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# Trobe University Course Handbook 2000



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ALBURY / WODONGA

BEECHWORTH

BENDIGO

BUNDOORA

CITY

MILDURA

MT BULLER

SHEPPARTON

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2000 UNDERGRADUATE COURSES

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**Notice to all Students**  
*The Foreword and General Information sections of this Handbook contain important information. You should familiarise yourself with this, as the University will assume you have read this material.*

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ISSN 1442-2115

372.9451  
L364c  
2000  
cop. 6

All enquiries should be directed to:  
The University Secretary  
La Trobe University  
Bundoora, Victoria  
Australia 3083  
Telephone: (03) 9479 1111



Produced and designed by: John Le Fevre  
Australian Photographic & News Service Pty Ltd.  
Tel: 03.9850.9007/041.231.0577  
on an Apple Macintosh 7300/180.  
Printed in Australia by McPherson's Printing Group

# USING THE HANDBOOK AT ENROLMENT

*The following is a suggested procedure for using the Handbook to plan your enrolment:*

- **decide on the course you wish to study.**
- **check that you satisfy the admission requirements.**
- **note the requirements for qualifying for the award (generally listed as the degree requirements).**
- **read the course structure and options for programs of study.**
- **determine your preferred major, minor or specialist studies.**
- **choose your subjects according to the above criteria and any other relevant considerations.**
- **read the subject descriptions and note the prerequisites, co-requisites and class requirements.**
- **note particularly the methods of assessment which apply to your chosen subjects and be certain that you are comfortable with them (if they are not published, inquire about them).**
- **note particularly any quotas which apply to your chosen subjects.**
- **select one or more backup subjects in case of quota exclusion or timetable problems.**
- **use the class timetable, published in about November of the previous year and available in student centres and faculty offices, to check that you will be able to combine the desired subjects with each other and with your personal commitments, and**
- **read the foreword and general information sections to ensure you are familiar with the rules governing entry to the University and important information regarding using this Handbook, locating course and subject descriptions and the abbreviations used throughout.**

**THE UNIVERSITY WILL PRESUME YOU  
HAVE READ THIS MATERIAL**



# LOCATING AND READING COURSE AND SUBJECT DESCRIPTIONS

Important information is contained in the introduction to each faculty or campus. Students are recommended to, and the University presumes they will, read all of the information associated with their course of study and their individual subject requirements, prior to enrolment.

Each Faculty entry contains descriptions of its courses and subjects being offered in 2000. The subjects are listed alphabetically and arranged by course, year or discipline, or by a combination of these. To locate a particular subject description, check the index of subjects at the back of this Handbook. One index lists subjects by name and the other by subject code.

Each subject description begins with the name of the subject, followed by brackets which contain the credit point value of the subject (expressed as a figure followed by the abbreviation CPs), the semester of availability (expressed as Sem. I, II or Summer – or a combination of these) and the campus of offer (expressed as a two letter abbreviation), the name(s) of the subject coordinators in italics, and the subject code.

Further information may also be noted in italics below the subject description.

The following abbreviations are used throughout this Handbook.

Aw: Albury/Wodonga  
Be: Bendigo  
Bu: Bundoora  
Ct: Melbourne city campus  
Mi: Mildura  
Mb: Mt. Buller  
Sh: Shepparton  
Ta: TAFE Institution<sup>1</sup>

**Key:** <sup>1</sup>Some practical tourism and hospitality subjects are conducted at Institutes of TAFE. In these instances the two letter abbreviation is expressed as Ta., with the individual TAFE campuses listed in the body of the subject description. The various TAFE campuses utilised are:

Goulburn/Ovens TAFE  
Northern TAFE  
William Angliss TAFE

Thus, the following example indicates that the subject is valued at 15 credit points and is available in either semester one or two at Bundoora and a TAFE campus.

**WINE KNOWLEDGE AND WINERY OPERATIONS** (15 CPs. Sem. I or II., Ta.) **WKW03** *Dr Malcolm Lovegrove*

**THE UNIVERSITY WILL PRESUME YOU  
HAVE READ THIS MATERIAL**

# COURSES OFFERED BY THE UNIVERSITY'S FACULTIES

*Some regional campuses currently offer only the initial years of some courses or course streams. Students are urged to check carefully the availability of course and be aware of the possibility of needing to transfer to another campus to complete their degree.*

*For most courses an Honours year is available. Inquiries should be made to School or Faculty offices. All courses listed under Faculty entries are available at Bundoora. Courses available at regional campuses are listed according to each campus of offer.*

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**ALBURY/WODONGA**

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**MILDURA**

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**MT BULLER CAMPUS**

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**SHEPPARTON**

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**Course and subject information follows.**  
**For the location of course and subject details refer to the individual lists prior to this page.**

# FOREWORD

## Notices to all students

### Purpose and contents of this *Handbook*

The *Handbook* is designed as an aid to students contemplating enrolment or re-enrolment. Understanding what information is provided and how it is put together will assist you to make the best use of it.

The chapter containing general information in this volume contains useful information about the University, a list of all of the awards, prizes and scholarships for which students on all campuses may compete, and a list of academic and senior administrative staff on all campuses.

The next five chapters contain information on the four metropolitan Faculties and the Bendigo Faculty, their Schools and their courses.

Admission requirements, course structure, possible programs of study, academic progress rules, and subject descriptions are provided.

Information on Regional Campuses is also included, with the full subject description, class requirements and assessment details for subjects offered at these campuses contained under the entries of the individual Faculties offering them.

Finally, an index of subjects by subject code and by subject name will assist you to find the descriptions you want.

For information on postgraduate courses, see the separate Postgraduate volume of the *Handbook*.

### Booklists are provided in subject descriptions – these lists are for:

- preliminary reading - texts to be read by students before attending the first lecture;
- prescribed reading - basic textbooks essential to the course; and
- recommended reading - a list of texts that may be useful.

It is suggested that students check with their course coordinator before purchasing any of the texts listed in the *Handbook*.

### Other useful publications:

There are many other publications produced by the University which will assist you with your study options, including:

- Faculty and School guides;
- Information booklets for supervisors and candidates of higher degrees by research.
- Information for students, incorporated in the Union diary and the Bendigo Student diary, or available from regional student centres;
- *Study at La Trobe*, a guide to undergraduate courses;
- Ethics approval for research involving the use of animals: guidelines for research and teaching practicals; and
- Ethics approval for research with human subjects: guidelines for research and teaching guidelines for the conduct of research.

A Government publication, *HECS: your questions answered*, available from the University's student centres, outlines the Higher Education Contribution Scheme.

### Availability of subjects and courses

The availability of subjects and courses listed in the *Course Handbook* is conditional on the availability of staff and other resources.

While every effort is made to provide full and accurate information, no absolute guarantee of the structure or manner of teaching or availability is implied in the listing of a subject or course for this or any subsequent year.

The University reserves the right not to offer any subject for which the number of enrolments or the resources available are insufficient and it reserves the right to restrict the number of enrolments in any subject.

### Undergraduate courses

Courses are developed and maintained through a rigorous approval, accreditation and review process. This can involve both internal and external scrutiny, and consultation with appropriate professional registration authorities to ensure the continuing quality and relevance of the programs and awards. Bachelor degree courses generally provide a systematic and coherent introduction to a body of knowledge, underlying principles and concepts and associated problem-solving techniques.

Students are expected to develop the academic skills and attitudes needed to comprehend and evaluate new information, concepts and evidence from a range of sources. Such courses usually include the provision of major studies in which course content is taken to a significant depth, and knowledge is developed to a sufficiently high. Minor studies and elective subjects may also be taken in addition to major studies.

### Academic standards and conduct

On enrolment, all students are required to sign a declaration acknowledging that they are subject to the statutes and regulations of the University. The primary purpose of the statutes and regulations is to establish and to uphold the academic standards of the University in an environment where staff and students can best pursue their academic goals.

Misconduct, in relation to examinations, or written or practical work for assessment, or in the more general sense as a member of the University, is viewed seriously. Penalties such as fail grades for work submitted, failure in a subject as a whole, fines and exclusion from the University may be imposed for breaches of discipline.

### Act, statutes and regulations

La Trobe University was established under a Victorian Act of Parliament which gives the governing body of the University, Council, the authority to make statutes and regulations for the management and regulation of the University's affairs. Much of this subsidiary legislation directly affects students: their conduct on campus; examinations; payment of fees, and so on. Copies of all legislation are available in each library, student centre, faculty office and many school offices.

### AVCC guidelines

The University endorses the guidelines published by the Australian Vice-Chancellors' Committee (AVCC), *Universities and their students - expectations and responsibilities*. These are reprinted in 'Information for Students', incorporated in the *Student Diary* and are also available from the student centre on the Albury/Wodonga campus.

### Modes of delivery

While much of La Trobe University's teaching and learning is designed around the traditional lecture/tutorial/seminar/practical class which takes place in a classroom, modern technology supports these modes of delivery as appropriate. In addition, many of the courses and subjects offered by La Trobe University are specifically designed around state-of-the-art methods of flexible teaching and learning. This means that topics and components of some subjects could be studied via one, or a combination of, the following modes:

- computer-based learning
- on-line (Web-based) learning
- electronic-mail and electronic mailing lists
- CD-ROM materials and tasks
- video-conferencing and video-lecturing
- teleconferencing
- self-paced print materials and study guides
- pre-taped video cassettes
- student-led discussion

These flexible learning environments and responsive teaching and learning practices are particularly used to increase cross-campus course offerings and enhance student learning outcomes. Flexible learning practices can offer students more choice about when, where and/or how to learn. You may confirm with your subject coordinator the modes of delivery of the subjects in which you plan to enrol.

### The University on the World Wide Web

The University has an Internet home page at: <http://www.latrobe.edu.au/>  
The University's Alumni Association has a home page at: <http://www.latrobe.edu.au/www/alumni/>.

Both addresses are case-sensitive. Several Faculties, Schools, Departments and academic staff have web addresses and these are provided throughout the *Course Handbook*.

The University provides an enrolment checking facility and examination results through the Academic Services home page. A password is required. These are also available through the University's IVRS telephone system – ring 1902 241 005. A PIN number is required. Examination timetables (four weeks before the relevant examination period) and class timetables are published on the Web. The *Course Handbook* for 2000 will also be available on the Web.

### Equal opportunity policy

In keeping with the spirit and provisions of Commonwealth and State Equal Opportunity Legislation and University policy, La Trobe University is committed to a policy of equal opportunity in education and employment. As an employer and an educator, the University is opposed to, and accepts that it has a responsibility to eliminate from its structures, any source of direct or indirect discriminatory practice or behaviour, including racism, sexism, homophobia or discrimination based on disability, parenthood or childlessness, religious or political conviction, age, industrial activity, lawful sexual activity or sexual orientation, physical features, pregnancy, or marital, parental or carer status. For further information and advice, contact the Equity and Access Unit at the Bundoora campus, tel: (03) 9479 2900; or Equity Officers at regional campuses.



## Sexual harassment policy

La Trobe University aims to provide an environment free from sexual harassment.

Sexual harassment is an uninvited and/or unwelcome communication, display or physical conduct of a sexual nature. Such behaviour may be unintentional. However, if it intimidates or creates an offensive working or learning environment, if it explicitly or implicitly becomes a term or condition of employment or study, or if it interferes with a person's academic or work performance, the behaviour may constitute sexual harassment.

Members of the University should note that University regulations prohibit the use of electronic facilities to harass other computer users (e.g. by sending obscene, offensive, abusive, fraudulent, threatening or repetitive messages) or otherwise interfere with their work. Offenders may be liable to severe disciplinary action or individual prosecution under the Sex Discrimination Act or the Equal Opportunity Act.

People who consider themselves to be sexually harassed may feel able to approach the harasser and to indicate immediately and directly that they object to the behaviour or remark. Others may prefer discussion with an anti-sexual-harassment contact person or conciliator. Contact persons are located throughout the University and are trained to listen and to provide advice to people on their options.

Contact persons can refer the person to a conciliator should they wish to take further action. Anti-sexual-harassment conciliators are trained to deal with complaints through University procedures. Consultations with contact persons and conciliators are treated in confidence.

Leaflets providing the names, locations and telephone numbers of anti-sexual-harassment contact persons are available from student centres, the Student Union, Equal Opportunity Offices, residential colleges and other places throughout the University.

## Safety on campus

The University recognises its obligation to take reasonable precautions to protect the safety of its employees, students and visitors while they are on campus.

Safety is the responsibility of all members of the University and requires active participation on the part of all staff and students. The University is concerned that every student should enjoy a safe study environment. Each student therefore:

- is responsible for following practices consistent with the extent of his/her control over or influence on study conditions and methods;
- is obligated, given the experimental nature of work carried out in laboratories and workshops, to adhere rigidly to prescribed safety standards;
- has the responsibility to ensure that she/he does nothing to render ineffective the University's actions in safety matters; and should report any safety issues to his/her supervisor.

Incident report forms are available from School offices and are used to report accidents, near misses, or any issue to do with safety. Further information can be obtained from the Occupational Health and Safety Section which is located in room W137, David Myers Building. Telephone (03) 9479 1186.

## Children on campus

The University acknowledges that students and staff may also be parents or guardians of children. While it emphasises that the responsibility for each child's safety rests with the adult concerned, it directs staff to deal sympathetically with requests from students to bring a dependent child into teaching situations if normal arrangements change unexpectedly. Children are not permitted to enter scientific laboratories, workshops or commercial kitchens without the express approval of the area manager, and provided they are under appropriate supervision.

Further details may be obtained from the Equity and Access Unit on the Bundoora campus or the Equity Officers at regional campuses.

## Disability access

A physical access map for the Bundoora campus is available from the Disability Advisor. Further information on facilities can be obtained from the Disability Advisor, Equity and Access Unit, at the Bundoora campus, tel: (03) 9479 1510; or disability advisors at regional campuses.

## Ombudsman

Complaints or grievances regarding University decisions can be made to the University Ombudsman. After students have pursued avenues of appeal against University decisions through a Faculty, School or Administrative Department, persons from all campuses may seek advice from the Ombudsman on further rights of appeal. For advice on complaints or grievances contact the Ombudsman, Mr

Klaus Richter, Room 371, Level 3, Martin Building, Bundoora campus, tel: (03) 9479 1897.

## Insurance

The University insures its students for accidents (while in Australia) on field trips, while on outside placement (where it is a course requirement) or while acting as voluntary workers. Cover may apply while involved in such activities outside Australia; contact the University Insurance Office for details. Claims against the University policy should be made through the University Insurance Office.

The student associations provide options for students to insure against accidents occurring at any time, 24 hours a day, 365 days of the year. Claims against these policies should be made directly through your student association. Claims, or at least notification of a pending claim, should be lodged within 30 days of accident or misadventure. Health insurance legislation restricts the type of cover which can be provided by insurers (for example, there is no cover for any type of expense for which a Medicare benefit is available).

Neither the University nor the student association insures valuables, money, books or other personal property of students. It is the responsibility of each student to assess his or her own level of risk and to take whatever action is deemed appropriate, which may include taking out insurance to cover death, accident, injury, sickness, disease, weekly income, hospital or medical expenses, personal property and theft or damage to vehicles, etc. The extent to which students are covered by the University's insurance policies is summarised on the University Insurance Office's homepage ([www.latrobe.edu.au/www/insurance](http://www.latrobe.edu.au/www/insurance)) or a printed copy may be obtained from the University Insurance Office.

## Freedom of information

The Victorian Freedom of Information Act (FOI) assigns to individuals the right of access to information, with certain exceptions. A formal request for documents under FOI may be made in writing to the FOI Manager. Enquiries of a general nature may be made to the Projects Officer, University Secretary's Office, the University Solicitor at Bundoora, or the Registrar at Bendigo.

The University makes special provision for students to inspect their own files and examination papers. These may be examined under supervision and a request need not be made under the provisions of the FOI Act. In the case of student files, the appropriate Student Centre should be contacted, while each faculty office can assist with access to examination scripts. Students should note that examination scripts are only available until the end of semester one in the year following that in which the assessment was made. Applications for access to evaluation reports of student placements will be considered on a case-by-case basis.

## Copyright (photocopiers, scanners, computer terminals, audio-visual equipment)

If you reproduce material protected by copyright without the permission of the copyright owner, you may infringe copyright. Reproducing part of a work may infringe copyright, if a part is important; it need not be a large part. Copyright owners are entitled to take legal action against people who infringe their copyright. La Trobe University does not authorise individuals to make infringing reproductions of copyright material. It is your responsibility to make sure that any reproductions you make do not infringe copyright.

### Photocopiers

Unless otherwise permitted by the Copyright Act 1968, unauthorised copying of a work in which copyright subsists may infringe the copyright in that work. Where making a copy of a work is a fair dealing under section 40 of the Copyright Act 1968, making that copy is not an infringement of the copyright in the work. It is a fair dealing to make a copy, for the purpose of research or study of one or more articles on the same subject matter in a periodical publication, or in the case of any other work, of a reasonable portion of a work. In the case of a published work that is of not less than 10 pages and is not an artistic work, 10% of the total number of pages, or one chapter, is a reasonable portion. More extensive copying may constitute fair dealing for the purpose of research or study. To determine whether it does, it is necessary to have regard to the criteria set out in section 40 (2) of the Copyright Act 1968.

### Scanners

La Trobe University does not authorise individuals to make infringing reproductions of copyright material on its equipment. It is your responsibility to make sure that any reproductions you make do not infringe copyright.

### Computer terminals

If you reproduce material protected by copyright without the

permission of the copyright owner, you may infringe copyright. This includes printing material, saving to disk, and copying a file from one disk to another. Reproducing part of a work may infringe copyright.

You should check whether there are any special conditions for the material you are viewing, particularly if the material is on a CD-ROM or an on-line data base.

If you are viewing material on the Internet, you should check whether there is a statement about copyright on the site where the material is stored.

If you copy material for your research or study, you may not infringe copyright provided your copying is fair. In deciding whether your use is fair, you should take into account:

- the purpose and character of the dealing;
- the nature of the work or adaptation;
- the possibility of obtaining the work within a reasonable time at an ordinary commercial price;
- the effect of the use upon the potential market for, or value of, the work; and
- where only part of the work or adaptation is copied, the amount and substantiality of the part copied in relation to the whole work or adaptation.

#### Audio-visual equipment

If you copy material for your research or study, you may not infringe copyright, provided your copying is fair. In deciding whether your use is fair, you should take into account:

- the purpose and character of the dealing;
- the nature of the work or adaptation;
- the possibility of obtaining the work within a reasonable time at an ordinary commercial price;
- the effect of the use upon the potential market for, or value of, the work; and
- where only part of the work or adaptation is copied, the amount and substantiality of the part copied in relation to the whole work or adaptation.

#### General service fee

The University levies a general service fee which is used to provide approved services for students. Payment of the fee does not confer membership of any student organisation.

#### Fees for ancillary or additional services

##### Legislation

Under section 18(1)(d) of the Higher Education Funding Act 1988 (the act), it is a condition of receiving Commonwealth grants for operating or limited operating purposes that higher education institutions do not charge students fees except as provided under section 13 of the act.

(Section 13 authorises the Minister to issue guidelines for the provision of undergraduate and postgraduate courses for a fee.) Section 3 of the act defines the term 'fees' and lists charges excluded from the definition (paragraphs (a) to (e)).

If the Minister is satisfied that a higher education institution has failed to fulfil a condition of its financial assistance from the Commonwealth, there is discretion for the Minister to reduce the level of Commonwealth financial assistance to the institution up to the amount of that assistance in a year under section 108 of the act. Nothing in this advice is intended to constrain higher education institutions in making decisions about the content or structure of courses of study. It is a matter for institutions to decide what goods or services are offered to students in conjunction with courses of study.

##### Principles

The key principles to be applied is that HECS liable or non-fee-paying HECS exempt students must be able to complete their chosen award without facing course related charges imposed by their institutions. This precludes charges for compulsory or essential components of a course or its assessment and award.

Higher education institutions may charge students for goods or services, the purchase of which is voluntary and is not a requirement of a course of study for an award of the institution – such charges are not fees for the purposes of the act.

Under the Disability Discrimination Act 1992, higher education institutions must not discriminate against students with disabilities by charging fees for goods or services which are provided as 'reasonable accommodation' to the needs of such students.

##### Charges which may be levied

Consistent with these principles set out above, the following are cases in which higher education institutions may charge students for goods or services which are ancillary or additional to their course of study.

1. Higher education institutions may charge students for additional materials or services which are not essential components of a course. For example: access to the Internet or word processing services, (except where these are required as part of a course); printing of notes from the World Wide Web or disks; and graduation ceremonies, provided that the student does not need to attend the ceremony to graduate.
2. If goods or services that are an essential component of a course are made readily available at no additional charge by higher education institutions, then institutions may charge students for:
  - alternative forms of those materials or services. For example: lecture notes or tapes, provided that the lectures are available to students at no additional charge; the electronic provision of essential information if the information is also readily available at no additional charge in another form.
  - alternative access to those materials or services. For example: reading material such as anthologies of required readings provided that these texts are also available at no additional charge; units in non-standard semesters which allow accelerated completion of programs or which are offered for remedial purposes, provided that such units are also available within normal semester periods on a Higher Education Contribution Scheme (HECS) liable basis.
3. In certain circumstances, higher education institutions may charge students for goods or services which are a component of a course if students have the choice of acquiring the goods or services from suppliers other than the institutions. This includes:
  - goods or services which are necessary to produce items which become the physical property of students;
  - food, transport and accommodation associated with field trips; and
  - equipment regarded as a 'tool of the trade' which students would take with them at the completion of their course and which working professionals would normally own. Examples include musical instruments, protective clothing or footwear, stethoscopes, dancing shoes and some reference texts.
4. Institutions may levy charges as fines or penalties provided that such charges are levied principally as a disincentive and not in order to raise revenue or cover administrative costs. For example: fines or penalties for late enrolments, late variations to enrolments or late withdrawals from a course.
5. Institutions may charge for an assessment of prior learning only in circumstances in which a person has not applied for entry to the institution.

#### Circumstances in which higher education institutions must not levy charges

Higher education institutions must not charge students for goods or services which are required for a course of study, unless those goods or services or alternatives to them are also available to students at no additional charge. Examples of such goods and services include:

- course materials such as subject outlines, reading lists, tutorial or seminar topics and problems, assignment and essay questions and requirements and guidelines for the presentation of work;
- access to library books, periodicals and manuals;
- clinic, laboratory or workshop materials such as anaesthetics, drugs, chemicals, filters, fuel, fertilisers, animal feed or crops used in practical sessions or research;
- access to computers or other on-line resources;
- equipment and manuals which a professional in the field would not be required to own such as fixtures in a clinic, laboratory or workshop, or large items of equipment and relevant workshop manuals required for their use;
- admissions services; and
- examinations or assessments including, for example, practical assessments which require the services of musical accompanists and re-assessment of results where a student has failed an assessment and thereby failed a subject or unit.

#### Complaints about charges

If staff or students of higher education institutions are concerned that, in individual cases, charges may constitute fees under the act, then they should take the matter up with their institution. It is the responsibility of each institution to ensure that its charges are consistent with this advice and the act. Correspondence with DETYA about this advice should be directed to:

The Director  
Private Funding Section  
Department of Education, Training and Youth Affairs  
PO Box 9880  
Canberra, 2601, ACT.

# GENERAL INFORMATION

## History of the University

La Trobe University, established and incorporated through an Act of the Victorian Parliament in December 1964, was officially opened by the Premier of Victoria in March 1967 and began teaching during the first term of that year. It was the third university established in Victoria and has since grown to accommodate more than 21,000 students across its several campuses.

The Act requires that the University serve the community and in particular, the citizens of Victoria, by the provision of facilities necessary for the advancement of knowledge through teaching and research, the conferring of degrees and awarding of diplomas and the fostering of the general welfare and development of all enrolled students.

Land for La Trobe's main campus at Bundoora was made available by the Government of Victoria on the recommendation of the Third University Committee, established in 1964.

This campus, comprising more than 200 hectares, is located only 16 kilometres from the city of Melbourne and is easily accessed by public transport. It is an attractive campus, featuring native garden settings and a vast range of native flora and fauna, particularly native birds. The University also maintains a presence in the city.

The University's regional campuses are located at Albury/Wodonga, Beechworth, Bendigo, Mildura, Mount Buller and Shepparton.

The Bendigo campus caters for over 4,000 students, and is set on 33 hectares of natural bushland only three kilometres from the heart of Bendigo and 150 kilometres north-west of Melbourne. The history of La Trobe University, Bendigo goes back to 1873 when the Bendigo School of Mines and Industries was established. As the technical education it provided broadened, it became the Bendigo Institute of Technology. In 1976 this Institute merged with the State College of Victoria, Bendigo (formerly the Bendigo Teachers' College) to form the Bendigo College of Advanced Education. This College affiliated with La Trobe University in 1991 as La Trobe University College of Northern Victoria, which integrated as a Faculty of the University from 1994, offering a broad range of courses.

There are around 1,000 students at Albury/Wodonga, originally the campus of the Wodonga Institute of Tertiary Education which amalgamated with La Trobe in 1991.

Late in 1993, the University established a presence in Shepparton following a State Government review of higher education in the Goulburn Valley region. The campus at Shepparton is co-located with the Goulburn-Ovens Institute of TAFE and provides a number of three-year courses and the first year of some other courses in the University.

The Mildura campus is co-located with the Sunraysia College of TAFE and students have the opportunity to complete some three-year courses in arts, business and visual arts, as well as the first year of courses which can be completed at other campuses. Teaching in tourism and hospitality courses occurs at the Mount Buller and Beechworth campuses, the most recently established courses of the University.

## The University's mission, goals and objectives

### Mission

The mission of La Trobe University is to be an internationally recognised leader in tertiary education and professional training and in pursuance of this to promote the scholarly acquisition, transmission, application and preservation of knowledge through teaching and research of the highest international standards, and to provide a learning environment in which intellectual freedom is protected and intellectual rigour fostered.

### Goals

1. To enhance the reputation and standing of the University as an internationally acknowledged institution dedicated to the provision of undergraduate and postgraduate programs of the highest quality which emphasise the value that the University places on research and teaching informed by research.
2. To attract and retain students able to benefit from a University education of the highest international standards.
3. To maintain a commitment to the broadest possible access for students and to equality of opportunity.
4. To promote teaching and training of the highest quality relevant to the rapidly changing needs and expectations of participants.

5. To promote research of the highest quality in keeping with the obligations of a major international University.
  6. To be the major provider of higher education for Northern Victoria.
  7. To be a fully internationalised University.
- These goals imply a number of more specific objectives which are essential to the fulfilment of the University mission.

### Specific Objectives

The University aims:

- to provide courses and programs of high academic standard that are attractive to students, well taught, and relevant to the needs of the community;
- to encourage interdisciplinary research and teaching programs and to stimulate interaction between academic units;
- to increase postgraduate enrolments and higher degree programs, especially in disciplines in which the University has or is developing strengths;
- to provide an intellectual environment which is conducive to staff research and affords genuine opportunities for staff development;
- to encourage the recruitment of staff of demonstrable excellence and to provide appropriate incentives for the attraction of high quality staff;
- to increase research and educational programs that satisfy the needs of the community, industry and the professions;
- to participate in schemes that provide educational pathways for increased opportunities and access to University education of genuine quality;
- to enhance access to University education and provide genuine opportunities for lifelong learning, career enhancement, and upgrading of qualifications by the provision of short courses, summer schools and Continuing Education programs;
- to ensure that the management of the University is appropriate to support the mission, goals and objectives;
- to protect a corporate identity within the community of academic excellence appropriate to a University of international standing;
- to extend the numerous international linkages already available to create opportunities for study and research;
- to play a leading role in the delivery of appropriate teaching and training programs at selected sites in Asia and elsewhere, working the local partners wherever relevant;
- to form a consortium of prestigious international Universities to facilitate international study and research for students and staff, and to attract students and staff from elsewhere in the world to study at its campuses in Victoria; and
- to contribute service to the international communities where the University is active.

## Organisation of the University

### Academic structure

The Vice-Chancellor and President is the University's senior academic; he is assisted by a Deputy Vice-Chancellor, a Deputy Vice-Chancellor (Research), a number of Pro-Vice-Chancellors and the University Secretary. Each Faculty is managed by a Dean, assisted by a Deputy Dean and Faculty Registrar. At the School level, Heads of School are responsible for delivery of academic programs. The academic staff comprise professors, associate professors and readers, senior lecturers, lecturers and associate lecturers.

### Committee structure

The University Council is the governing body of the University; its membership is defined by an Act of Parliament and it is presided over by the Chancellor.

Three of the most important policy committees of Council are: Academic Board, which advises on all academic issues; Finance and Resources Committee, which advises on all financial and business issues and all issues relating to buildings and grounds; and Equity, Access and Personal Welfare Committee, which advises on equal opportunity and welfare matters. Each of these bodies has a range of subsidiary committees which advise on, or manage, the many activities of the University.

## Campuses

### Metropolitan

The main campus of the University is located at Bundoora.

**Location:** Plenty Road, Bundoora  
**Postal address:** La Trobe University, Bundoora 3083  
**Telephone:** (03) 9479 1111

### City

**Location:** 215 Franklin Street, Melbourne, Vic 3000  
**Telephone:** (03) 9285 5100



**Regional campuses****Albury/Wodonga**

**Location:** Parkers Road, Wodonga  
**Postal address:** La Trobe University, Albury/Wodonga Campus,  
 PO Box 821, Wodonga 3689, Vic.  
**Telephone:** (02) 6058 3700

**Beechworth**

**Location:** Albert Road, Beechworth  
**Postal address:** La Trobe University, Beechworth Campus  
 PO Box 474, Beechworth 3747, Vic.  
**Telephone:** (03) 5720 8000

**Bendigo**

**Location:** Edwards Road, Flora Hill, Bendigo  
**Postal address:** La Trobe University, Bendigo Campus  
 PO Box 199, Bendigo, 3550, Vic.  
**Telephone:** (03) 5444 7222

**Mildura**

**Location:** Benetook Avenue, Mildura  
**Postal address:** La Trobe University, Mildura Campus  
 PO Box 1904, Mildura 3502  
**Telephone:** (03) 5022 3666

**Mount Buller**

**Location:** La Trobe University, New Summit Road,  
 Mount Buller, 3723, Vic.  
**Telephone:** (03) 5733 7000

**Shepparton**

**Location:** La Trobe University, Fryers Street, Shepparton.  
**Postal address:** La Trobe University, Shepparton Campus, PO Box  
 6044, Shepparton, 3632, Vic.  
**Telephone:** (03) 5833 2517

**Institute for Aboriginal Development (IAD)**

**Location:** 3 South Terrace, Alice Springs, NT, 0870.  
**Phone/fax:** (08) 8951 1303

La Trobe University, in collaboration with the Institute for Aboriginal Development (IAD) offers courses in Alice Springs largely for indigenous students. These courses include a Bachelor of Arts majoring in Arrente Language and Culture, a Graduate Diploma in Counselling and Human Services, and a Graduate Certificate in Management. For more information contact Susan Heffernan, Manager, Higher Education, Institute for Aboriginal Development, eMail: iad-hi-ed@octa4.net.au; WWW: www.iad.edu.au/iad/

**La Trobe Research and Development Park**

**Location:** 2 Research Avenue, Bundoora, Vic, 3038  
**Telephone:** (03) 9479 1945  
**Fax:** (03) 9479 1675  
**E-mail:** Info@TEC.rp.latrobe.edu.au

La Trobe R&D Park is an unincorporated commercial entity, fully owned and managed by La Trobe University. Situated on a 20 hectare site overlooking the Bundoora campus, the Park is home to a variety of large businesses including those involved in mining and exploration, information technology and government scientific services. It provides a centre of R&D excellence and an environment that encourages the development of key technologies for manufacturing, engineering research, health sciences and natural resource management. The Park endeavours to be relevant to government, industry and community agendas for economic growth, job creation and environmental health by assisting intelligence-based industry to succeed. To this end, the Park provides tenants with a wide variety of support services and aims to positively influence the teaching and research programmes of La Trobe University through facilitating interaction between academic units, industry, Government and the community.

**La Trobe University Centres and Institutes**

The Institute for Advanced Studies

**Faculty at Bendigo**

Biotechnology Research Centre  
 Centre of Research for the Advancement of Rural Health  
 Research Centre for Rural Education

**Faculty of Humanities and Social Sciences**

Institute of Latin American Studies  
 African Research Institute  
 National Centre for Hellenic Studies

**Faculty of Health Sciences**

Centre for the Study of Mother's and Children's Health  
 Australian Research Centre in Sex, Health and Society  
 Australian Institute of Primary Care  
 Bouverie Centre  
 National Centre for Deaf Studies

**Faculty of Science, Technology and Engineering**

Applied Computing Research Institute  
 Asian-Australian Centre for Bioactive Plant Constituents  
 Research Centre for Electron Spectroscopy and Surface Science  
 Victorian Institute of Earth and Planetary Science  
 Centre for Sustainable Plant Production  
 Centre for Scientific Instrumentation  
 Brain-Behaviour Research Centre

**Principal dates****2000 semester dates (General)**

First semester 28 February to 16 June	Second semester 17 July to 3 November
Mid-semester vacation 10 to 28 April	Mid-semester vacation 18 to 29 September
Study break 5 to 7 June	Study break 30 October to 3 November
Examination period 8 to 23 June	Examination period 6 to 24 November
Inter-semester vacation 26 June to 14 July	

There are some exceptions to these general semester dates. They are as follows:

**Graduate Studies in Education, Bundoora****Bachelor of Education, Graduate Diplomas and Master of Education**

First semester 28 February to 16 June	Second semester 17 July to 3 November
Mid-semester vacation 10 to 28 April	Mid-semester vacation 18 to 29 September

Semester dates for the Graduate Diploma in Education, Bundoora (commences 21 February) and Master of Teaching, Bundoora (commences 1 February) are adjusted to accommodate Victorian primary and secondary school vacations.

**Graduate Studies in Education, Bendigo**

First semester begins on 21 February and concludes 7 June. Second semester begins on 17 July and concludes 7 November.

**Schools of Nursing and Social Work**

Some nursing and social work courses operate on a slightly different timetable to accommodate practicum and clinical placements.

**School of Tourism and Hospitality**

Students commencing studies in the Bachelor of Business (Hospitality Management) at the Beechworth Campus will commence on 7 February.

**Public holidays 2000**

The University is closed on Australia Day (January 26), at Easter (April 21 to 25 inclusive), and on Queen's Birthday (June 12). The University remains open on Labour Day and Melbourne Cup Day.

**Fees, variations and withdrawal****General service fee**

Annual fee: due and payable February 1st.

**Higher Education Contribution Scheme (HECS)**

Up-front HECS liability due and payable:

First semester: February 1st.  
 Second semester: July 3<sup>rd</sup>.

**HECS liability remains payable for any subject enrolment after:**

First semester: March 31st.  
 Second semester: August 31st.  
 Non-standard semester: Dates vary according to duration of study (check with Student Centre).

**Variation of enrolment**

First day for variation of enrolment:

## General Information

February 21<sup>st</sup>.

Last day for deletion of full-year subjects and first-semester subjects:

March 31<sup>st</sup>.

Last day for deletion of second-semester subjects:

August 11<sup>th</sup>.

### Withdrawal of enrolment

Withdrawal after two-thirds of a subject has been offered results in a KN grade (withdrawal to count as a failure) being awarded. The last day for withdrawal of enrolment with a full refund of the general service fee: March 31<sup>st</sup>.

### Student status

Changes have been made to the regulations covering student status. A student remains a student only until the start of the next semester for which they are not enrolled. This means a student who has a semester one enrolment only will cease to be a student on 16 July 2000. Students enrolled in both semesters next year will continue to be students until 25 February 2001.

### Official examination periods

Students should note that many examinations are not conducted within the official examination period.

### First semester examinations

June 8<sup>th</sup> to 23<sup>rd</sup>.

### Annual examinations

November 6<sup>th</sup> to 24<sup>th</sup>.

### Timetables

Timetables for mid-year and end-of-year examinations are posted on notice boards, together with central examination rules. They are also published on the World Wide Web at the University's homepage. Students should approach their course authorities for information on rules regarding deferred examinations, special consideration, supplementary examinations, etc. In the event of a student being unable to be present for an examination the candidate must notify the relevant course authority of details within 72 hours of the examination, and in the case of medical incapacity a medical certificate must be supplied.

### Examination results

Examination results will be available on the World Wide Web and IVRS telephone system (1902 241 005) progressively from approximately mid July and the second week in December. Personal records are available at the relevant Student Centre for a charge of \$5.00.

### Graduations

Ceremonies at the Bundoora campus are generally held in the Union Hall on Friday afternoons and evenings during late March, April and May. Ceremonies are also held at Albury/Wodonga, Mildura and Shepparton in March and at Bendigo in early May.

At least one ceremony for mid year qualified students will be held in September at Bundoora. Graduation ceremonies and Presentation of Degree ceremonies for international students are usually held in Hong Kong, Singapore, Kuala Lumpur and Shanghai during early September. Further details are available from the Office of Admissions, Examinations and Graduation at Bundoora, or the student centres at other campuses. Graduation packages providing all information are mailed to students.

### Enrolment for 2000

All new undergraduate students will be sent a copy of the La Trobe University Enrolment Guide 2000 when they receive an offer. Continuing candidates for undergraduate degrees, graduate diplomas, masters preliminary and masters by course-work pre-enrol in October unless Faculties/Schools advise otherwise.

### Undergraduate admission requirements

Admission to courses in the University is competitive, with selection based on a combination of academic merit and a selection committee's assessment of an applicant's ability to complete a course. Applicants must meet both the University's basic admission requirements and any additional requirements of Faculties for the course to which they seek admission.

### Normal requirements for admission

The University's minimum requirements for admission are met by any student who has:

- (1) satisfactorily completed the Board of Studies Victorian Certificate of Education (VCE) and satisfactorily completed the work requirements in Units 3 and 4 in one of the following English subjects: English, English Literature, English Language or English as a Second Language;
- or
- (2) gained qualifications equivalent to (1) above recognised as such by the Victorian Tertiary Admissions Centre (VTAC). This covers

interstate and overseas qualifications and qualifications obtained under previous conditions, including compensation or concessional arrangements;

- or
- (3) gained a Board of Studies Statement of Equivalent Qualification to the VCE;
- or
- (3) fulfilled the requirements of one of the University's alternative entry schemes.

While normal requirements for admission are as listed above, most courses require at least a D-grade average in Units 3 & 4 of English (any). All students are expected to have an adequate command of the English language in order to pursue their chosen course.

Any person offered a place at La Trobe University in 2000 may be required to sit an English language test. An applicant found to be below the necessary standard may be required to undertake a remedial English language course conducted by the University concurrently with his or her undergraduate course or may have his or her provisional offer withdrawn. Applicants whose principal language of instruction was other than English must provide evidence of their proficiency in English. This can be done by achieving a satisfactory result in VCE English or in an IELTS or another test (e.g. TOEFL test) acceptable to the University. For further information contact the Office for Prospective Students on telephone 1800 625 365 (Freecall).

Applicants with IELTS or other test results should supply them directly to the course selection officer(s). Applications may not be considered until results have been provided – applicants should therefore arrange to take the test as soon as they have applied. Additional requirements for admission to the courses offered by a given Faculty are listed in that Faculty's chapter in the *Handbook*. Complete details regarding requirements for admission, including course prerequisites and application procedures are available in the *VTAC Guide 2000 - A Guide to University and TAFE Courses* and in the *VICTER 2000-Victorian Tertiary Entrance Requirements*.

### Alternative methods of entry

The University offers several alternative methods of entry, details of which are provided below. All schemes require application through VTAC and submission of supplementary information directly to the University. The supplementary information required may include:

- completion of a personal particulars form;
- an autobiographical essay;
- a book review or mathematics test (relevant to the course applied for);
- an aptitude test (e.g. STAT — developed by the Australian Council of Educational Research) and/or
- an interview.

Details of application procedures and dates are available from the Office for Prospective Students on telephone 1800 625 365.

### Special entry scheme

Applicants aged 21 years or more as at January 1, 2000 who do not satisfy minimum tertiary entrance requirements may become eligible for entry into the University, by completing the extra application requirements. Applicants who are aged 21 years or more by January 1 of the year in which entry is sought, who satisfied minimum tertiary entrance requirements more than three years ago but have not previously completed a semester of tertiary level studies (tertiary studies includes both university courses and post year 12 TAFE qualifications) may choose to apply through the Special Entry Scheme and complete the extra requirements with the aim of enhancing their chances of selection into any La Trobe University course.

Applicants who have satisfied minimum tertiary entrance requirements and have completed a semester of tertiary level studies are not eligible to apply through the Special Entry Scheme. Applications are made through VTAC and directly to the University.

### Credit transfer

Students who have studied at tertiary level elsewhere, or who have other relevant studies or work experience, may be eligible for some credit towards a La Trobe University qualification.

Each faculty has different policies in respect of the number and type of subjects and any work experience it is willing to accept for credit purposes. Students should apply for credit after they have been offered a place and at the time of enrolment.

People who have completed a TAFE course may be eligible to apply for entry into related degree courses with a significant level of credit through the 'Pathways' program.

'Pathways' provides a number of other features designed to enhance a student's chances of enrolment, and once enrolled, of completing a degree successfully. Contact the Office for Prospective Students for more information.

### Aboriginal and Torres Strait Islander entry

Aboriginal people and Torres Strait Islanders are encouraged to apply for entry and will be considered on an individual basis. All applicants, including VCE students and non-VCE applicants, must apply through VTAC and use either the S or SI form. Non-VCE applicants to the Bendigo campus will also be required to sit the STAT multiple choice test. Applicants may be asked to attend an interview with a panel including an ATSI member, and also may be asked to provide some written information.

For assistance with your application, contact the Aboriginal Liaison Officer at the campus you are applying for: Albury/Wodonga – (02) 6058 3753; Bendigo – (03) 5444 7812; Bundoora – (03) 9479 3817; Mildura – (03) 5022 3666; Shepparton – (03) 5833 2616

### Disadvantaged groups

Applicants who feel that difficulties during their schooling have badly affected their results may apply for special consideration.

Relevant factors may include:

- economic hardship
- physical disability
- continual illness
- English language learning difficulties
- family or personal problems
- lack of educational facilities at home or school
- geographic isolation
- attending a disadvantaged school
- being an Aborigine or Torres Strait Islander

Applications are made through VTAC.

### Regional consideration

In pursuing the regional mission of the University, the Albury/Wodonga, Bendigo, Mildura, Mt Buller and Shepparton campuses provide places for people who have experienced educational or other disadvantages that may be associated with living in a regional community. Qualified applicants from specific regional schools may have their ENTER adjusted upwards.

### Admission procedures

All prospective new students seeking entrance to any degree or diploma course for full-time or part-time studies at first year level must apply through VTAC by September 30, 1999. Late applications will be accepted by VTAC until December 17, 1999 subject to the payment of the prescribed late fee.

### Later year entry

Current or previous university or TAFE students may be eligible for advanced entry to La Trobe courses and should apply as follows:

Albury/Wodonga, Bundoora, Mildura, Mt Buller and Shepparton campuses - direct to the University if a La Trobe student or through VTAC if new to La Trobe University.

Current La Trobe students apply directly to the selection officer of the intended course. Bendigo campus - all applicants in this category apply direct to Bendigo by October 31, 1999. Do not apply through VTAC unless advised to do so by course authorities.

All international students, unless currently undertaking the VCE in Victoria, should apply direct to the University. For information telephone (03) 9479 1199 at Bundoora or (03) 5444 7389 at Bendigo.

All applicants for the Graduate Diploma in Education must apply through VTAC.

### Offers of admission

The normal VTAC procedure detailed in the *VTAC Guide 2000*, provides for undergraduate applicants to be offered places as follows: December for Early Offers; late January for Round One offers; and February for Round Two and subsequent offers.

Applicants for the Graduate Diploma in Education will be offered places in early January. If you have been made an offer you will be notified officially by post. Prospective students applying directly to the University would normally expect to receive offers within this time frame.

### Cross-institution enrolment

Students who wish to study a subject at another tertiary institution, which will be credited toward their degree at La Trobe University, must complete an Application for Cross-Institution enrolment form. The request must be approved by the School/Faculty Office and the host institution, then lodged at the Student Centre. The responsibility for the enrolment at the other institution rests entirely with the student. Cross-institutional students incur a HECS liability at the other institution for the extra subject and arrangements should be made at that institution.

### Deferment

Deferment may be granted in all courses. Most applications for deferment are approved. Written application should be made to the

Faculty Registrar at Bendigo campus for Bendigo courses, and for all other courses to the selection officer for the course at the relevant campus, by the date specified for accepting the offer. It is not necessary to attend the University to seek deferment.

### Name and address of students

Students must notify the University of any name and address changes. Documentary evidence is required for a change of name. University communications are normally forwarded to a student's semester mailing address as recorded on the enrolment form, or as subsequently amended. It is University policy that any communication directed to the last known address of a student is deemed to have been delivered to the student.

### Returning students

Students who have been enrolled in, but have not completed, a course in the preceding year need not apply for re-admission but must comply with current enrolment procedures. Transfers from one undergraduate course to another may be considered on an individual basis.

### Student identity cards

These are issued to students at the time of their first enrolment and updated each year that the student re-enrols, subject to evidence that all fees have been paid. This card will permit students to use the libraries and other facilities of the University.

If the card is lost, the loss should be reported to the relevant Student Centre and on payment of a fee, a new card will be issued. Student cards are required as proof of identity at all examinations. Students are required to produce their student card as proof of identity upon request from any identified officer of the University.

Upon withdrawal from studies, student identity cards must be returned to the relevant Student Centre.

### Assessment procedures for course-work subjects

Work presented by students during their studies is assessed in a variety of ways. It is important to understand the methods used and the expectations of the examiners – it can be useful to ask about these.

The most commonly used methods of assessment at La Trobe are described briefly below; in almost every case, a student's performance in each method is measured and contributes to the final mark and grade awarded at the end of the year.

The expectations of examiners will vary widely according to the nature of the subject and the method of assessment, but the universal principle is that the student is expected to demonstrate a knowledge of, and an understanding of, the topic being examined rather than an ability for rote learning, although there are many occasions on which the latter is also necessary.

### Written examinations

From one to three hours' duration, these may be multiple-choice questions requiring minimal response, many questions requiring brief response or a few questions requiring extensive response. Frequently these are set in formal examination periods (end-of-semester and end-of-year), but this is not always the case.

### Essays

From a few hundred to several thousand words, these may be set at any time of the year.

### Clinical and social work placements

Most Health Sciences students and some other groups of students are required to undertake placements for various periods of time in relevant, practical environments which test their skills and knowledge and impart new skills.

### Work experience

Students in agriculture, engineering and some science courses are required to undertake up to 12 weeks of relevant work experience during their courses, though this does not always contribute to a final mark.

### Projects

These may be specified or left to the student's choice and range from minor to major.

### Practical classes

From one to many hours' duration, these are generally task-oriented, supervised and conducted at regular intervals (for example, weekly).

### Continuous assessment

This combines some of the above methods and may be an alternative to end-of-semester or end-of-year written examinations. The marks for many individual pieces of work are aggregated to give a final mark.

## Examination grades

A	B	C	D
80 - 100%	70 - 79%	60 - 69%	50 - 59%

P: ungraded pass. May also denote satisfactory completion of a masters preliminary course or postgraduate thesis.

X: no formal grade has yet been recorded in the case of a course taken over several years, and the student may proceed with the remainder of the course.

H1, H2A, H2B, H3: results for honours year work. May also be used to denote a graded pass in a masters preliminary course.

NC: granted a conceded pass.

SP: special examination granted.

N: failure.

NS: did not present any work for assessment by examination, by other form of assessment, or by both. Counted as a failure.

NX: excluded from examination. Counted as a failure.

W: result withheld.

K1: withdrawal first semester. Not counted as a failure.

K2: withdrawal second semester. Not counted as a failure.

KN: withdrawal. Counted as a failure.

KE: examination attempt annulled. Not counted as a failure.

KF: examination attempt annulled. Counted as a failure.

\*\* : no result yet.

NP: where a part-time student is taking first-year subjects and has obtained a mark eligible for a conceded pass at the completion of the first-year subjects.

SA: may present for supplementary assessment.

SAH: may present for supplementary assessment in a compulsory (hurdle) component.

SC: granted compensated/conceded pass; may be given the option to upgrade to a pass by supplementary assessment.

SP: granted a special examination.

## Supplementary assessment

The University has recognised two situations in which it is appropriate to provide the opportunity for supplementary assessment to facilitate student progression.

1. Students who obtain 50% or more in a subject but who have failed to meet a hurdle (compulsory) requirement in a subject will be offered supplementary assessment in order to meet this requirement (but see 4). Upon successful completion of supplementary assessment, the original mark will stand.
2. Students who have passed at least two-thirds of their total enrolment for the year shall be offered supplementary assessment in any failed subject for which a mark of 45% or more has been obtained (but see 4). Upon successful completion of supplementary assessment the final mark for the subject(s) will be 50%.
3. Supplementary assessment shall not be awarded where less than 45% is obtained in a subject nor where greater than one-third of a student's yearly enrolment is failed.
4. Students who fail to complete the assessment for a subject may be denied supplementary assessment by the Faculty concerned.
5. Students shall be given a minimum of two weeks' notice for supplementary (and special) examination, including details of the assessment.
6. Supplementary assessment shall be held only at the end of the academic year, unless Faculty Boards determine that appropriate arrangements, including the mandatory two weeks' notice to students, can be made at the end of semester.
7. Students who are awarded a conceded pass (NC) are also eligible for supplementary assessment.

## Reconsideration of assessment results

Requests for advice on performance in assessment tasks should be addressed to the member of staff concerned. The Head of School should be approached should re-marking be desired. Any student has the right to appeal to the Dean and finally the Ombudsman should they still be dissatisfied.

## Plagiarism

Plagiarism occurs when someone copies or reproduces another person's words or ideas and presents them as his or her own without proper acknowledgement. This includes copying the work of other students. It is a form of cheating and will be treated accordingly. To ensure that you

are not guilty of plagiarism you must, in all your written assignments, declare all sources from which you have obtained material or ideas. Students should check whether their school provides a guide on how to prepare written assignments.

The penalties for plagiarism are severe and are governed by University legislation. A student found to have plagiarised may be allocated no marks for the particular piece of work involved, or may be allocated a fail grade in that subject.

## Academic progress requirements

Every course offered by the University must be completed within a specified period of time. Typically, three-year Bachelor courses must be completed in six years of full-time study or nine years of part-time study and similar constraints apply to honours years, graduate diplomas, masters degree programs and doctoral degrees.

Each year, Faculty boards review the progress of their students.

Those whose academic progress is deemed to be unsatisfactory may be required to show cause why their enrolment should be permitted and may be refused re-enrolment or have their re-enrolment options limited.

More detailed information on this topic can be found in the regulations concerning academic progress of students and in the academic progress requirements of individual courses.

## Special consideration

Should students experience difficulty with their studies due to illness or other valid cause, they are invited to apply for special consideration. The appropriate form is available from student centres or Faculty offices. In some instances it may be appropriate to discuss the matter with an adviser of studies in the relevant Faculty or School.

## Aspects of enrolment

## Student centres

**Bundoora campus:** Staff at the student centre, on level 2 of the David Myers Building, are available to answer administrative queries between 8.45am and 4.45pm on Mon, Tues, Thurs, Fri, and between 8.45am and 4.25pm on Wednesdays. Queries on academic matters should be directed to an adviser of studies in your faculty of enrolment.

**Albury/Wodonga campus:** Students should refer their administrative queries to the Student Administration Office on the ground floor of the Main Building, Parkers Road, Wodonga. The office is open 8.30 am and 5.00 pm.

**Bendigo campus:** Students should refer their administrative queries to Student Administration, Administration Precinct, Edwards Road, Flora Hill. The office is open 10.00 am and 5.00 pm.

**Mildura campus:** Students should refer their administrative queries to the Information and Enrolment Centre. Prospective students requiring course material or other information about the University should contact the Higher Education Centre.

**Shepparton campus:** Students should refer their administrative queries to the General Office, 1 st floor, McLean Building. The office is open between 8.30 am and 5.00 pm.

## Double degrees and concurrent enrolments

The University offers a range of double-degree programs (for example, BA/BCom, BA/BEc and BA/BSc) which allow students to receive two three-year degrees after four years of full-time study. Details can be found in the Faculty sections of this *Handbook*.

A concurrent enrolment is a simultaneous enrolment in two courses which can normally be completed in less time than if they were taken separately. Thus, combinations of degrees can be taken for which there is no formal double-degree program. These are also referred to as combined degrees. Rules, guidelines and further information are available from the relevant Faculty office.

## Class attendance and submission of written work

Attendance at lectures is not usually recorded, but attendance may be recorded at tutorials. Attendance at practical classes is usually monitored. In many subjects satisfactory attendance at tutorials or practical classes is compulsory and essential for a pass in the subject. The submission of essays, assignments and other written work is recorded, and failure to submit without an acceptable reason may lead to the award of a fail grade.

## Variation of enrolment

Any changes to the status of your enrolment must be made through a faculty office or a student centre. This includes variation of enrolment, total withdrawal and deferment, transfer of course, credit, cross-institution subjects, change of name and change of address. In the first instance all enquiries concerning your enrolment should be directed to a faculty office or a student centre.

All changes to your enrolment should be made within the first four weeks following the start of the teaching period of the subject. Changes made in this period are not recorded on your academic record. Changes made after this period remain on your record and you will be liable for HECS for that enrolment, unless withdrawal is made before the HECS census date. The final decision on any change to your enrolment must be yours, but it should be made in consultation with an adviser of studies within your faculty of enrolment.

### Honours year studies

An honours degree is the normal prerequisite for entry to higher degree studies – masters and doctoral courses. It is usually awarded as a first class, second class (upper division), second class (lower division) or third class degree.

You can obtain an honours degree by taking a fourth year of study after completion of a three-year bachelor course, normally with a B-grade average or better. Entry to a fourth-year honours program is commonly by invitation only.

The course content is commonly a combination of course-work and minor thesis. In some cases a quota may apply to the number of candidates.

Some Schools offer joint honours programs which combine two disciplines. In many four-year bachelor courses it is possible to obtain an honours degree by achieving particularly good marks throughout the course or choosing an honours stream.

Failure to complete an honours program successfully does not jeopardise a student's entitlement to the pass degree.

### Higher degree studies

This information comprises only a brief introduction to the options available after completing a pass degree. More detailed information is available from school and faculty offices, the student centre and the Research and Graduate Studies Office.

### Masters preliminary or postgraduate diploma studies

Students who do not have an honours degree and who aspire to higher degree study may be permitted to undertake masters preliminary study, a non-award program which is generally equivalent to an honours year. Successful completion will normally qualify a student for entry to a masters program.

Some Schools do not offer a masters preliminary program – in those (and some other) Schools, completion of a postgraduate diploma may qualify a student for entry to a higher degree program.

### Higher degree studies (Masters, PhD)

Higher degree courses available at La Trobe include Masters by course-work, Masters by research, Doctor of Philosophy (the Ph.D) and professional doctorates. More details about these courses can be obtained in the *Postgraduate Handbook*.

### Student exchange programs

The University has an active and expanding program of reciprocal student exchanges. The University recognises the value of international experience to its students and wishes to encourage all eligible students to consider the inclusion of a period of study abroad as part of their degree program, if appropriate. Tuition fees are waived at the host institution and the University may offer subsidies to help defray the costs of travel and insurance.

As financial considerations tend to prove the biggest stumbling block to participation in overseas study programs, the University particularly wishes to encourage first-year students interested in the program to seek advice regarding financial planning for future overseas study as soon as possible.

The following programs are open to eligible students:

#### Asia

(Subjects taught in English)

India:	Delhi University (postgraduate only), Lady Shri Ram College (female undergraduate).
Korea:	Yonsei University <sup>1</sup>
Thailand:	Mahidol University <sup>1</sup>

Language Prerequisites apply to the following programs:

China:	East China Normal University.
Indonesia:	University of Indonesia; Hasanuddin University.
Japan:	Kansai Gaidai <sup>1</sup> ; Kyoto Tachibana Women's University.

#### Europe

(Subjects taught in English)

Denmark:	Aalborg University, Copenhagen Business School.
Norway:	University of Oslo, Norwegian School of Management (BI), Norwegian University of Science & Technology (NTNU).

Sweden:	University of Göteborg; University of Stockholm; University of Linköping, University of Kalmar.
The Netherlands:	Tilburg University.
United Kingdom:	Queen Margaret College, Scotland (media studies only), Royal Holloway - University of London.

Language Prerequisites apply to the following programs:

Austria:	University of Innsbruck.
France:	Université Lumière Lyon 2; Ecole Supérieure de Commerce de Rouen (Graduate School of Management only).
Germany:	Hochschule Für Wirtschaft und Politik (economics and social sciences students only), University of Bonn.
Greece:	Aristotle University of Thessaloniki.
Italy:	University for Foreigners in Perugia, Libero Istituto Universitario Carlo Cattaneo.
Spain:	University of Barcelona.

### North America

(Subjects taught in English)

Canada:	University of Calgary.
United States of America:	University of California, with the following campuses: Berkeley, Davis, Irvine, Los Angeles, Riverside, San Diego, Santa Barbara, Santa Cruz; George Mason University, University of Oregon, State University of New York at Oswego, Washington State University, University of Washington.

**Key:** 'these programs are offered in the International Divisions of the respective universities.

Intensive language programs are offered; other tuition is in English.)

New exchange agreements are signed from time to time and students should watch the faculty notice boards for details of new exchange opportunities. Other funded study abroad opportunities emerge from time to time and are advertised as they become available.

The University currently has more than 80 partner institutions providing opportunities for individual student placements in addition to the program outlined above. Such opportunities are particularly appropriate to postgraduate students.

A most exciting development is the creation of a network of international universities led by La Trobe University and the Flinders University of South Australia. This network, established formally in late 1999, has created opportunities for students to receive credit for study at partner universities towards their degrees at La Trobe.

Partner universities include leading universities in Europe, Asia and North America at this stage. It is expected that other universities will join the network. Students wishing to obtain further details should contact the International Programs Office (see below).

### Why study abroad?

- to experience a completely different academic environment, while still making progress towards a degree at La Trobe University;
- to become fluent in another language;
- to gain insights into and appreciation of the cultures and institutions of other peoples; and
- to gain personal maturity, a sense of independence, self-knowledge and confidence.

### Who is eligible?

All students enrolled in, and/or eligible to maintain enrolment in, award programs at undergraduate or postgraduate level for the period of exchange are able to apply for exchanges under the above agreements. Students must meet program-specific eligibility criteria. Generally, students are expected to undertake a full-time workload.

### Academic program

Despite the differences in academic year commencement dates, it is usually possible to undertake a full-time program within a calendar year and thus keep in step with the academic calendar at La Trobe University. With careful planning, students should be able to receive credit towards their degrees. Successful applicants must negotiate proposed credit with their faculty before departure. Students should provide a typed letter from their faculty office, recommending the level and number of subjects/hours which will constitute a full-time course-load at the host university, and specific details of the credit that will be granted.

Under normal circumstances your program should be discussed with departmental/school advisers in the first instance, and on the basis of their written advice, the faculty office will prepare you a letter of credit. Health Sciences students should note that there are no programs available at present which offer clinical studies. Schools may have their own arrangements for overseas clinical placements.

## General Information

If selected, a student may take advantage of academic and cultural opportunities not available at La Trobe, to concentrate on language or area studies on site, do research, or specialise in a particular academic field.

Students are not obliged to undertake a program of study which will give credit towards a degree, but full-time enrolment normally is essential.

### Selection requirements

Students must have completed at least the first year of their undergraduate degree course at a satisfactory academic level (usually a B average). Selection is based on academic preparedness, seriousness of purpose and adaptability to a new culture.

In addition, the University must be satisfied that the applicant has sufficient financial resources.

First-year students may apply, but acceptance of an application is conditional upon satisfactory completion of first-year.

Applicants must be available for interview if requested. Any vacancies after the formal selection process will be filled on a first-come basis for eligible students, and/or by invitation.

Once selected, applicants must pass the admission requirements of the host university.

Postgraduate students who have been enrolled for about one year and who have made satisfactory progress with their research are eligible for selection.

### Costs

Tuition fees are generally waived under the terms of student exchange agreements. Most programs offer student subsidies. Other financial benefits are sometimes available, with details in individual program information handouts.

Austudy is generally available to eligible students studying for credit towards their La Trobe University degree. Students are responsible for the cost of return airfares and vacation, travel and personal expenses.

### Further information and applications

Program-specific information is available on request. All students interested in exchange programs should watch faculty and school notice-boards, and campus daily news sheets for details of information sessions, programs and application deadlines.

Further information is available from:

**Albury-Wodonga:** Office of the Pro-Vice-Chancellor  
**Bendigo:** International Operations Office  
**Bundoora:** International Programs Office  
or contact:

Elizabeth Hill  
Education Abroad Coordinator  
International Programs Office  
Level 2, Peribolos East  
La Trobe University, Bundoora, 3083, Vic.  
Telephone: (03) 9479 1249  
Fax: (03) 9479 3360  
Email: e.hill@latrobe.edu.au

Copies of course handbooks for all the universities and campuses in the program are held in the Borchardt Library, Bundoora campus and in the above offices. Students are advised to consult these to decide which university will best meet their needs.

Students based at campuses other than Bundoora should, in the first instance, see the student exchange program. Student reference material and information kits are held at each of the offices listed above.

### International Offices

The International Programs Office, situated on the Bundoora campus, and the International Operations Office at the Bendigo campus, are responsible for the admission, orientation, and welfare of international students. These offices also provide advice to prospective students from overseas on study opportunities at La Trobe and information on the procedures for obtaining a student visa.

An important function of the offices is to provide assistance and counselling in a variety of areas, including study problems and settling-in difficulties.

These offices are the main source of information on student exchanges and study abroad programs. For further information telephone (03) 9479 1199 or fax. (03) 9479 3660 at Bundoora or telephone (03) 54447389 at Bendigo.

### Language Centre

The Language Centre located on the Bundoora campus provides a variety of programs in English as a Second Language (ESL), languages other than English (LOTE) and teacher training (Cambridge RSA CELTA). Full-time, intensive, ESL courses are offered to fee-paying international students and migrants.

English as a Second Language - 1 (EDBE433) is an interdisciplinary subject which may count for credit towards any degree. It provides the opportunity for international students to further develop their English language skills and understanding of cross cultural differences in academic culture.

Details are available from the Language Centre or the International Programs Office. The Centre's extensive technical services and facilities support these programs and those of the language-teaching Schools. For further information, contact the Language Centre, corner of Crissane Road and Waterdale Road, Bundoora, telephone (03) 9479 2417 or fax. (03) 9479 3676.

Non-native speakers of English in all Faculties can contact the Language Centre's Language and Academic Skills (ESL) Unit in room 417, Humanities 3 building, tel: (03) 9479 2788.

### Continuing education

The University offers opportunities for professionals, graduates, students and members of the community to access a range of study programs, single subjects, short courses, conferences, workshops, seminars, tours and distance education. Continuing education programs provide specialist and professional training or simply an opportunity to study for personal interest. These programs can provide a pathway for anyone interested in commencing, continuing or returning to study. For further information, contact the relevant faculty or school.

### Sources of academic assistance

Each faculty has appointed advisers of studies to help students plan their courses and has also established language and academic skills units (LASUs) to assist students to study, to understand written material better and to express themselves well.

### Advisers of studies

Consult your school or faculty office for a list of advisers of studies.

### Language and academic skills assistance

At the Bendigo and Bundoora campuses a number of units work in co-operation. They teach academic discourse in the context of academic disciplines, develop students' understanding of their own learning processes, improve students' analytical skills within the academic culture, develop writing and language skills, and ensure that University's graduates are linguistically competent. The units are:

#### Educational Services Unit, Bendigo

tel: (03) 5444 7223

#### Humanities Academic Skills Unit (HASU), Bundoora (Faculty of Humanities and Social Sciences)

tel: (03) 9479 2535

#### Language and Academic Skills (ESL) Unit, (For non-native speakers in all Faculties)

Rooms 416, 418 and 420, Humanities 3 building, Bundoora  
tel: (03) 9479 2788

#### Language and Academic Skills (LAS), Bundoora (Faculty of Science, Technology and Engineering)

tel: (03) 9479 2432

#### Language and Academic Skills Unit (LASU), Bundoora (Faculty of Law, Business and Management)

tel: (03) 9479 2665

#### Study Skills Assistance Scheme (SSAS), Bundoora (Faculty of Health Sciences)

tel: (03) 9479 3583

Students on other campuses should contact their campus manager or student centre or see the campus entry in the *Handbook*.

### Financial assistance

Changes occur in the conditions of assistance, scholarships and prizes. All intending applicants are advised to check current details with counsellors on each campus who are available for assistance on all financial matters.

### Austudy and Youth Allowance

Austudy is the Commonwealth Government student assistance scheme which provides assistance to students 25 years of age and over, undertaking approved full-time secondary and tertiary studies. For those under 25 years of age 'Youth Allowance' provides similar benefits. The assistance is subject to a means test and to certain conditions of eligibility.

All students are encouraged to obtain advice and if appropriate apply through the relevant student advisory service on their campus. Application forms can be picked up from Student Accommodation and Financial Services. For additional information visit the Internet site at: <http://www.centrelink.gov.au>.



### Aboriginal Study Assistance Scheme (ABSTUDY)

This Scheme has not been affected by the introduction of the 'Youth Allowance'. This scheme is a Commonwealth Government scheme for Aboriginal and Torres Strait Islander students. They must be studying an approved course, not receiving any other government assistance and be over 14 years of age.

Further advice and application forms are available at the Aboriginal Tertiary Support Unit at Bendigo, the Aboriginal Liaison Unit at Bundoora, or Aboriginal Liaison Officers at Albury/Wodonga, Mildura and Shepparton. ABSTUDY application forms are also available from any DETYA office or you can phone ABSTUDY on 132 317.

### Postgraduate awards

La Trobe University offers a number of awards for candidates who wish to undertake a higher degree by research. Scholarships are awarded on the basis of excellence to persons of exceptional promise.

Details are available from the Research and Graduate Studies Office at the Bundoora campus. The closing date for awards for 2000 is 31 October, 1999.

To be eligible for most awards applicants must have completed at least four years of tertiary studies or equivalent and hold qualifications at Honours I or equivalent level.

Application kits and further details on the eligibility criteria and conditions are available directly from the school in which you wish to study, or by accessing the World Wide Web site at <http://www.latrobe.edu.au/www/rsgso/>

Successful research applicants will normally receive a non-taxable stipend and a HECS exemption scholarship.

### Scholarships and prizes

See Awards section of this *Handbook*.

### Student Loan Fund and Loans Scheme for Permanent Resident Fee-Paying Postgraduates

Loans are available for students in need of either short-term or long-term financial assistance. Maintenance of the fund is dependent upon the repayment of loans.

Application forms are available from Student Accommodation and Financial Services at Bundoora, or student counsellors at other campuses. See also the Web site: <http://www.latrobe.edu.au/www/finaid/> or [safso@latrobe.edu.au](mailto:safso@latrobe.edu.au)

Two schemes are available to permanent resident fee-paying postgraduate students. The Student Loan Fund, referred to above, can now be utilised for the direct payment of course fees. This loan is means tested and is available to enrolled permanent resident students who are deemed ineligible for a commercial loan. Loans are interest-free but require a guarantor. The La Trobe University Credit Union's loan package is in the form of a direct payment made to the Faculties on behalf of the student. A competitive interest rate applies under the usual conditions of a personal loan, and no guarantor is required. For more information phone: Bundoora 9479 2112 (Student Loan Fund), Bendigo 5444 7841 (Student Loan Fund), Bundoora 9478 8222 (Credit Union loan), or Bendigo 5444 7956 (Credit Union loan).

### Campus services – Metropolitan

(Regional campus services are listed in the relevant campus chapters of this *Handbook*).

#### Computing

Information Technology Services provides computing, data and voice services for administration, research, library and teaching. On-campus access to computer facilities is free to staff and students for official projects authorised by a Head of Department, Head of School, or Faculty office.

#### Library

The La Trobe University Library provides resources and services to support teaching, learning and research at the metropolitan, Albury/Wodonga, Bendigo, Shepparton and Mildura campuses. The services outlined below are those provided at the metropolitan campuses.

The major collections are held in the Borchardt Library at the Bundoora Campus. The library holds over a million books, a large number of journals and a substantial audio-visual collection which includes videos, sound recordings and related musical scores, laser discs and multimedia CD-ROMs, slides and anatomical models. There is a strong government publications collection in the social sciences. All collections and the collections of the Bendigo and Albury/Wodonga campus libraries can be accessed by the library's computer catalogue, which is also available via the Internet. Access to a wide range of electronic information resources on CD-ROM and through the Internet is also provided.

For approved borrowers, the library provides access to the total

resources of the University library and national and international libraries through its inter-campus and inter-library lending and document delivery services.

The library participates in a reciprocal borrowing program with all other Victorian universities and many Institutes of Technical and Further Education. This system, known as the CAVAL system, enables La Trobe University students and staff to borrow from other participating libraries.

Services include advice and assistance in the use of library resources and assistance in locating information, utilising CD-ROM databases, on-line databases, library catalogues and networked electronic resources through the Internet.

The library's home page ([www.lib.latrobe.edu.au](http://www.lib.latrobe.edu.au)) provides easy access to the library's catalogue and information about the library, the University, electronic publications, subject lists to electronic information resources, and to a wide range of databases available on the Internet.

A range of programs to develop the information skills of library users is offered.

The library makes available the latest in educational and information technology, including workstations for accessing the Internet, electronic indexes and full-text databases, multimedia workstations, and networked private and group video viewing areas.

A large number of study carrels are provided with ready access to the collections. Individual bookable study carrels are available in the Borchardt Library. Copytex card-operated photocopying facilities are also provided.

### Aboriginal Liaison Unit

**Location:** Agora (behind the Westpac Bank), Bundoora campus  
**tel:** (03) 9479 3817, **fax:** (03) 9479 1863

**eMail:** [alo@latrobe.edu.au](mailto:alo@latrobe.edu.au)

**WWW:** <http://www.latrobe.edu.au/www/alo/>

The Aboriginal Liaison Unit provides academic assistance and tutorial services to Aboriginal and Torres Strait Islander students, and assists prospective Aboriginal and Torres Strait Islander students with enrolment enquiries. It also provides a meeting place for the Aboriginal community.

### Counselling Service

**Location:** Level 2, Peribolos East

**tel:** (03) 9479 2956

**fax:** (03) 9479 2183

**eMail:** [counselling@latrobe.edu.au](mailto:counselling@latrobe.edu.au)

**WWW:** <http://www.latrobe.edu.au/>

The Counselling Service supports students in their academic endeavours by providing counselling and group programs which promote psychological and social development, thereby optimising opportunities for academic success. Students use the Service to discuss study-related issues (motivation, procrastination, and anxiety about exams or class presentations, etc.), personal dilemmas, family and relationship issues, or to talk over significant life decisions. Counselling is confidential and free. The service runs a comprehensive workshop program, advertised widely at the commencement of each semester.

### Careers Service

**Location:** (Bundoora campus) Level 2, Peribolos East

**tel:** (03) 9479 2459

**fax:** (03) 9479 1989

The Careers Service assists students to find graduate employment, offers a comprehensive workshop program aimed at enhancing students' employability (skills identification, resume writing and interview techniques, to name a few) and carries resource materials on courses, careers and employers. The Service has an on-line job vacancy service which students can access by registering with the Service through its website. An *Essential Careers Guide* is produced and this, together with many other extremely useful publications, is available from the Service. Short-term careers counselling assistance is also available to enrolled students.

### Health Services

#### La Trobe University Medical Centre

**Location:** Corner Plenty Road and Kingsbury Drive

**tel:** (03) 9473 8888

**fax:** (03) 9473 8905

**email:** [talktous@lumc.com.au](mailto:talktous@lumc.com.au)

The Medical Centre provides a range of health care services including general practitioner consulting. The latter service is offered to the University community free of charge (Medicare). Additional services include physiotherapy, radiology, obstetrics, occupational therapy,

## General Information

ophthamology, optometry, orthoptics, sports injury treatment, pathology, ambulance, blood donor and short stay in-patient facilities.

### Chaplains

**Location:** Level 2, Peribolos East, Bundoora campus  
**tel:** Peter Leslie: (03) 9479 1479;  
Liam Mackle: (03) 9479 2979.

Chaplains from various denominations are available to students and staff of all campuses to help with routine issues and emergencies of life on a confidential basis. The chaplains offer a variety of short courses, seminars and workshops throughout the academic year. With a few exceptions, these are free and can be completed in six, one-hour weekly segments. A regular opportunity for worship is offered daily. Chaplains also help you find your local church and denominational groups on the campus.

### Children's Centre

**Location:** South of car park 6, with access from the Outer Ring Road, Bundoora campus, **tel:** (03) 9479 2122 or (03) 9478 9422  
The Children's Centre provides full-time, part-time and casual care for children of students and staff. In addition to providing high-quality care for children, the Centre provides a registered kindergarten service.

### Parents and Children's Co-operative

**Location:** Behind the Union Hall, Bundoora campus  
**tel:** (03) 9479 2526

The Co-operative is a Class I, registered child care centre, funded by the Union for students. Parents are expected to participate in the day-to-day running of the Co-operative's child minding and associated activities on a roster system. The Union employs three trained staff members; two full-time and one part-time child-care worker.

### Dental Service

**Location:** Level 1, Peribolos East building, Bundoora campus  
**tel:** (03) 9479 2990

The Dental Service is open to student members of the University. It is funded and run by the Students' Representative Council, with minimal fees charged for services.

### Disability Advisor

**Location:** Equity and Access Unit, Level 1, Peribolos East  
**tel:** (03) 9479 1510

Upon evaluation, support services are available to students with disabilities or additional needs. For further information regarding support and resources contact the Disability Advisor.

### Student Accommodation and Financial Services

**Location:** Level 2, Peribolos East building, Bundoora campus  
**tel:** (03) 9479 2112, (03) 9479 2053  
**fax:** (03) 9479 1053  
**email:** fao@latrobe.edu.au  
**Email:** h.tan@latrobe.edu.au for accommodation issues

The service exists to assist students (and staff) with financial and accommodation information. The service provides information about all forms of on-campus and off-campus accommodation and maintains current records of available accommodation. The Service provides information about tenancy difficulties and can supply application forms for on-campus housing.

Staff are available to assist with matters involving Youth Allowance, Austudy and other Centrelink benefits. Enrolled students can apply for financial assistance from the University's Students' Loan Fund, which is administered through the Office. Further information is available from the website: <http://www.latrobe.edu.au/www/finaid/>

### Security escort service

**Location:** Central Control,  
**tel:** (03) 94792012,  
**emergency tel:** (03) 9479 2222.  
**Public phone free call to central control:** 1800 800 613

The University Courtesy Bus Service is provided for the safety and well-being of the University community. When the library is open in the evening the bus departs every 30 minutes from the east side of the library, between the library and the Donald Whitehead building at five past and 35 past the hour, commencing at 6.05 pm until 10.05 pm and escorts staff and students to the academic buildings, car parks, colleges, the University Lodge, Language Centre, Barnes Way and the tram stop.

When the library is closed and at week-ends an escort can be arranged by telephoning 9479 2012. Use only this extension so that emergency lines are kept free.

Escorts will not commence until after dark and cease at 5.30 am. This service is provided for people who are alone and who feel their

safety is at risk. For personal security, individual escorts will be provided between the academic buildings, car parks, colleges, tram stop, Language Centre, Barnes Way and the University Lodge. Escorts will not be provided for the purpose of shopping, travelling to McDonalds or carrying luggage. Security may request students to present their ID cards and escorts will never be provided for anyone who appears intoxicated or is consuming or carrying alcohol.

### Student organisations

#### La Trobe University Postgraduate Association (LUPA)

**Location:** Upper level, West end, Union Building, Bundoora.  
**tel:** (03) 9479 2438  
**fax:** (03) 9479 5617  
**eMail:** [lupaoffice@latrobe.edu.au](mailto:lupaoffice@latrobe.edu.au)  
**Web:** <http://www.latrobe.edu.au/www/lupa/>

LUPA exists to represent the interests of all postgraduate students, including those undertaking graduate and postgraduate diploma courses, coursework and research masters degrees, and doctoral degrees. LUPA is governed by a committee elected by postgraduate students annually and is supported by three staff. Its main activities include coordinating postgraduate representatives on University committees and LUPA representatives in the Schools, assisting postgraduates with academic grievances and difficulties, conducting surveys and other forms of research into postgraduate issues, initiating projects and lobbying the University on behalf of postgraduates, organising seminars on issues of relevance to postgraduate students, publishing LUPA's newsletter, 'The Post' and a postgraduate handbook, organising social functions to develop a postgraduate culture and promote interdisciplinary research, and collecting reference materials relevant to postgraduate students.

#### Sports and Recreation Association

**Location:** Sports Centre, near car park 6, Bundoora campus  
**tel:** (03) 9479 2973

The Sports and Recreation Association's (SARA) facilities include the La Trobe Sports Centre, the ovals and playing fields located south of Kingsbury Drive, Bundoora campus, a synthetic hockey pitch located on Plenty Road in Reservoir and a ski lodge at Mount Buller.

All La Trobe students, staff and graduates are eligible to join SARA. Members receive discounted rates on use of all Sports Centre facilities and may join any of the Association's 30 affiliated clubs.

#### Student clubs and societies

Clubs at La Trobe are organised by the Students' Representative Council Inc. (SRC) and SARA. All clubs are able to use Union facilities and rooms. There are more than 100 clubs and societies throughout the University.

#### Students' Representative Council Inc.

**Location:** Agora (above the Commonwealth Bank), Bundoora.  
**tel:** (03) 9479 2976; <http://www.union.latrobe.edu.au/>

The SRC on the Bundoora campus comprises 19 members elected directly from the student body each year. The main committees are education and welfare group, public affairs and social action, women's department, Aboriginal and Islander Student Association, Environment Action Collective, clubs and societies, multicultural department, and publicity department

Other facilities provided by the SRC include a dental service, legal service, second-hand bookshop and driving school. The SRC also employs two staff members who are available to assist students who are experiencing problems with their courses, assessment, show cause, or any other aspects of their dealings with the University. SRC meetings and committee meetings are open to all students of the University and are publicised in the 'Ratsheet', the daily news-sheet. 'Rabelais' is the SRC fortnightly newspaper.

#### Union

**Location:** Union building, Bundoora campus  
**tel:** (03) 9479 2166

**Union Services Centre, Agora, Bundoora campus**  
**tel:** (03) 9479 2314;  
**WWW:** <http://www.union.latrobe.edu.au/>

The Union is the social and cultural centre of the University and as such, provides a wide range of facilities and services for the campus community.

The Union Board is the policy-making body of the Union, controlling the services and facilities of the Union, the Eagle Bar & Bistro, the Union Hall, the Moat Theatre and the Agora shopping centre. Union Board meetings are held monthly and all members of the Union are welcome to attend. Membership is available to staff and students of the University.



**Location:** Student Union floor, Bendigo campus  
**Tel:** (03) 5444 7514

Membership of the Student Association is open to all students who are enrolled on the Bendigo campus. The Association provides students with a number of services both on and off campus. Contact the Student Association office or refer to the Bendigo Faculty entry in this *Handbook*.

At other campuses local arrangements have been made to supply a range of student services. Enquiries may be made through the relevant campus office.

### **Public transport**

At Bundoora public transport is available between the campus and

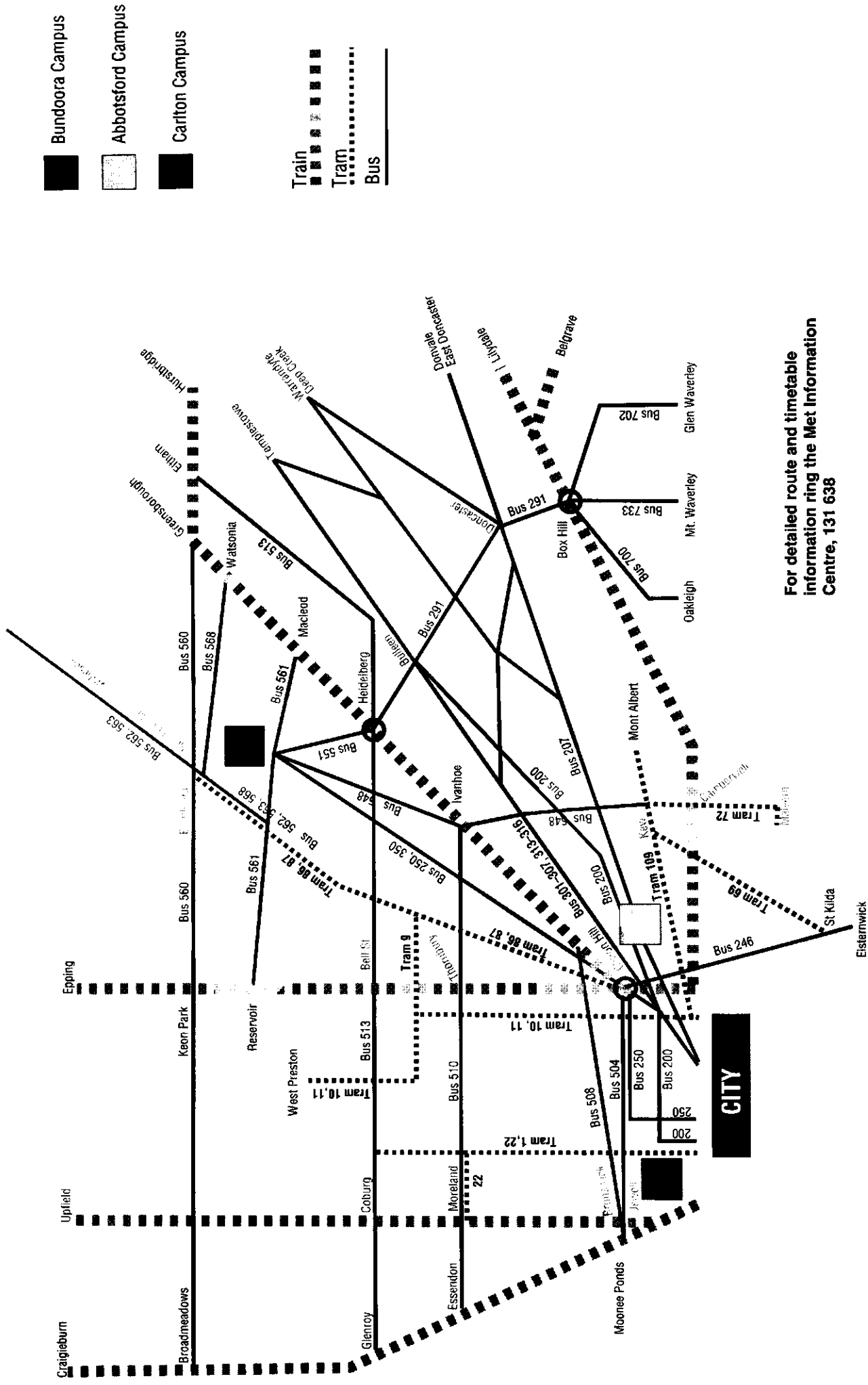
the city and most of the northern suburbs. Services between Bundoora and the eastern and western suburbs are less satisfactory, although basic services exist.

From the southern suburbs to Bundoora, journeys are long but reasonably efficient connections are available through the city. Met services run all year round, while private buses run Monday to Friday, usually not on public holidays and rarely after 7.00pm. Details of transport at other campuses may be obtained from the relevant campus office.

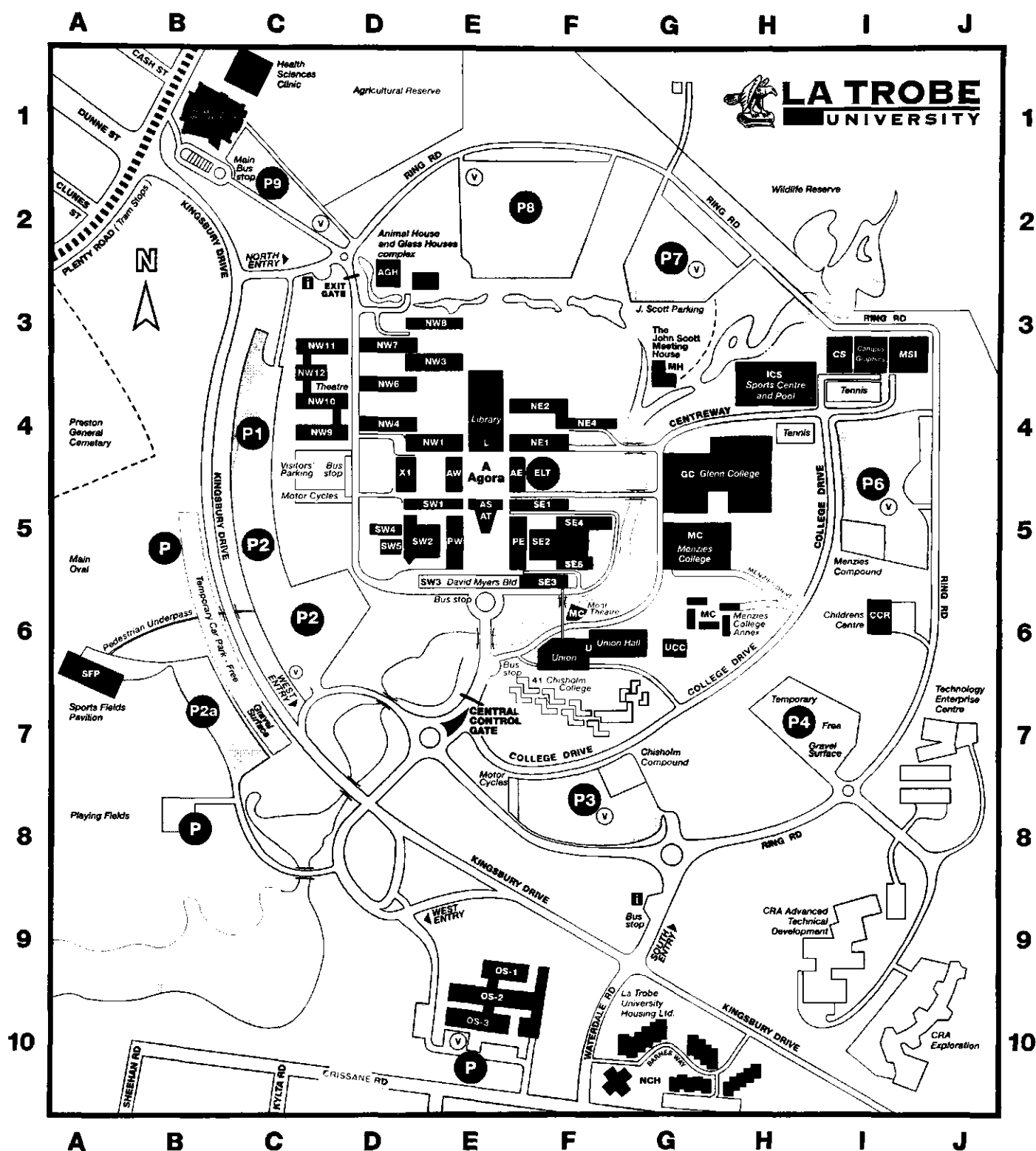
### **Maps**

Maps outlining access to and the layout of all of the University's campuses follow.

How to get to La Trobe University by Public Transport



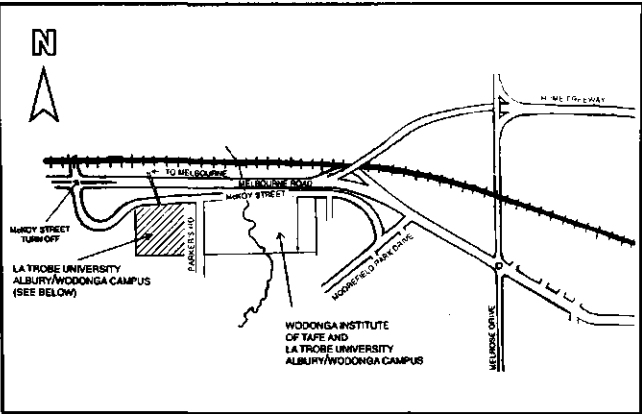
For detailed route and timetable  
information ring the Met Information  
Centre, 131 638



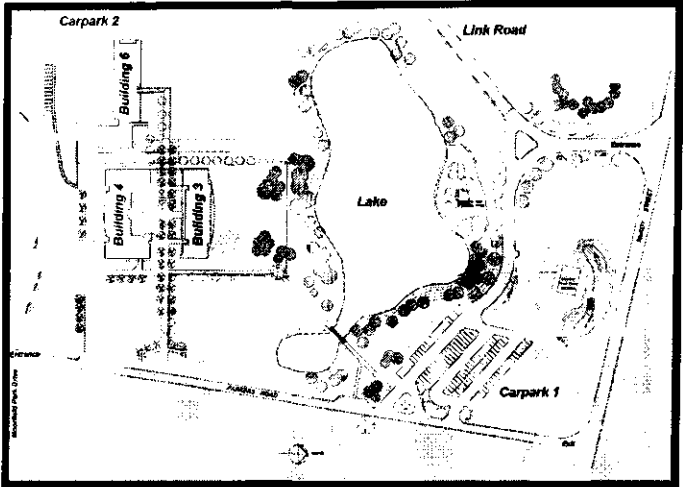
A	Agora	E5	SE6	Education	F5	MCA	Menzies College Annexe	G6
AE	Agora East	E5	SW4	Beth Gleeson Building	D5	MT	Moat Theatre	F6
AW	Agora West	E5	GC	Glenn College	G4	NCH	Non-Collegiate Housing	G10
AS	Agora South	E5	SE4	Humanities 2	F5	OS1-3	Drama, Language Centre	E10
AT	Agora Theatre	E5	SE1	Humanities 3	F5	PE	Peribolos East — Student Services	E5
AGH	Animal and Glass Houses	D3	CS	Landscaping Depot	I3	PW	Peribolos West — Computer Centre	E5
NW6	Agriculture	D4	SW5	Lecture Theatre Complex	D5	SW1	Physical Sciences 1	E5
NW8	Behavioural Sciences 1 (G. Singer)	E3	L	Library	E4	SW2	Physical Sciences 2	E5
NW3	Biological Sciences 1	E3	NW9	Health Sciences 1	C4	NW1	Physical Sciences 3	E4
NW7	Biological Sciences 2	D3	NW10	Health Sciences 2	C4	NW4	Physical Sciences 4	D4
CCR	Children s Centre	I6	NW11	Health Sciences 3	C4	NE2	Social Sciences	E4
CC	Chishom College	F7	NW12	Theatres	C4	ISC	Sports & Recreation Centre	H4
SW3 D.	Myers Bldg (W) Admin.	D6	MH	John Scott Meeting House	G4	SFP	Sports Fields Pavilion	B8
SE3 D.	Myers Bldg (E)	E6	MS1	Maint. Depot & Central Stores	I3	XI	Thomas Cherry Building	D4
NE1 D.	Whitehead Bldg	E4	NE4	Martin Building	F5	U	Union	F6
ELT	East Lecture Theatre	F4	MC	Menzies College	G5	UCC	Union Children s Co-op	G6
SE2	Education	F5						

# Albury/Wodonga Campus

Location Map

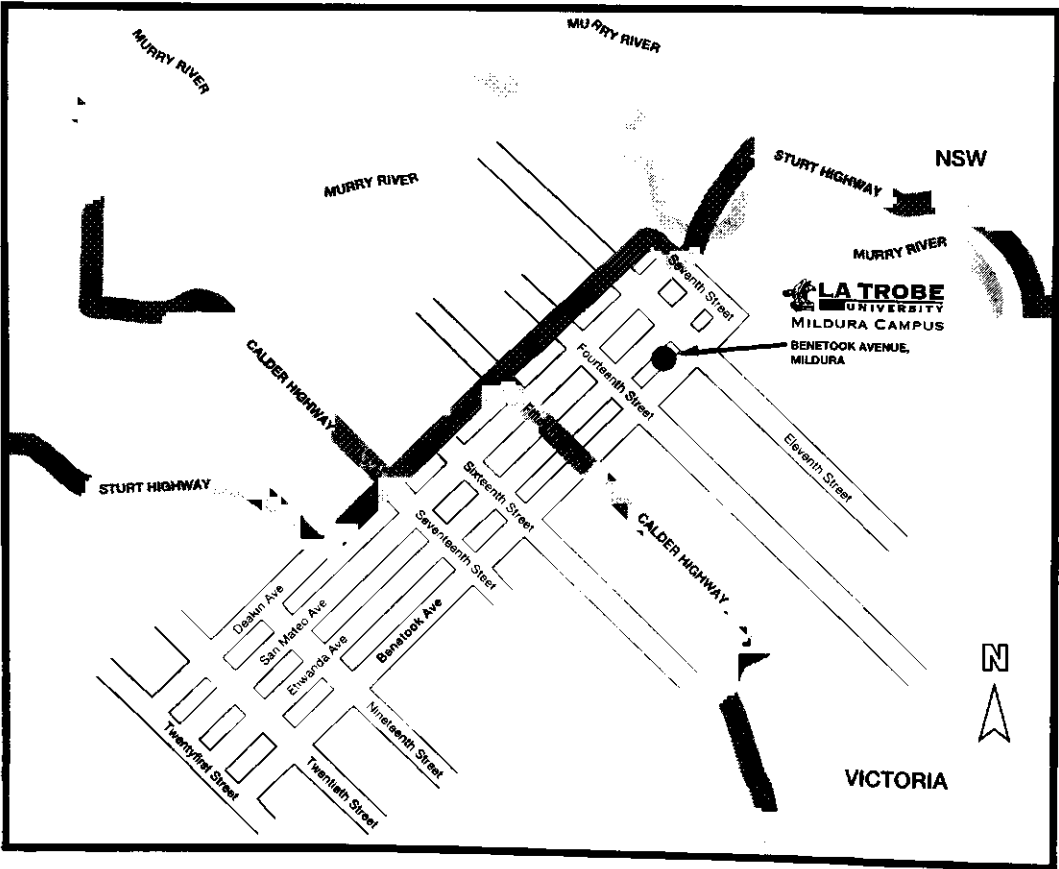


Campus Map



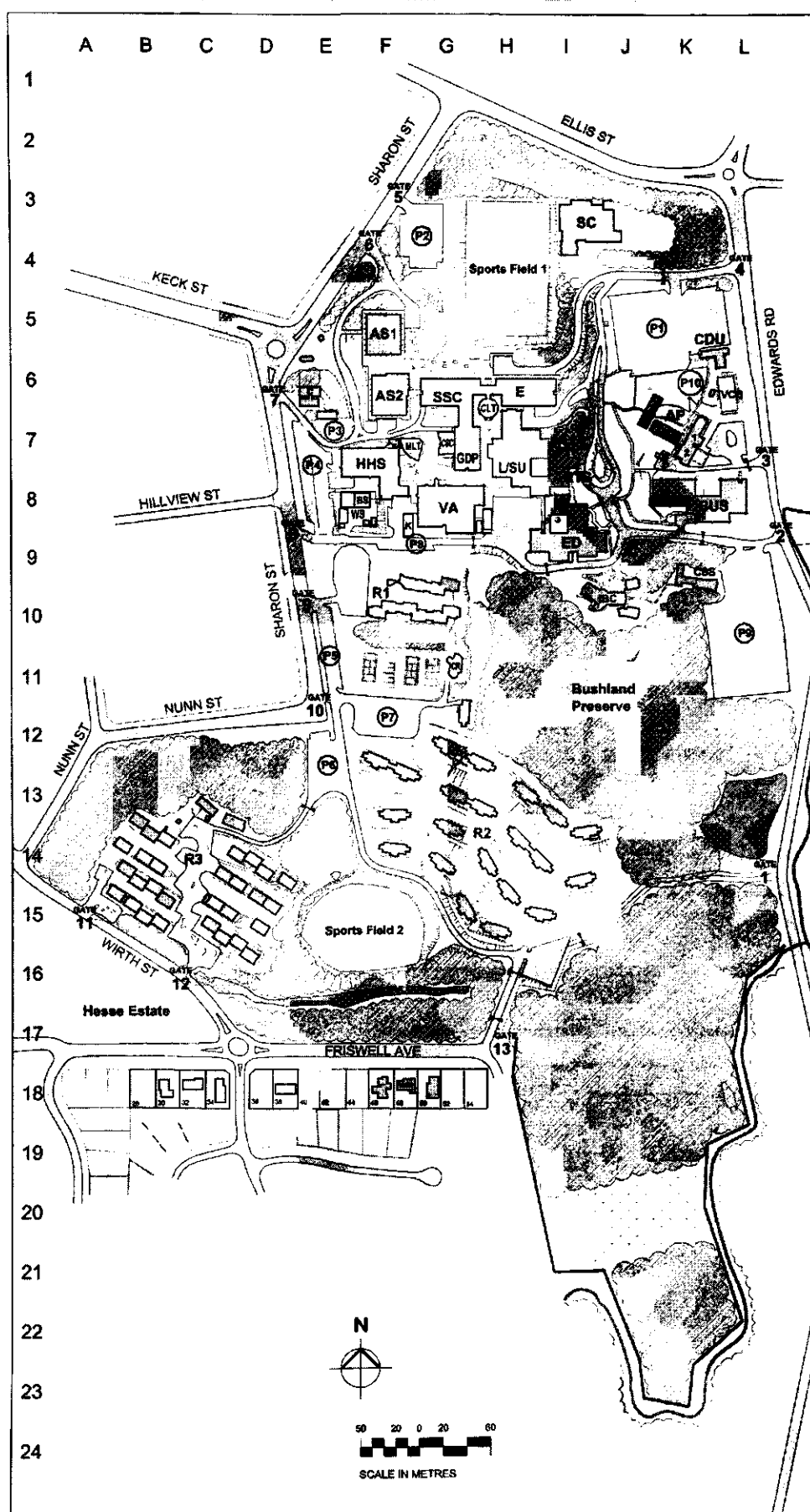
# Mildura Campus

Location Map



(co-located with Sunraysia Institute of TAFE)

# Bendigo Campus



## LEGEND

AP	Administrative Precinct	K7
	1. Office of PVC/Dean, Office of Registrar	
	2. Financial Services	
	3. Personnel and Payroll	
	4. Student Administration Centre, Higher Degrees Office	
AS1	Applied Science 1	F5
	Biology, Chemistry, Bio-Chemistry, Geology	
AS2	Applied Science 2	F6
	Biology, Engineering, Geology, Instrumentation, Scientific and Industrial Research Facility, Physics	
ARTS	Arts	I7
	Humanities, Social Science, Psychology, Centre for Sustainable Regional Communities	
BS	Bulk Store	F8
	Mail Centre	
BUS	Business	K8
	Accounting and Business Management, Information Technology, Mathematics	
CDU	Campus Development Unit	L5
	Vehicles, Parking, Assets, Maintenance, Landscaping, Design and Planning	
CSS	Canoe Shed and Stores	K9
P1	Carpark 1	K5
P2	Carpark 2	G4
P3	Carpark 3	E7
P4	Carpark 4	E8
P5	Carpark 5	E11
P6	Carpark 6	E13
P7	Carpark 7	F12
P8	Carpark 8	F9
P9	Carpark 9	L10
P10	Carpark 10 (Visitors)	K6
CLT	Circular Lecture Theatre	H6
CR	Student Residences Common Room	G11
CSC	Computer Centre	G7
	Desktop Systems Support Group, Information Technology Services	
C	Creche	E6
ED	Education	I9
E	Engineering, Industrial Testing	H6
GDP	Graphic Design, Photography, Multi-media	G7
HHS	Health and Human Sciences	F7
	Nursing, Social Work, Public Health	
IBC	Ironbark Centre	J1
	Outdoor Education, Nature Tourism, Science Education	
K	Kilns	F8
L/SU	Library and Student Union	H7
	Heyward Library, Student Association, Canteen, Bistro, Media Services, Printery	
WS	Maintenance Work Shops	E8
MLT	McKay Lecture Theatre	F7
SC	Sports Centre	I3
SSC	Student Services Centre	G6
R1	Student Residences The Units	F9
R2	Student Residences The Terraces	G13
R3	Student Residences Robert Holmes Village	C14
VCB	Vehicle Compound	L6
VA	Visual Arts	G8
	Ceramics, Painting, Printmaking, Art Education	



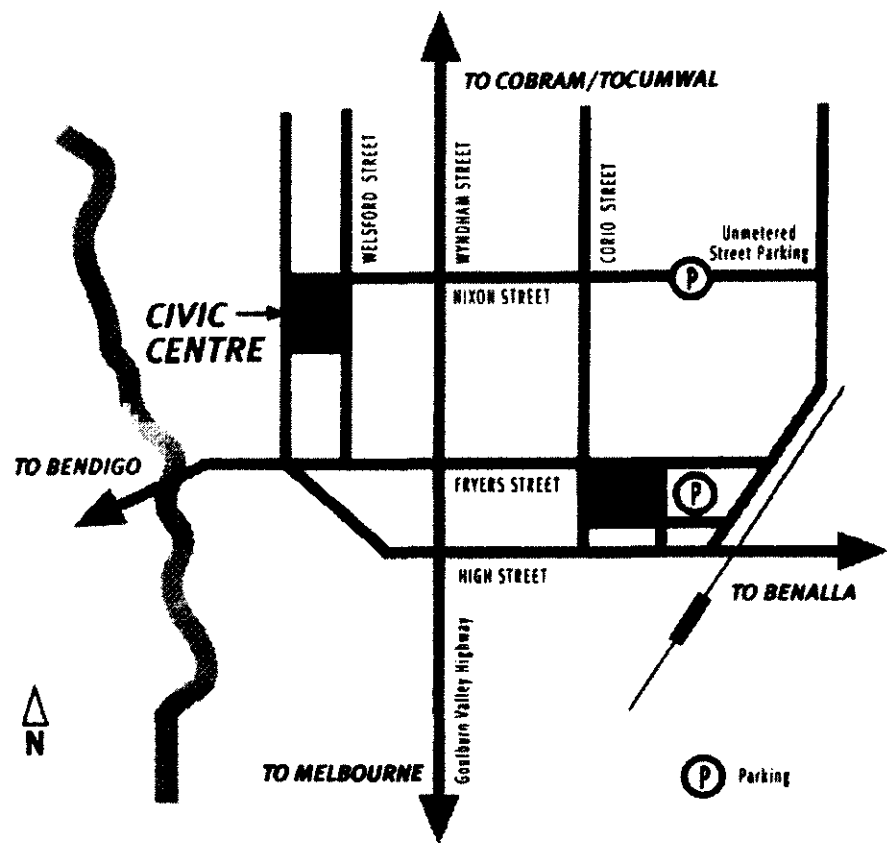
## BENDIGO CAMPUS PLAN

Campus Development Unit Ph: 54 447 439  
Web Address: [www.bendigo.latrobe.edu.au](http://www.bendigo.latrobe.edu.au)

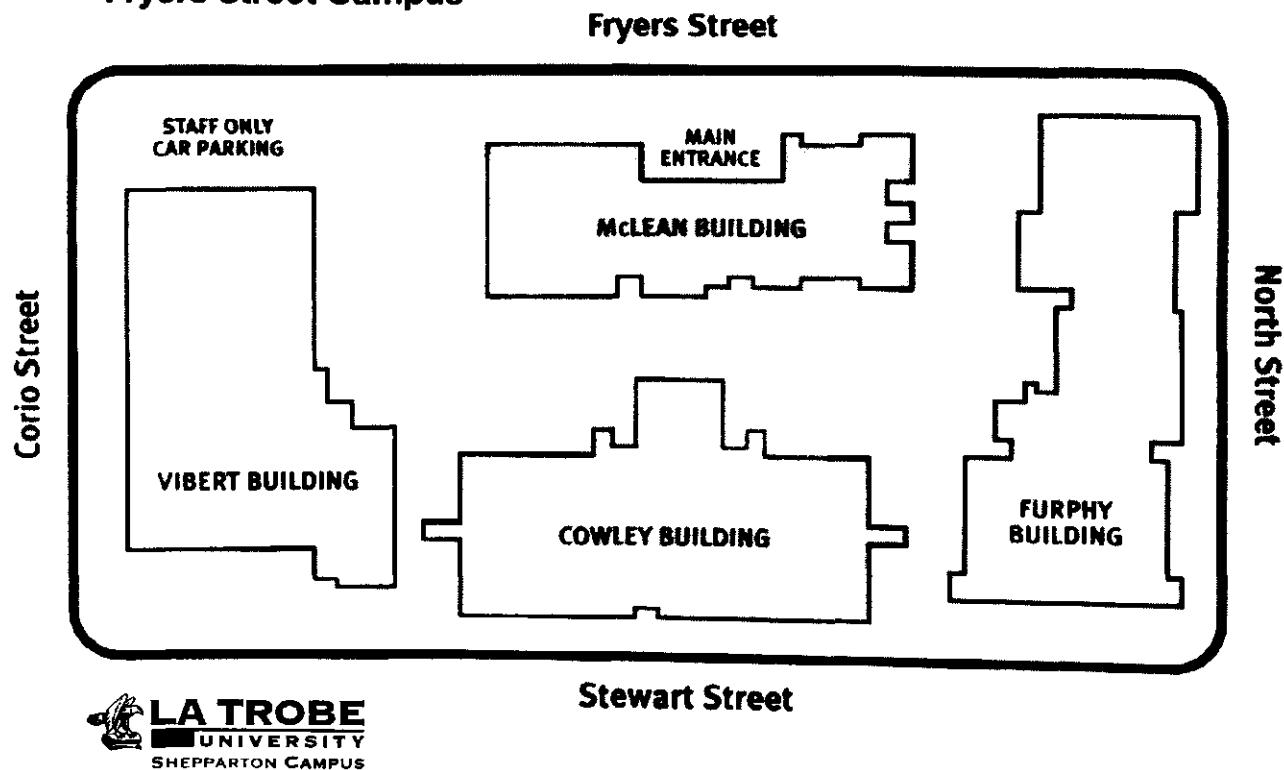
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# Shepparton Campus

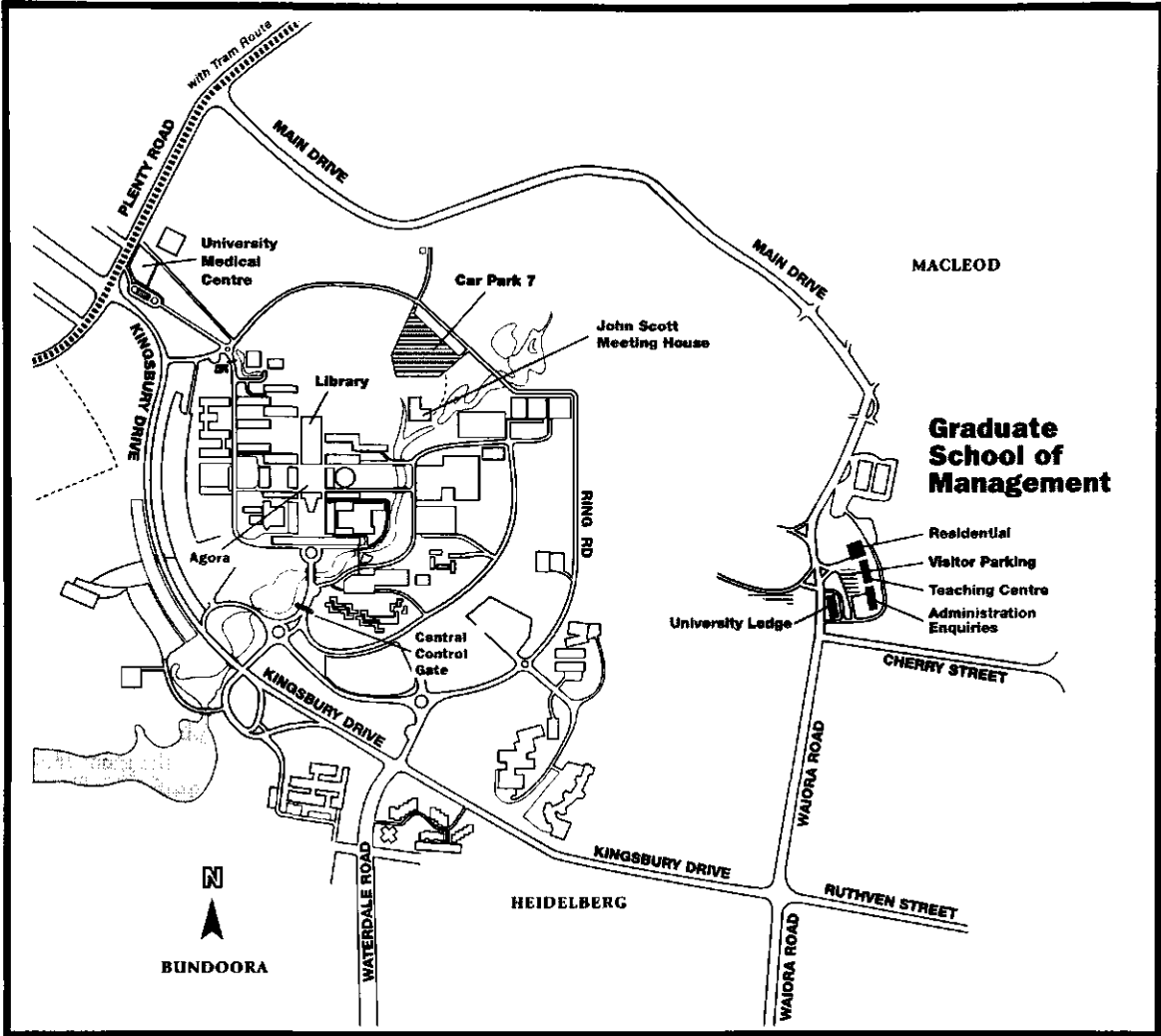
Location Map



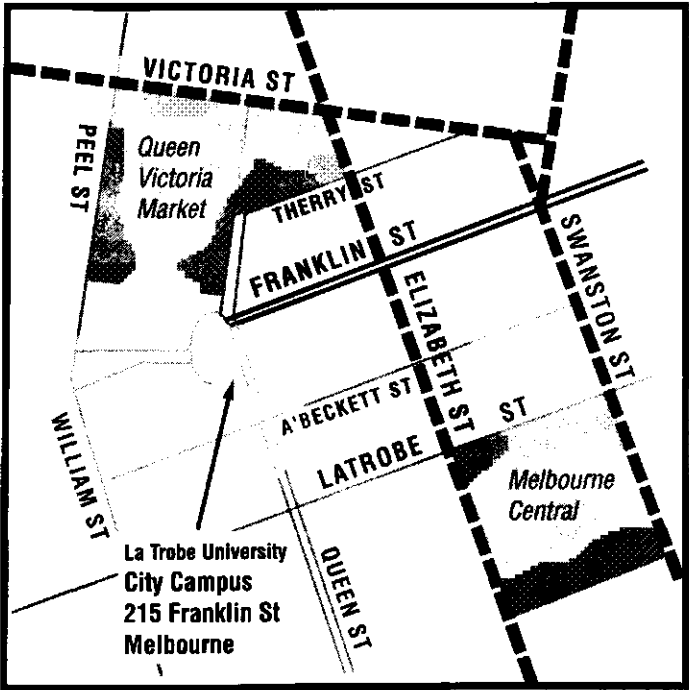
Fryers Street Campus



Graduate School of Management



City Campus



# SCHOLARSHIPS, AWARDS AND PRIZES

## SCHOLARSHIPS, AWARDS AND PRIZES — UNIVERSITY-WIDE

### La Trobe University Undergraduate Scholarships for Commencing First-year Students

Scholarships valued at \$1,500 will be available for commencing first-year students who enrol in full-time undergraduate courses at any one of the campuses of La Trobe University. Applicants must be undertaking their first course of study at a university. The scholarships will be awarded on the basis of academic merit and demonstrated need for financial assistance, and are available to Australian citizens or residents not liable for full University fees. Each scholarship will be available for the year of initial enrolment only.

### Vice-Chancellor's Municipal Scholarships for residents of Banyule, Darebin and Whittlesea and the Rotary Club of Eltham Scholarship for a resident of Nillumbik

A limited number of scholarships will be available for commencing first-year students who are undertaking their first course of study at a university and who are residents of the municipality of Banyule, Darebin, Whittlesea or Nillumbik. Preference will be given to applicants who enrol for full-time study, but a scholarship may be awarded, on a pro-rata basis to a candidate who enrolls for part-time study. Applicants must be able to demonstrate the capacity to undertake studies at the University and to demonstrate a need for financial assistance, and must be Australian citizens or residents not liable for full University fees. Each scholarship for full-time students is valued at \$3,000 pa. The scholarships will be tenable for the normal duration of the course of initial enrolment, including an honours year if applicable for eligible students (except for the Rotary Club of Eltham Scholarship which is tenable for a maximum of three years).

### Vice-Chancellor's Regional Scholarships

Up to five scholarships will be available for students commencing first-year studies at each of the campuses of La Trobe University at Bendigo, Albury/Wodonga, Shepparton and Mildura. Applicants must be residents of the respective region surrounding the regional campuses of the University and must be commencing full-time study for their first qualification at a university. Each applicant must provide evidence of the capacity to undertake studies at the University and demonstrate the need for financial assistance to permit the commencement of study. Under normal circumstances a scholarship will be tenable at the campus where studies are commenced but students who are required to relocate to another campus of the University to complete their studies may continue to hold a scholarship. Each scholarship is valued at \$3,000 pa. The duration of the scholarship shall be for the normal length of the course of study, including an honours year if applicable for eligible recipients. The scholarships are available to Australian citizens or residents not liable for full University fees.

### Vice-Chancellor's Language Scholarships

Up to 10 scholarships are available for students enrolled in modern language courses as part of a course at the University to enable them to improve their language skills by undertaking language study overseas. The value of each scholarship is \$2,000 and will represent a contribution towards travel, health insurance costs and living expenses overseas. Information and application forms are available from the International Programs Office or Heads of Language Schools.

### La Trobe University Housing Company Scholarships

A number of scholarships are available to undergraduate or postgraduate students enrolled at the Bundoora campus. Each scholarship is valued at \$500 and is awarded in the first semester each year. The scholarship is to provide assistance to students who can demonstrate their successful commencement of, or progress in University study, and who can demonstrate a financial need with respect to the costs of accommodation whilst undertaking their studies. These costs may be incurred within University-managed accommodation, e.g. Barnes Way flats, The

University Lodge, the Colleges, or in the community outside the University. Further information available from La Trobe University Housing Ltd, ph. 9459 5614.

### Deans' TNT International Mail Scholarships

*(This scholarship is under review.)*

One scholarship is awarded in each of La Trobe University's five Faculties to a currently enrolled undergraduate or postgraduate student of outstanding academic merit who will benefit from a financial award. Awarded early in the academic year, the scholarships are sponsored by TNT International Mail and are valued at \$1,000. The award is based on outstanding performance in a particular discipline or contribution to the University, with further consideration given to equity and access issues. For further information regarding the availability of these scholarships in 2000 contact the relevant Faculty.

### Axon-Toshiba La Trobe University Scholarship

One scholarship is to be awarded each year to the student with highest ENTER score graduating from one of forty designated schools in the neighbourhood of the University's Bundoora campus and enrolling in a program of study at this campus. The scholarship is valued at \$2,000 and is sponsored by Axon Computers Pty Ltd, a local company. For further information, telephone 9479 2908.

### Honours Year Grants Scheme

The University encourages academically qualified students enrolling for Honours and experiencing financial hardship to apply for a grant from the Honours Year Grants Scheme. This may include, amongst others, women students in non-traditional fields of study, students with children, Aboriginal and Torres Strait Islander students, students from non-English speaking backgrounds, students with disabilities and rural and/or isolated students. The scheme is only open to Australian citizens and permanent residents. Grants of up to \$2,000 will be awarded, with payment conditional upon the recipient accepting the terms and conditions of the grant and enrolling as an Honours year student. Application forms are available from October, from the Equity and Access Unit, Bundoora campus, Student Services at the Albury/Wodonga campus, the Equity Officer at the Bendigo campus, Campus Administration at the Shepparton campus, and Campus Administration at the Mildura campus.

### D. M. Myers University Medal

The D.M. Myers University Medal is awarded annually to the outstanding undergraduate student graduating in each Faculty (usually an Honours graduate). The medallion was donated by the first Vice-Chancellor of La Trobe University, Dr D.M. Myers, CMG. The medallion was designed by Andor Meszaros, a medallionist and sculptor of international repute, who came to Australia from Hungary in 1939 and whose major works include the King George V Memorial Statue (King George V Hospital, Sydney) in marble, an altar-piece in the Canterbury Cathedral and the 1956 Olympic Medallion.

### Distinguished Alumni Award

La Trobe University Distinguished Alumni Medals are awarded each year to one or two La Trobe Alumni who have demonstrated outstanding professional or community achievements; inspirational leadership in their field; exceptional human qualities; and above all have achieved the vision of the University to provide an 'opportunity for excellence'.

### Alumni Association Prize

This annual prize is to give recognition to the student in each Faculty who has achieved the best overall academic performance in the final year of the pass degree or in the penultimate year of the honours degree. The student with the best overall academic performance means, in the first instance, the student with the highest average mark for all the subjects, whether they are taken in one year or over several years. Where this criterion is insufficient, the Dean of the Faculty shall determine further criteria in consultation with the Heads of the Schools in the Faculty. All students who are completing their first degree and have taken all subjects for this degree through La Trobe University are eligible. The Faculty Board shall determine the recipient of the prize and shall advise Academic Board. The prize comprises a certificate and a cash prize to be determined annually by the Alumni Association.

### Harvey Naghten Memorial Award (\$600)

Awarded annually to a student who has completed at least the first year of an undergraduate course and has demonstrated involvement in student or community activities. Application information is available in September. Further information Student Accommodation & Financial Services or at <http://www.latrobe.edu.au/www/finaid/hnma.htm>



**Pauline Toner Award (\$1,000)**

Awarded annually to a student who has completed at least two years of undergraduate study and has made significant contributions in the areas of conservation, social issues or education. Further information from Student Accommodation & Financial Services or at: <http://www.latrobe.edu.au/www/finaid/pta.htm>

**Westpac Banking Corporation Award (\$500)**

Awarded annually to an undergraduate student who has carried out outstanding community work, either within La Trobe University or outside. Applicants must have a good academic record and have completed first year. Application information is available in July. Further information from Student Accommodation & Financial Services or at: <http://www.latrobe.edu.au/www/finaid/wpac.htm>

**FACULTY OF HEALTH SCIENCES****Graduate Research Prize (\$250)**

One prize is awarded to the postgraduate student or students who complete the most outstanding graduate diploma project or masters by course-work minor thesis project. Another prize is awarded to the postgraduate student(s) who completed the most outstanding masters by research thesis or PhD thesis. Nominations close December 31.

**Margaret and Alan Hamer Research Prize (\$250)**

Heads of Schools may nominate undergraduate students for this prize based on the standard of a research project completed while on course. A group of students who jointly complete a research project may also be nominated. Nominations close on December 31.

**SCU/Lincoln Scholarships**

Scholarships (up to \$1,000 each) are available to students who have completed the first year of a Health Sciences degree. Applications open in April. Information available from Student Accommodation & Financial Services.

**Human Biosciences****ERGONOMICS**

*Due to changes in Ergonomics, no prize will be offered in 2000.*

**PODIATRY****Australian Podiatry Association (Vic.) Award for Excellence**

Awarded to an outstanding final year student for excellence in clinical studies. The award is a 12 month subscription to the Australian Podiatry Association, \$250 and an insurance premium of \$105.

**Brooks Prize for Podiatric Medicine**

Awarded annually to a student in the third year of the podiatry course who achieves the highest mark in the subject, 'podiatric medicine'.

**EQUUS Podiatric Award (Books to \$300)**

Awarded annually to the third year podiatry student who achieves the highest mark for the podiatry elective subject.

**John Diggle Award**

Presented to the first year podiatry student who shows excellence in anatomical studies as applied in a functional context.

**Podiatrists Registration Board of Victoria Prize (\$50)**

Awarded to the final year student achieving the highest overall standard.

**The Gwen Saunders Memorial Scholarship**

This award has been established as a trust fund by Mr. Walter Schnock to honour the memory of Gwen Saunders. Gwen Saunders was a long-time councillor of the Australian Podiatry Association (Vic.), its Senior Vice President and a foundation member of the Chiropodists Registration Board of Victoria. She played a major role in the development of Chiropody / Podiatry education in this State and at this University, as well as being engaged in clinical and private practice. This award shall be awarded to a person, preferably from rural Australia and from a disadvantaged background, who enrolls as a student in the Bachelor of Podiatry at La Trobe University.

**PROSTHETICS AND ORTHOTICS****Australian Orthotic Prosthetic Association Inc. (Victorian Section) Prize (\$50 book voucher)**

This prize is awarded to the most outstanding first year student in the Bachelor of Prosthetics and Orthotics

**Australian Orthopaedic Association (AOA) Prize (\$100 and a plaque)**

This prize is presented to the most outstanding second year student

as judged by the results of all prosthetics and orthotics core subjects offered in that year.

**Hans Georg Nader Prize (\$250 and a plaque)**

This prize is awarded to the Prosthetics and Orthotics Honours student who achieves the highest result in the Honours year. This prize is sponsored by Otto Bock (A/Asia) Pty Ltd..

**International Society for Prosthetics and Orthotics (ISPO) Prize**

The prize 'amputation surgery and lower limb prosthetics' is presented to the most outstanding final year student as judged by the results of third year prosthetics and orthotics subjects.

**Robert Gardner Memorial Prize**

The prize 'Atlas of Limb Prosthetics or Atlas of Orthoses' is presented to the student or students who achieve the best result in the third year subject PO3IS2 Independent Study Project. The prize is jointly sponsored by the Australian Orthotic Prosthetic Association and Harcourt Australia.

**HUMAN COMMUNICATION SCIENCES****Australian Speak Easy Association - Victorian Branch**

Awarded annually to a speech pathology student who has achieved the best result in the area of stuttering.

**Freda Hooper Memorial Award (\$200)**

Awarded annually to a speech pathology undergraduate student who has made a significant contribution to the speech pathology field beyond the normal requirements of their course of study.

**Speech Pathology Association of Australia Prize**

The prize (\$200 value) is awarded to a final year speech pathology student for outstanding academic achievements and/or excellent clinical achievements throughout the course and especially in their final year.

**Winston S. Rickards Prize Medal**

Awarded annually (provided that there is a candidate of sufficient merit) for the best paper submitted on therapeutic principles and their application in the field of communication disorders.

**HUMAN COMMUNICATION SCIENCES, OCCUPATIONAL THERAPY AND PHYSIOTHERAPY****Brenda Gale Award in Cerebral Palsy (\$150)**

Awarded annually in two categories - Adult Services Award and Children's Services Award - to an undergraduate student from either the School of Human Communication Sciences, School of Occupational Therapy or School of Physiotherapy for excellence in an independent project in, or relevant to the field of, cerebral palsy. The award is made available from funds provided by the Spastic Society of Victoria Limited.

**NURSING****Alzheimer's Association (for metropolitan students only)**

Awarded to the student enrolled in the gerontic nursing major within the Postgraduate Diploma in Advanced Nursing who attains the highest standard for all pieces of work submitted for the subject Geropsychiatric Nursing and demonstrates an understanding of the needs of both people with a dementing illness and their carers; and an indication of providing best practice for people with a dementing illness.

**Anti-Cancer Council Prize (for metropolitan students only)**

Awarded to a student of sufficient merit who has, in the relevant year, shown outstanding success in cancer nursing or palliative care nursing at postgraduate level.

**Joyce Wickham Medal (for metropolitan students only)**

Awarded to a student of sufficient merit who, has in the relevant year, pursued with the most distinction subjects in nursing management at postgraduate level. The award is in the form of an engraved sterling silver medallion.

**Mosby Undergraduate Prize (for metropolitan students only)**

Awarded on the basis of a book review of a current Mosby textbook which demonstrates critical thinking.

**Mosby Postgraduate Prize (for metropolitan students only)**

Awarded on the basis of a book review of a current Mosby textbook which demonstrates critical thinking.

**Royal College of Nursing, Australia High Achiever Award (for metropolitan students only)**

Awarded annually to the highest achieving student in the final-year of the Bachelor of Nursing (pre-registration) course.

**Royal College of Nursing, Gerontic Nursing Prize (for metropolitan students only)**

Awarded to the student enrolled in the Gerontic Nursing major within the Postgraduate Diploma in Advanced Nursing course who has studied with distinction and who demonstrates a commitment to very high quality nursing of the aged.

**The Royal Women's Hospital Midwifery Student Research Award**

Awarded to a La Trobe University midwifery student or recent graduate to support presentation of research findings at an international or national conference

**The Sue Harvey Nursing Encouragement Award (for metropolitan students only)**

Awarded to a student enrolled in the first year of the three-year Bachelor of Nursing at the Bundoora campus who has overcome difficulties to achieve a high overall level of achievement

**OCCUPATIONAL THERAPY**

**AAOT Victoria Inc. New Graduates Award for Clinical Excellence (\$100)**

This prize is awarded annually to an occupational therapy student who demonstrates excellence in clinical practice throughout the course.

**Derek Stewart Award (\$100 book voucher)**

This prize honours the memory of Derek Stewart and is donated by the Mt Eliza Centre. It is awarded to a fourth year occupational therapy student who has demonstrated excellence in the area of geriatric rehabilitation.

**Francis Wade Prize (\$100)**

This prize honours the memory of Francis Wade and is donated by senior occupational therapists from the Office of Psychiatric Services and the Office of Intellectual Disability Services. It is awarded to a fourth-year occupational therapy student for excellence in psychosocial practice.

**Janet Sloane Award (\$100)**

This award acknowledges the contribution Janet Sloane made to the occupational therapy profession. It is awarded by the School of Occupational Therapy to a fourth year occupational therapy student for excellence in a final-year research project relevant to activities of daily living, community health or ergonomics.

**Smith & Nephew Splinting Prize (\$500)**

Applications for this award will be accepted from occupational therapy students who achieve excellence in the academic and clinical aspects of splinting.

**"The Alfred Group" - Janet Sloane Stroke Rehabilitation Grant**

This grant is donated by "The Alfred Group", a group of occupational therapists who worked at the Alfred Hospital under the direction of Janet Sloane. Applications will be accepted from third year occupational therapy students intending to undertake research in the area of stroke rehabilitation in the final year of their course.

**ORTHOPTICS**

**Diana Craig Memorial Prize**

This prize commemorates the contribution of Diana Craig to orthoptics and is awarded by the Orthoptic Association of Australia (Victorian Branch) for the most outstanding research thesis undertaken in the orthoptics honours program.

**J. Ringland Anderson Prize**

Awarded annually by the Orthoptic Association of Australia (Victorian Branch) to the student who gains the highest marks for the orthoptic components of the final year of the Bachelor program.

**PHYSIOTHERAPY**

**Australian School of Therapeutic Massage Award**

Awarded to the final year student who submits the best research project or literature review in the field of massage and soft tissue techniques in the subject, 'independent study'.

**Australian Physiotherapy Association, Victorian Branch, Honours Research Prize**

Awarded annually to the fourth year physiotherapy Honours student who gains the highest result for his or her research (thesis).

**Butterworth Heinemann Book Prize (Year 2)**

Awarded to the student who shows the most outstanding ability in the field of anatomy in the second year of the Bachelor of Physiotherapy.

**Butterworth Heinemann Book Prize (Year 1)**

Awarded to the student who shows the most outstanding ability in the

field of anatomy in the first year of the Bachelor of Physiotherapy.

**Cardiothoracic Special Group Prize**

Awarded by the cardiothoracic special group of the Victorian chapter of the Australian Physiotherapy Association to the student who gains the highest marks in cardiothoracic subjects in the third year of the undergraduate physiotherapy course.

**Community Health Special Group Prize**

Donated by the community physiotherapists' special interest group of the Victorian chapter of the Australian Physiotherapy Association. It is awarded to a final year student who shows outstanding ability in the field of physiotherapy. The prize is not necessarily awarded annually.

**Constance Read Memorial Prize**

The funds for this prize were raised by a number of physiotherapists who wanted to provide a perpetual memorial to Miss Constance Read, a member of the physiotherapy staff at the Royal Children's Hospital. The prize is awarded to the student who gains the highest percentage of marks in the subject 'physiotherapy skills 2'.

**Eliza McAuley Memorial Prize**

Donated by a member of the Australian Physiotherapy Association in memory of Miss Eliza McAuley, whose early foresight gave a sound basis on which the course has been built. This prize is awarded to a final year student who is most outstanding at practical work and the management of patients.

**Felice Rosemary Lloyd Scholarship**

The purpose of the Felice Rosemary Lloyd Trust is to further the development of the physiotherapy profession through the provision of an annual scholarship. The scholarship provides travel and living expenses for a graduate of the School of Physiotherapy interested in pursuing postgraduate study or approved specialist experience, either overseas or within Australia.

**Gerontology Special Group Prize**

Donated by the gerontology special group of the Victorian chapter of the Australian Physiotherapy Association. It is awarded to the final year student who gains the highest mark in an independent study topic relating to geriatrics or gerontology.

**Hydrotherapy Special Group (Victorian Chapter APA) Prize**

Awarded to a final year physiotherapy student who shows outstanding ability in the field of hydrotherapy during their elective studies.

**Josephine Jennings and Edith Pratt Memorial Prize**

Donated by the members of the Australian Physiotherapy Association as a perpetual memorial to Miss Jennings and Miss Pratt, both of who played a large part in the early training of physiotherapists in Victoria. The prize is awarded to the student who gains the highest percentage of marks over the full course.

**Kay Spencer Memorial Award**

This prize is in memory of Kay Spencer, a valued member of the School of Physiotherapy staff. It is provided by the Spencer family, members of staff and the Physiotherapy Students' Association to the student who gains the highest mark in an independent study topic in neurology.

**MPAA (Victorian Branch) Clinical Prize**

The award will be made to the Master of Manipulative Physiotherapy student with the highest aggregate marks in the subjects PT6TPM Theory and Practice of Manipulative Physiotherapy and PT6CPM Clinical Practice of Manipulative Physiotherapy.

**Neurological Special Group Honours Research Prize**

Donated by the neurology special group of the Victorian chapter of the Australian Physiotherapy Association to the fourth year Honours student who submits the best thesis in an area of neurological physiotherapy, at a minimum A-grade level (or equivalent).

**Neurological Special Group Clinical Prize**

Donated by the neurology special group of the Victorian chapter of the Australian Physiotherapy Association. It is awarded to the student who gains the highest marks in the clinical component of the neurology unit.

**Paediatric Special Group Prize**

Awarded annually to the final year physiotherapy student who has gained the highest aggregate marks in third and fourth year paediatric physiotherapy subjects.

**Physiotherapy Research Foundation Research Prize**

This award is made by the Physiotherapy Research Foundation to the fourth year undergraduate physiotherapy student who obtains the highest marks in the subject PT4HONS Honours thesis.

**Susanne Howsam Trust Fund Scholarship**

A scholarship in memory of Susanne Howsam, for the advancement of the study of physiotherapy and, in particular, the development of the potential of graduate teachers in physiotherapy. Awarded to physiotherapists involved in or interested in the teaching of academic or clinical aspects of physiotherapy on either a part-time or full-time basis. Applications close on 31 July of each year.

**Women's Health Physiotherapy Prize**

Donated by members of the women's health physiotherapy special group of the Victorian chapter of the Australian Physiotherapy Association, this prize is awarded to a final year student who shows outstanding ability in this field of physiotherapy.

**PUBLIC HEALTH****ASORC Feldman Award in Rehabilitation Counselling**

Awarded annually by the Victorian Branch of the Australian Society of Rehabilitation Counsellors to the student in the Postgraduate Diploma in Rehabilitation Studies course who has demonstrated the most outstanding knowledge and skills in the field of rehabilitation counselling.

**Clinical Classification Prize**

Awarded by the Health Information Management Association of Australia (Victorian Branch) to the Bachelor of Health Information Management student with the highest aggregate score in second year Health Classification subjects

**Health Information Management Association of Australia (Vic. Branch) Prize**

Awarded annually by the Health Information Management Association of Australia (Victorian Branch) to the Bachelor of Health Information Management student with the highest aggregate score in the third year subjects: Management of Health Information Systems and Health Classification

**The National Centre for the Classification in Health Prize for Clinical Coding**

Awarded by the National Centre for Classification in Health to the Bachelor of Health Information Management student with the highest mark in final year clinical coding subjects.

**The Recall Award**

Awarded annually by Recall Total Information Management to the Bachelor of Health Information Management student with the highest aggregate score in core third year subjects.

**Victorian WorkCover Authority Prize**

Awarded to the student who has achieved outstanding performance in the occupational rehabilitation component of the Postgraduate Diploma in Rehabilitation Studies.

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES****Faculty of Humanities and Social Sciences Scholarships (in partnership with Drake Personnel) (\$1,000 each)**

10 scholarships will be awarded to students completing their VCE in 1999 who enrol in the first year of either of the Bachelor of Arts Degree, the Bachelor of Asian Studies Degree or the Bachelor of Media Studies. The 10 students with the highest ENTER scores will be awarded a scholarship. The scholarships have the added value of being linked to the University's partnership with Drake Personnel who will offer the scholarship holders the opportunity of vacation employment during their degree and actively seek to provide employment when they complete their degrees. Further information from the Faculty Office, tel. 03 9479 2023.

**ARCHAEOLOGICAL AND HISTORICAL STUDIES****David Johanson Prize (\$350)**

Established in memory of David Johanson, who taught in the History Department from 1968 to 1985. It is usually awarded for the best third year essay in any history subject, but occasionally it is awarded to another year level.

**First-year American History Prize (\$100 book voucher)**

Normally awarded to the student with the best result in a first year United States history subject, provided that a result of sufficient merit is achieved.

**Peter Cook Prize in Australian History (\$500)**

Established to commemorate the outstanding teaching of the late Dr Peter Cook. Awarded annually for the best first-class Honours thesis in

Australian history. If there is no such thesis, the prize will be awarded for the best first-class Honours thesis in the School of History.

**Royal Historical Society of Victoria Prize**

This provides a certificate and a three year subscription to the Royal Historical Society of Victoria to the third-year student with the highest mark in Australian history.

**Second-year Australian History Prize (\$100 book voucher)**

Awarded to the student with the highest mark in a second year Australian history subject.

**ARTS AND MEDIA****Alumni Prize for the best First Year Student in Art History**

Awarded annually to the student with the highest academic results in two semester subjects at first year level in art history.

**Peter Reynolds Honours Prize in Art History (\$100 book voucher)**

Awarded annually to the student with the highest first-class Honours (H1) result in art history. The selection committee has discretion not to award the prize if the result is a borderline H1.

**ENGLISH****Derick Marsh Shakespeare Prize (\$200)**

Awarded annually for the best essay written by an undergraduate student in English on a topic concerned with an aspect of Shakespeare's work.

**Meridian Prize (\$100 and a year's subscription to Meridian Journal)**

Awarded annually by 'Meridian: The La Trobe University English Review' and the School of English for the best fourth-year long essay submitted by a completing honours student in the School of English.

**LANGUAGES, CULTURES AND LINGUISTICS****CIS and Heinemann Prize for French Studies (two book vouchers)**

A \$100 book voucher is awarded to the student from the B stream who, in the opinion of the coordinator of French studies, has achieved the best overall academic performance. A \$100 book voucher is also awarded to the student from the A or C stream who, in the opinion of the Department of French Studies, has submitted the best essay written in French.

**CIS and Heinemann Prize for Italian Studies (two book vouchers)**

A \$100 book voucher is awarded annually to the student enrolled in any first year Italian studies subject who, in the opinion of the staff of the Division of Italian Studies, has done the most meritorious work during the year. A \$150 book voucher is also awarded annually to the student who has completed a major in Italian and has shown the best overall performance in Italian studies subjects.

**Consul-General of Switzerland Prize (book prize)**

Awarded to the first year student who achieves excellent or high distinction in each discipline of the three Swiss languages (French, German and Italian).

**Hellenic Youth Federation of Victoria 'Patris' Prize (\$500)**

Awarded annually to a student enrolled in modern Greek subjects, taught in Greek, at first, second or third year level. The prize is awarded for performance over a full year in modern Greek. A condition of the award is that the student continues studies into the next year of their undergraduate degree and enrolls for further studies in that year in modern Greek. Students in the final year of their degree are exempted from this condition.

**Henry Martell Essay Prize (\$100 book prize)**

Awarded annually for the best essay on any topic relating to the Indian subcontinent by a third year undergraduate in any subject.

**Liliane Gay - Alliance Française Prize (\$150)**

Donated by Alliance Française of Victoria, the prize is awarded to the student who has obtained a pass at A-level in one of the post-VCE first year subject. The prize is awarded to the student who, in the opinion of the staff of the Department of French Studies, has done the most meritorious work in French studies. The prize may be shared equally between two or more students. Native speakers of French are not eligible for the prize.

**PHILOSOPHY****David Hume First year Philosophy Prize (\$100)**

Awarded each year to the student who is placed first among all students enrolled in a first year philosophy unit, provided the work is of A-level standard. The prize will be shared in the case of A-level students placed equal first.

### David Hume Honours-year Philosophy Prize (\$150)

Awarded each year to the student placed first (or shared between students placed equal first) among eligible students completing their fourth year (Honours) in philosophy, provided the student (or students) is awarded a first-class Honours for that year. Eligible students are those who take no more than one course component (out of three) from outside those offered as fourth year philosophy subjects.

### Rene Descartes Prize (\$100)

Awarded each year to the student enrolled in second year philosophy who has completed at least two units in the same year at an A-level standard and who has the best results.

### Wirrianda Philosophy Prize (\$100)

Awarded annually to a female student enrolled at fourth year level in Honours philosophy (or joint Honours philosophy) who completed her Bachelor of Arts at La Trobe in the prior year and has, of the female students so qualifying, the best results in third year philosophy subjects.

## SOCIOLOGY, POLITICS AND ANTHROPOLOGY

### First year Sociology Prize (\$100)

Awarded annually to the student with the highest final mark in a first year sociology subject.

### Hugo Wolfsohn Memorial Prize (\$100)

This is awarded annually to the student with the most distinguished record in a first year politics subject.

### Jean Martin Prize in Sociology (\$250)

Awarded annually to the student submitting the best fourth year honours thesis based on an empirical study of Australian society, where there is a thesis of sufficient merit.

### La Trobe Politics Society Inc Essay Prize (\$150)

Awarded annually for the essay judged to be the best submitted by an undergraduate student in a second or third year politics subject.

### Lorraine Donnan Prize (\$100)

Awarded annually to the student with the highest mark in a social theory subject at second year level.

## FACULTY OF LAW AND MANAGEMENT

### Dean's Commendations

Awarded to recognise excellence within each year of every undergraduate program (including MBA).

### Dean's Medal

Awarded to the outstanding graduating student in each main discipline area of the Faculty.

### Faculty of Law and Management Honours Scholarships

Awarded to the best commencing Honours students in all discipline areas of the Faculty.

### Faculty of Law and Management Academic Excellence Scholarships

Awarded to outstanding international students for meritorious performance in their first year studies, in each main discipline area of the Faculty.

## BUSINESS

### Australian Institute of Banking and Finance Prize in Money, Banking and Finance (\$250)

Awarded to the student achieving the best result in the subject Money and Banking 3 (or its equivalent).

### Australian Institute of Agricultural Science Prize (\$100)

Awarded to the best overall fourth year student.

### Australian Society of CPA Prizes

Awarded to the students achieving the best results in Accounting subjects at first, second and third year levels. First and second year prizes are comprised of \$250 and the Society Medallion. The best graduating student receives two years' membership of the Society, the Society Medallion and the Society's prize winner's certificate.

### Coopers and Lybrand Prize (\$400)

*This prize is currently under review.*

Awarded to the student achieving the best overall performance in the eight subjects comprising the second year of the Bachelor of Commerce degree.

### Donald Whitehead Prize for Macroeconomics (\$100 book prize)

Awarded to the third-year student achieving the best result in Macroeconomic Analysis 3 (or its equivalent).

### Economic Society of Australia Prize (\$200 and a years' membership of the Society)

Awarded to the best third-year student in the Bachelor of Economics.

### Ford Australia Prize (\$100)

Awarded to the student achieving the highest mark in Foundations of Management (or its equivalent).

### IPAA Public Administration Student Prize (\$200)

Awarded annually to the student achieving the highest mark in Public Policy 2 (or equivalent subject as determined by the Chief Examiner).

### Jacaranda Wiley Ltd Prize (\$150 book prize)

Awarded to the student achieving the highest mark in Management Information Systems 2.

### Kelly Services Academic Achievement Award (\$1000 per year for 5yrs)

Awarded to the student with the best overall performance in the first year of a course offered by the School of Business.

### Pearson Education Australia Prize (\$100 book prize)

Awarded to the students achieving the highest mark in the first year subjects, Accounting for Management Decisions and Management Accounting A.

### VEF Centenary Exhibition (\$200)

Awarded to the student achieving the best result in Microeconomic Analysis 3.

### Westpac Banking Corporation Prize (\$200)

Awarded to the student achieving the highest mark in Management Accounting B.

## LAW AND LEGAL STUDIES

### Arthur Robinson and Hedderwicks Prize (\$200)

Awarded annually to the student with the best result in Law of Equity and Trusts 3.

### Blake Dawson Waldron Fourth-year Honours Prize in Legal Studies (\$200)

Awarded annually to the student submitting the best fourth year Honours thesis in Legal Studies.

### Blake Dawson Waldron Prizes (\$150)

Awarded annually to the students achieving the best results in Law of Contracts 2 and Corporations Law 3.

### Butterworths First-year Legal Studies Awards (6mth online subscription to Butterworths Encyclopaedic Australian Legal Dictionary - value \$495)

Awarded annually to the five students displaying outstanding achievement, contribution or improvement in first year Legal Studies subjects.

### Butterworths First-year Law Awards (6mth online subscription to Butterworths Encyclopaedic Australian Legal Dictionary - value \$495)

Awarded annually to the five students displaying outstanding achievement, contribution or improvement in first year Law subjects.

### Corrs Chambers Westgarth Prize (\$200)

Awarded annually to the student with best result in Law, Economics and Society 3.

### Middletons Moore and Bevins Prize (\$200)

Awarded annually to the student with the best result in Property Law 3.

### Mort Stamm Prize (\$100 book voucher and Medal)

Awarded to the student with the highest mark in the subject Human Rights Law or an alternative as decreed by the Head of Law and Legal Studies

### Relationships Australia (Victoria) Family Mediation Prize (\$200)

Awarded annually to the most outstanding graduating student in the Graduate Diploma in Family, Law and Mediation.

### Supreme Court Exhibition (\$200)

Awarded to the student submitting the best Law Honours thesis.

### Supreme Court Prize (\$1,000)

Awarded to the best student completing the final year of the Law program.

### Transport Accident Commission (TAC) Prize (\$500)

Awarded to the student with the highest mark in the subject Common Law Courts and Remedies.

### Wisewoulds Prize (\$200)

Awarded annually to the student with the best result in Law of Torts 2.

**MANAGEMENT****Commercial Travellers' Association Marketing Prize (\$500)**

Awarded to the students achieving the best results in Marketing and Advanced Marketing in the MBA program.

**TOURISM & HOSPITALITY****Tourism Task Force Scholarship**

Awarded for the best overall performance in the second year of the Bachelor of Business (Tourism and Hospitality) course.

## FACULTY OF SCIENCE, TECHNOLOGY AND ENGINEERING

**David Kelly Medal (medallion)**

Awarded to the best fourth year student in the areas of:  
Agriculture and Life Sciences  
Behavioural Sciences  
Engineering  
Physical Sciences and Mathematics

**AGRICULTURE****Bonlac Scholarship (\$3,000)**

Awarded to a student admitted to the first year of the Bachelor of Agricultural Science, who can demonstrate a commitment to a career in the dairy industry, and whose parents supply milk to Bonlac Foods. Valued at \$3,000 per year for four years of undergraduate study. Further information can be obtained from the Department of Agricultural Sciences.

**Rural Finance Corporation Scholarships (\$6,000)**

Rural Finance offers five new scholarships each year across different Rural Finance regions. Scholarships are awarded to undergraduate students undertaking a degree course, which is agriculturally related, at a tertiary institution in Victoria. Students must be under the age of 26 years at January 1<sup>st</sup> in the year of application to university and must be able to demonstrate a career commitment to agriculture (not only students planning to take up farming as a career but also students planning to provide consultancy, research, technological and other advice to agricultural industries). Valued at \$6,000 per year for the duration of the course. Further information can be obtained from the Department of Agricultural Sciences, La Trobe University.

**Department of Natural Resources and Environment Cadetship Program**

The Department of Natural Resources and Environment offers sponsored cadetships to students finishing Year 12, or first year university, who are keen to study Agricultural Science at a recognised Victorian university. Each cadet is assured of four years full-time work on completion of their degree, in addition to receiving an allowance, a book subsidy for each year of study, and access to hands-on job experience during their university course. Further information regarding this cadetship at La Trobe University can be obtained from the University's Department of Agricultural Sciences.

**Career Experience Scholarships in Agricultural and Viticultural Science**

A series of career experience scholarships have been provided by different organisations for year-12 school leavers who enrol in agricultural and viticultural science in 2000. Each scholarship provides industry employment for a month in January/February 2000, giving experience of the professional careers of agricultural or viticultural scientists.

**National Farmers' Federation Prize (\$150)**

Awarded to the first year student achieving the best performance in all first year agriculture subjects, taking into account communication skills in essays and examination results.

**G.W. Leeper Memorial Prize (\$100)**

Awarded to the student with the best results in the subject Agriculture 21SS soil science.

**B.A. Sanderson Prize (\$25)**

Awarded to the third-year student achieving the best results in the subjects AGR 21II and AGR 22ABM.

**Australian Institute of Agricultural Science and Technology (Melb) Prize (\$100)**

Awarded to the best overall fourth year Agriculture student.

**Frank Drake Memorial Prize (\$20)**

Awarded for the best plant collection developed over the Bachelor of Agricultural Science course.

**BIOCHEMISTRY****Unitika Prize (\$250)**

Awarded to the best third year biochemistry student.

**Unitika Prize (\$300)**

Awarded to the best Honours student in biochemistry.

**BOTANY****Second-year Botany Book Prize (\$100)**

Awarded to the most outstanding student in second year botany.

**A.B. Wardrop Book Prize (\$100)**

Awarded to the most outstanding student in third-year botany

**CHEMISTRY****Michael Grant Third-year Prize (\$50 book prize)**

Awarded to the most outstanding student in third year chemistry where the result is of sufficient merit.

**Max O'Connor Honours-year Prize in Chemistry (\$150 book prize)**

Awarded to the best graduate with honours in chemistry where the result is of sufficient merit.

**Computer Science and Computer Engineering****Wanda Henry Scholarship (\$2,000 per annum)**

Awarded to a female student entering the new concurrent degree Bachelor of Engineering (Electronics)/Master of Engineering Science (Biomedical). It is tenable for the full five years of the course.

**Computer Science and Computer Engineering Scholarships (\$1,000)**

Five scholarships of \$1,000 each are available to students commencing courses in the fields of Computer Science or Computer Engineering at the Bundoora campus. Further information and application details are available from the School of Computer Science & Computer Engineering, La Trobe University, Bundoora VIC 3083. Telephone (03) 9479 1923.

**Oakton First-year Scholarship (\$1,000)**

Awarded to a student who achieves high overall performance in VCE, shows ambition and interest in a career in the information technology industry and demonstrates good study skills and organisation. Recipients must be eligible to enrol in the first year of the Bachelor of Computer Systems Engineering degree.

**Oakton Third-year Work Experience Award (\$3,500)**

Awarded on the basis of outstanding academic performance in second year and the first half of third year. The recipient must have completed all third-year computer science and computer engineering subjects of the Bachelor of Computer System Engineering, must demonstrate interest in working in an industry environment similar to that at Oakton Pty Ltd and must demonstrate excellent communication skills. The scholarship will provide students with a guaranteed opportunity to gain relevant work experience over a three month period while receiving a stipend of \$3500.

**Aspect Computing Scholarship (\$1,000)**

Awarded to the best student in second-year computer science subjects who is also enrolling in third-year computer science or to the best third-year Bachelor of Computer Systems Engineering student with potential for success in the software development field.

**Australian Computer Society (Victorian Branch) Award in Computer Science (\$150)**

Awarded to the best final-year student in

- Bachelor of Computer Science
- Bachelor of Information Systems
- Bachelor of Computer Science/Bachelor of Commerce
- Bachelor of Information Systems/Bachelor of Business
- Bachelor of Computer Systems Engineering
- Bachelor of Computer Systems Engineering (Software Engineering)
- Bachelor of Computer Systems Engineering (Computer Networks)
- Bachelor of Technology (Computer Technology)
- Bachelor of Computer Science (Honours)/Bachelor of Engineering (Electronics)
- Bachelor of Science (Cognitive Science)
- Bachelor of Information Systems/Bachelor of Arts Information Systems
- Graduate Diploma in Computer Science

**Department Prize for the Bachelor of Computer Systems Engineering (\$75)**

Awarded to the most outstanding third year student in the Bachelor of Computer Systems Engineering.

**Department Prize in Computer Science (\$75)**

Awarded to the most outstanding third year student in computer science.

**Department Prize for the Graduate Diploma in Computer Science (part-time) (\$75)**

Awarded to the best student in the part-time graduate diploma.

**Department Prize for the Graduate Diploma in Computer Science (full-time) (\$75)**

Awarded to the best student in the full-time graduate diploma.

**Honours Prize in Computer Science (\$150)**

Awarded to the most outstanding student in the Honours year of computer science, computer systems engineering or Postgraduate Diploma in Computer Science (enrolled in a stream including a project/thesis).

**EARTH SCIENCES**

**AGSO Jubilee Prize (voucher for AGSO products)**

Awarded to the student whose achievements in third year geology are the most outstanding and of sufficient merit.

**Prospector Supplies Prize**

A pick and holster are awarded to the best performing first year student who enrolls in second year geology.

**Department Third-year Prize (\$50 book prize)**

Awarded to the most outstanding student in third year geology where the result is of sufficient merit.

**Dawn McLeod Memorial Award (\$400)**

Donated by Automated Fusion Technology and is awarded to the most hard-working third-year student who undertakes honours.

**Ian Albert Carlyle Memorial Award (medallion)**

Awarded to the best graduate with Honours in geology where the result is of sufficient merit.

**ELECTRONIC ENGINEERING**

**Electronic Engineering Scholarship (\$1,000)**

Up to five scholarships of \$1,000 each are available to students commencing the Bachelor of Engineering (Electronics) course at the Bundoora campus. Further information and application details are available from the School of Electronic Engineering, La Trobe University, Bundoora VIC 3083. Telephone (03) 9479 1923.

**Department Third-year Prize (\$50)**

Awarded to the most outstanding student in third year electronic engineering where the result is of sufficient merit.

**Hooper Memorial Prize for the Best Oral Presentation (\$100)**

Donated by Future Fibre Technologies Pty Ltd, this prize is awarded to the electronic engineering student who gives the best oral presentation at the Hooper Memorial Student Project Seminar. Qualities assessed are presentation skills, communication skills and technical competence.

**Hooper Memorial Prize for the Best Poster (\$100)**

Donated by Farnell Electronic Components, this prize is awarded to the electronic engineering student who presents the best poster at the Hooper Memorial Project Seminar.

**Nokia Telecommunications Electronic Engineering Prize (\$500)**

This is awarded to the Electronic Engineering student with the best final year thesis.

**Tad Szental Prize (\$1,000)**

Awarded to the best Electronic Engineering graduate from one of the biomedical, communication, electronic systems and optical streams of the engineering course. This prize is a combination of cash and book vouchers.

**Chemtronics Biomedical Engineering Scholarship (\$2,000)**

Awarded to the student with the best scholastic performance in the third year of biomedical engineering and is awarded to that student when enrolled in the biomedical engineering stream in the fourth year.

**Chemtronics Biomedical Engineering Prize (\$1,000)**

Awarded to the most outstanding student in the final year of the biomedical engineering stream of the Bachelor of Engineering (Electronics).

**GENETICS AND EVOLUTION**

**Department Third-year Prize (\$200 book prize)**

This is awarded to the student with the best mean mark in third year genetics subjects.

**MATHEMATICS**

**Professor C. J. Eliezer Prize in Applied Mathematics (\$100)**

This is a cash and book prize awarded to a second year student, for outstanding performance in second year applied mathematics subjects

**Department Prize for Applied Mathematics (\$50 )**

Awarded to the most outstanding student in third year applied mathematics subjects.

**Department Prize for Pure Mathematics (\$50 )**

Awarded to the most outstanding student in third year pure Mathematics subjects.

**MICROBIOLOGY**

**Australian Society for Microbiology Prize (\$75)**

Donated by the Victorian Branch of the Society and awarded to the outstanding student completing Microbiology 21IM and Microbiology 22MM and who is continuing on to Microbiology 31AMM and Microbiology 32EPM.

**Australian Society for Microbiology Prize (\$150)**

Donated by the Victorian Branch of the Society and awarded to the outstanding student completing both Microbiology 31AMM and Microbiology 32EPM.

**PHYSICS**

**Head of Department's Prize in Physics (\$100)**

Awarded to the most outstanding student in first year physics

**K.D. Cole Prize in Physics (\$100)**

Awarded to the most outstanding student in second-year physics

**Andrew Downing Prize in Physics (\$100)**

Awarded to the most outstanding student in third year physics.

**Kodak Fourth year Physics Prize (\$200)**

Awarded to the most outstanding first-class honours student in the Physics Honours course.

**PSYCHOLOGICAL SCIENCE**

**George Singer Prize (\$500)**

Awarded annually to the student who obtains the most outstanding result in psychobiology 1.

**Australian Psychological Society Prize (\$300)**

This is an award of \$300, plus subsidised travel and registration fee if the winner presents a paper at the annual APS conference based on the work for which the prize was awarded.

Awarded to a fourth year student who, being of sufficient merit, has in that year pursued with most distinction a fourth year course in psychology. The prize may be awarded to a student in the Bachelor of Behavioural Science (Honours) course, a student in the Postgraduate Diploma of Psychology course, or a student in the Graduate Diploma in Health Psychology.

**Psychology 4 Honours Prize (medallion)**

Awarded to the top Bachelor of Behavioural Science student in the psychology 4 Honours year.

**STATISTICAL SCIENCE**

**Pearson Education Australia Award for Academic Excellence in Statistics (Pearson Education Australia books to the value of \$150)**

Awarded to the most outstanding student in first year statistics subjects.

**Commercial Union Prize (\$200)**

Awarded to the most outstanding student in second year statistics subjects, where the result is of sufficient merit.

**Department of Statistical Science Prize (\$100 book prize)**

Awarded to the most outstanding student in third year statistics subjects.

**SIR/Minitab Prize for Statistics (software)**

Awarded to the most outstanding student completing the course-work requirement for the Master of Statistical Science.

**ZOOLOGY**

**First Year Prize in Zoology (\$50)**

Awarded to the student achieving the highest A grade in BIO11AD.

**Second Year Prize in Zoology (\$100)**

Awarded to the student achieving the highest aggregate mark in ZOO21ENT, ZOO21AE and ZOO22VMP in a particular year. The student must achieve an A grade in at least one of these subjects.



**Third Year Prize in Zoology (\$150)**

Awarded to the student achieving the highest aggregate mark in ZOO31A and ZOO21B in a particular year. The student must achieve an A grade in at least one of these subjects.

**W. Dathanarayana Prize (\$60 book prize)**

This is a book prize awarded to the best final year student in the ecology stream of zoology.

**Peter Rawlinson Award (\$250)**

This is a research grant awarded to the Honours or postgraduate diploma student showing outstanding potential in animal ecology. The award honours the memory of Peter Rawlinson, a staff member between 1967 and 1991.

**I.W.B. Thornton Prize (\$200)**

Awarded to the student who achieves the highest final mark for the Honours/Postgraduate Diploma thesis completed in a particular year. The student must achieve an overall grade of either HI or A in the fourth year.

**GRADUATE SCHOOL OF EDUCATION****Award for Exemplary Thesis Writing and Research in the Field of Education (\$1,000 and a commemorative, base-metal medal)**

Prize for the best thesis (PhD or EdD) written by a doctoral candidate in the Graduate School of Education.

**FACULTY AT BENDIGO****University Award****Aspect Computing Prize (\$1,000)**

Awarded annually to a student in their penultimate year of studies within a major computing discipline. The student is selected by Aspect Computing on the basis of academic performance and interview.

**Faculty Awards****Bendigo Faculty Alumni Award (\$200)**

Awarded to a third year, full-time student who has successfully completed all subjects in the first and second years of his/her course.

**Graduation Award (six of approximately \$500 each)**

Available to any full-time student attempting a first tertiary qualification who has successfully completed all subjects in the previous year of an approved course. They will be awarded to the students most in need of financial assistance. Application forms are available from the student counsellors.

**Mathematics Prize (books to the value of \$200)**

Awarded annually to the undergraduate student who has completed the mathematics major in that year, and who, in the opinion of the academic staff of the Division of Mathematics, has achieved the best results in their third year level mathematics major subjects, provided that these results average an A level.

**Orde Award (\$300)**

Available to a second year student in visual arts who can demonstrate a need for financial assistance. Applications for this award close on April 30 each year, with the first instalment paid in March of the following year. Details are available from the student counsellors.

**WJC Banks Prize (value \$650)**

Awarded annually to a graduate or graduand of the Bendigo Faculty who is undertaking full-time postgraduate study within the University, being enrolled for a degree of Master by research or coursework, or for the degree of Doctor of Philosophy.

**ARTS AND EDUCATION****AGFA Award (\$200)**

An annual award of materials valued at \$200 to the student showing the most consistent improvement in second year photography.

**Arts and Education Achievement Award (\$1,000)**

Awarded to the most outstanding students in the final year of the Bachelor of Arts and the Bachelor of Teaching.

**Australian College of Education Award (Associate Membership of the ACE)**

Awarded annually to the outstanding student in the final year of the Bachelor of Teaching.

**Bruce Palmer Award (\$200)**

Awarded annually to a student who has excelled in the education studies components of the Graduate Diploma in Education.

**C&J Visual Arts Graduate Commission Award (value to \$1000 commissioned work)**

Commissioned work(s) following final assessment for the Bachelor of Visual Arts Honours.

**Dennis O'Hoy Ceramic Award (\$200)**

Awarded annually to a second year Bachelor of Visual Arts (Ceramics) student to encourage an innovative approach towards design concepts in set projects, and who is continuing into the third year at the Bendigo Faculty.

**Digitype/Colin Barr Award (\$150)**

This award is made to a student in the first year of the Bachelor of Visual Arts (Graphic Design) course and is based on overall performance.

**George Colson Award (\$200)**

Awarded annually to a student who has excelled in the language education component of any teacher education course in the school.

**Historical Research Award (\$50)**

Awarded each year by the Royal Historical Society of Victoria (Bendigo Branch) for an outstanding, historically-oriented research project on an Australian topic undertaken by a final year student in the Bachelor of Arts.

**Humanities Staff Award (approximately \$100)**

This award is made each year to a student who has successfully completed the final year of the Bachelor of Arts (Humanities) course. It is based on academic merit.

**Ilford Trophy Award (a trophy and gift voucher to the value of \$200)**

Awarded annually to the most outstanding first year photography student continuing into the second year of the Bachelor of Visual Arts (Fine Art) course.

**John Martin Memorial Award (\$150)**

Awarded annually to a student in Bachelor of Arts (Outdoor Education) who is entering their second year of study. It is an award which recognises and encourages the fullest involvement in study and enjoyment of life involving the outdoors and others.

**K.G. Scarrott Award (\$500)**

Awarded annually to a student completing the degree of Bachelor of Teaching who has attained consistent excellence in the practicum component of the course, coupled with an outstanding academic record.

**Kodak Award (\$250)**

Materials to the value of \$250 are awarded annually to the most outstanding second year photography student, continuing into the third year of the Bachelor of Visual Arts course.

**Laurie Leeson Award (\$200)**

Awarded annually to a student who has excelled in environmental education in any course in the School.

**Mike Molnar Award (\$200)**

Awarded annually to a student who has excelled in some aspect of the second year of the school's pre-service teaching degree.

**National Gallery of Victoria Trustees Award (\$700)**

Awarded annually to students in visual arts courses who have successfully completed the first year of their course and is based on highest artistic/academic merit.

**National Trust (Bendigo Branch) Award (\$100)**

The Central Victorian Branch of the National Trust of Australia presents a prize annually for a research thesis of outstanding quality which contributes to an understanding of Victoria's heritage, undertaken by a student successfully completing a Bachelor of Arts Honours or a Graduate Diploma in Regional Studies (History).

**Shakespeare Prize (\$100)**

Awarded each year by the Bendigo Shakespeare Society to a first year literature student for an essay on some aspect of Shakespeare's work which has been submitted in the course of normal studies.

**Siens Acquisitive Arts Award**

Up to seven awards established by the Bendigo Student Association to promote exhibition works from the Bachelor of Visual Arts courses. The winning work is acquired by the Student Association.

**Ten Network Victoria Visual Arts Travel Scholarship**

This scholarship comprises an economy return air fare to London, plus \$500 for expenses and is awarded to the student exhibiting greatest potential and promise, upon successful completion of the final year of a Bachelor of Visual Arts course.

## Awards

### Visual Arts Staff Award (approximately \$100 each)

Awarded each year to a student of each of the visual arts courses who has successfully completed the second year of their course and is based on highest artistic and academic merit.

## HEALTH AND HUMAN SCIENCES

### Australian Medical Association, Bendigo & District Subdivisions (book prize \$100)

Awarded to the student who displays outstanding academic achievement in clinical nursing and nursing theory in those subjects specific to general nursing across the three years of the Bachelor of Nursing course.

### Bendigo Division of General Practice Award (\$200)

Awarded to a Postgraduate student of the School of Health and Human Sciences, Bendigo for excellence of content of an essay which addresses aspects of General Practice.

### Bendigo Health Care Group (up to \$200)

Awarded to a full-time student who displays outstanding academic achievement in third year subjects of the Bachelor of Nursing with a demonstrated focus on psychiatric nursing.

### Bendigo Health Care Group/Bachelor of Nursing (Honours) Award

Awarded to a third year student, enrolled in the Bachelor of Nursing course a La Trobe University, Bendigo, who has achieved a B average or better in five semesters of the Bachelor of Nursing course and who has successfully applied to the Bendigo Health Care Group Graduate Year Program.

### Cliveden Hill Private Hospital Award (up to \$200)

Awarded for outstanding academic achievement in the subject, 'women's health'.

### Community Health Bendigo and Dymocks Award (book voucher \$50)

Awarded to a student in the Bachelor of Public Health with the best academic and public health practice performance in second and third year field experience.

### History of Nursing Prize (up to \$300)

Awarded to up to three students enrolled in an undergraduate program offered by the School of Health and Human Sciences. Successful students will have submitted an essay demonstrating an interest in, and commitment to, the history of Australian nursing.

### Mt Alvernia Midwifery Award (\$100)

Awarded to an outstanding graduating student of the Postgraduate Diploma in Midwifery.

### Mt Alvernia Mercy Hospital/Bachelor of Nursing (Honours) Award

Awarded to a third year student, enrolled in the Bachelor of Nursing course a La Trobe University, Bendigo, who has achieved a B average or better in five semesters of the Bachelor of Nursing course and who has successfully applied to the Mt Alvernia Mercy Hospital Graduate Year Program.

### Mt Alexander Hospital Postgraduate Diploma in Rural Nursing Award

Awarded to a student of a postgraduate diploma nursing course at La Trobe University Bendigo who has displayed outstanding academic achievement.

### Public Health Association of Australia (Northern Victoria Chapter) Award

One year's membership to PHA is awarded to a Bachelor of Public Health student who has achieved the highest grades in public health theory and practice over the second year of the course.

### Royal College of Nursing, Australia High Achiever Award

One year's associate membership of the Royal College of Nursing, Australia is awarded to the student who has displayed outstanding academic and clinical performance during the Bachelor of Nursing course.

### Staff Award (\$100 book voucher)

This is awarded to a student for high achievement in exceptional circumstances and sponsored by Golvan Uniforms and supported by staff donations.

### The Northern District School of Nursing Graduates Association Award (\$100)

Awarded to the student who displays outstanding academic achievement in the third year of the Bachelor of Nursing course.

### The Rural Health Prize (\$200)

Awarded to a student who has successfully completed the first year of an

undergraduate degree in the School of Health and Human Sciences and who has achieved excellence in a rural health or related subject.

### Zonta Club : Heather Winderlich Award (\$200)

Awarded to the student who displays outstanding academic achievement over the three years of the Bachelor of Nursing course.

## MANAGEMENT, TECHNOLOGY AND ENVIRONMENT

### Accounting and Business Management Staff Awards (\$500 each)

Awarded annually to up to three outstanding VCE students who have enrolled as full-time students in any Bachelor of Business program at Bendigo. Selection is made by the Division of Accounting and Business Management from submitted applications. Application forms are available at enrolment and from the School's offices.

### AISC Australian Institute of Steel Construction Steel Design Award (\$200)

Awarded to a third year student of the Bachelor of Engineering (Civil) course at Bendigo who has demonstrated excellence in steel design.

### Arthur Andersen and Co Prize for Accounting (\$150)

Awarded annually to the most proficient student enrolled at Bendigo completing the second year of the Bachelor of Business with major studies in accounting or the third year of the Bachelor of Business/Bachelor of Computing and Bachelor of Applied Science/Bachelor of Business, (providing of sufficient merit).

### Artificial Intelligence Research Group (AIRG) Staff Award (\$200)

Awarded to a Bendigo student, who in the opinion of the AIRG, is the outstanding student in an undergraduate artificial intelligence subject. The candidate must have completed an artificial intelligence course-work subject or dissertation in the year in which the award is being made.

### Ashman Ralph and Associates Master of Business Prize (\$300)

Awarded annually to the Master of Business graduate at Bendigo who has obtained the highest grade for a masters project minor thesis.

### Australian Computer Society Student Awards (\$150 each)

Four annual awards are available to students with the best academic performance in the final year of the Bachelor of Computing, the Bachelor of Business with major studies in information technology, the Bachelor of Business/Bachelor of Computing and the Graduate Diploma in Computing at the Bendigo campus.

### Australian Geological Survey Organisation (\$100 Gift Voucher)

The Australian Geological Survey Organisation Gift Voucher is sponsored by the Australian Geological Survey Organisation and is awarded in recognition of a notable student's achievement. The award is not tied to a particular activity but is awarded, at the discretion of geology staff at the Bendigo Campus, to a student who has consistently strived to maintain a high standard in a variety of geology course activities.

### Australian Industry Group Engineering Award (\$1000)

The award is available to students in the first year of the Bachelor of Engineering courses at LTU, Bendigo. Selection of the candidate(s) will be on the recommendation of the course coordinators of the Engineering courses, following consideration of nominations at the mid-year Chief Examiner's meeting.

### Australian Institute of Food Science and Technology Award

*(Being reviewed for 2000)*

Awarded to the best Bendigo student in the final year of Bachelor of Legal Dictionary valued at \$495). Four awards made to the students with the best academic performance in Microeconomics 1 and Macroeconomics 1; Information Technology and Business Systems; Business Law 1 and Business Law 2; and Programming Concepts.

### Chartered Accountants Students' Society Prize (\$250)

Awarded annually to a Bendigo student who has the best performance Management Accounting A, Management Accounting B and Financial Accounting 2 in that year.

### City of Greater Bendigo Prize (\$400)

Awarded to the student achieving the best results in transport engineering in the final year of the Bachelor of Engineering (Civil) course at Bendigo.

### Cook, Green and Moore Marketing Communications Prize (\$100)

The prize is awarded each year to the student achieving the highest overall result in Marketing Communication - a core marketing subject. In addition to the award the successful applicant will be invited to visit the company's place of business to gain valuable insights into the functioning of a successful business.

### Economics Book Prize

A selection of well bound economics classics awarded to the outstanding



student (in terms of overall results) completing the second year of the Bachelor of Business (Economics) course at Bendigo.

#### **Frank Perrow Memorial Asia Pacific Studies Scholarship (\$500 each)**

Awarded annually to the student with the best academic performance in each of first and second years of the Bachelor of Business (Asia Pacific studies) course at Bendigo, who is attempting their first tertiary qualification.

#### **Frank Perrow Memorial Scholarship (\$300)**

Awarded annually to the second-year student most deserving of encouragement to further their studies in any business or computing degree course offered by the School of Management, Technology and Environment. The award is based on application and course coordinator's selection.

#### **Horwath and Horwath Award (\$250)**

Awarded annually to the student with the best academic performance in the subject of Auditing.

#### **Industry Based Learning Scholarship (\$13,000)**

Established in conjunction with Bendigo Bank, Hitachi Data Systems, Powercor Australia and PricewaterhouseCoopers, this scholarship involves two, 20-week placements at one of the sponsoring organisations' premises. It is available to Bendigo students in the second year of the Bachelor of Computing, or third year of the Bachelor of Business/Bachelor of Computing or Bachelor of Applied Science/Bachelor of Computing double degree program.

#### **Information Technology Division Staff Special Award (\$150)**

Awarded to a student who has made a major contribution to the work of the division, outside the normal academic program.

#### **Information Technology Staff Awards (5 Awards of \$150 each)**

Awarded to students showing academic merit in all computing courses offered at Bendigo; Bachelor of Computing, Graduate Diploma in Computing, Graduate Diploma in Advanced Computing, Bachelor of Business (Information Technology Major) and Bachelor of Computing (Honours).

#### **Institution of Engineers, Australia (Bendigo Chapter) Award (\$200 and a medal)**

Awarded to a Bendigo final year engineering student on the basis of their academic record and involvement in extra curricular activities and special projects.

#### **Institution of Engineers Australia Book Prize (book prize)**

Awarded to a Bendigo student who, throughout their final year, has achieved distinction in some aspect of their study associated with structural.

#### **Intervet Scholarship (\$1,500 each)**

The scholarship will be awarded to a student who is in the final year of their Bachelor of Applied Science course at Bendigo and who is undertaking major studies in biotechnology/microbiology. The Division of Biological Sciences will select the recipient on the basis of the student's achievement in second year Biochemistry and Microbiology subjects.

#### **Mount Hotham Skiing Company Prize (\$100)**

Awarded to an MTE strand student with the best report or project that is generated as part of assessment in a subject involving a field trip to the alpine areas of Victoria.

#### **Old Castlemaine Gaol, Major Projects Award (\$500)**

The Major Project Award sponsored by the Old Castlemaine Gaol is awarded to the student team who in the opinion of the selection committee has developed the best project for the subjects, Major Project Part One and Major Project Part Two.

#### **Pricewaterhouse Coopers Prize (\$400)**

Awarded annually for academic achievement to student(s) at the Bendigo campus attempting for the first time, the first year subjects Management Accounting A and Financial Accounting 1.

#### **RG Walker Prize (This award is being reviewed for 2000)**

Awarded to the most outstanding second year chemistry student in the Bachelor of Applied Science course at Bendigo.

#### **Rogers Accounting Research Prizes (\$50 each)**

Two prizes are awarded annually to students undertaking major studies in accounting at the Bendigo campus. One prize is awarded to a student doing second year studies in accounting and one prize is awarded to a student doing final year studies in accounting. Investigative essays submitted on a prescribed topics will be considered for the award. If the

essays submitted are not of sufficient merit no award will be made.

#### **Royal Australian Chemical Institute Award (\$100 and subscription)**

This is awarded annually by the Bendigo/Ballarat section of the RACI to the most outstanding third year chemistry student at Bendigo.

#### **School of Management, Technology and Environment Book Prizes (\$75 each)**

Two awards made to the students with the best academic performance in Programming Concepts and Computer Fundamentals, and Data Structures and Information Systems.

#### **School of Management, Technology & Environment School Leavers' Scholarships**

Scholarships of \$1,000 are available to commencing regional first-year undergraduate students enrolled in a Bachelor degree course offered by the School of Management, Technology and Environment at Bendigo. The scholarships are awarded on the applicants statement of commitment to study. Further information and application details are available from the School of Management, Technology and Environment, La Trobe University, PO Box 199, Bendigo VIC 3552. Telephone (03) 5444 7398.

#### **School of Management, Technology and Environment**

#### **Science /Engineering Staff Awards (\$400 each)**

These awards are financed by contributions made each pay period by science staff of the School of Management, Technology and Environment. Awarded to first year Science and Engineering students continuing their course at the Bendigo Campus, and who achieve the highest average in first year examinations.

#### **Stafford Ellinson Eaglehawk Pty Ltd Prize (\$250)**

Awarded annually to the second year student most deserving of encouragement to further their studies in any degree course offered by the School of Management, Technology and Environment. The award is based on applications submitted by student.

#### **Steel Reinforcing Institute of Australia (SRIA) Prize (\$500)**

Awarded to a Bendigo student enrolled in either third or fourth year of the Bachelor of Engineering course who has demonstrated excellence in a project or design utilising conventionally reinforced concrete.

#### **Tom Connor Awards (\$400 each)**

This award is available annually for second year civil, mechanical or electrical students in engineering at the Bendigo Campus. Awards are made on the basis of practical work, design, skills, self-motivation, initiative and creativity.

#### **Women into Engineering Incentive Award (\$1000)**

This is awarded to a student entering first year of the engineering course (full-time) on the basis of entry score and interview. Application forms are available from the School of MTE's offices and at enrolment.

## **ALBURY/WODONGA CAMPUS**

#### **Albury/Wodonga Campus Medal**

Awarded to a high achieving final year student who has also made a significant contribution to the Albury/Wodonga community through study or extra curricular activity.

#### **Rural City of Wodonga Learning City Prize (\$500)**

Awarded to a graduating student who has commenced study as a mature-aged student at the Albury-Wodonga campus with superior academic performance and demonstrated contribution to or achievement in life-long learning.

### **HEALTH SCIENCES**

#### **Albury-Wodonga Private Hospital Prize (\$500)**

Awarded to the most outstanding first year student in nursing.

#### **Wodonga Regional Health Services Prize (\$300)**

Awarded to the most outstanding second-year student in nursing.

#### **Kerry Faul Memorial Prize-Wodonga West Rotary Club (\$500)**

Awarded for academic distinction and demonstrated commitment to high quality nursing.

#### **Royal College of Nursing Australia High Achiever Award**

One year's membership to the RCNA is awarded to the student with the best academic result for the final year in nursing.

#### **Mosby Prize (book voucher \$150)**

Donated by Mosby Publishers Australia. Awarded to a pre-registration Bachelor of Nursing student who, through a book review of

## Awards

between 750 and 1000 words, can demonstrate critical thinking skills and provides student feedback and user critiquing.

### RURAL HEALTH AND HUMAN SERVICES UNIT

#### Helen Horton Memorial Prize - Department of Human Services

Awarded for outstanding performance by a graduating social work or welfare studies student.

### LAW AND MANAGEMENT

#### Dean's Medal

Awarded to the outstanding graduating student from a regional campus in the Faculty of Law and Management.

#### The School of Business Undergraduate Scholarships for Commencing First-Year Students in the Bachelor of Electronic Commerce Degree

Up to 10 industry-sponsored scholarships are available to students enrolling as full-time first year students in the Bachelor of Electronic Commerce degree at the Albury/Wodonga campus. Each scholarship is valued at \$3,000 per year for up to a period of three years and paid in two instalments. Preference will be given to students who reside within 70 kilometres of the Albury or Wodonga Post Offices.

#### Australian Society of CPAs - Victorian Branch (\$100)

This is awarded to the best first year accounting student.

#### Australian Society of CPAs – Albury-Wodonga Branch (\$500)

Awarded to the “Best Business Plan” submitted by students in the subject *Entrepreneurship* offered in the Bachelor of Business (Enterprise Development).

#### Bluegum Technology Australia Prize (\$250)

Awarded to the best first year student in the Bachelor of Electronic Commerce.

#### International Training in Communication (\$100)

Awarded to most outstanding student undertaking subject *Management Communications* (achieving at least an A grade).

### SCHOOL OF TOURISM AND HOSPITALITY

#### Riverina Workwear Prize (Resources to the value of \$100)

Awarded to first year student for best academic achievement in the subject Food & Beverage Operations 1A within the Bachelor of Business (Hospitality Management)

#### Birallee Prize (\$150)

Awarded to a second year student for the best demonstration of acquired skills in hospitality management.

#### Commercial Club Prize (\$150)

Awarded for the best academic achievement in the subject Food & Beverage Operations 1B in the Bachelor of Business (Hospitality Management).

#### Edwards Prize (\$150)

Awarded to the student with the best overall performance in the final year of the Bachelor of Business (Hospitality Management).

#### Kendell Airlines Prize (value of return air ticket to Melbourne)

Awarded to the best second year student with an outstanding performance in the practical components of the Bachelor of Business (Hospitality Management). In conjunction with this Prize, the School of Tourism and Hospitality has negotiated for paid accommodation and the opportunity to work in association with senior management of a number of leading Victorian hotel properties.

### SCIENCE, TECHNOLOGY AND ENGINEERING

#### Fletcher Challenge Paper Prize (\$250)

Awarded to the best first year student in the Bachelor of Science (Environmental Management and Ecology)

#### David Mant Memorial Prize - Wodonga Rotary Club (\$500)

Awarded to an outstanding first year Bachelor of Science student who has demonstrated academic achievement and also made a significant contribution to the local community.

#### Australian Association of Natural Resource Management Prize

The prize is a certificate and twelve months' membership of the NSW Branch of the Soil and Water Conservation Association of Australia, including a subscription to 'Australian Journal of Soil and Water Conservation'. The prize is awarded to a second year student with outstanding achievements in two subjects which have a soil and water component. Part-time students will not normally be eligible and the recipient will normally have passed all other subjects attempted in the year of study.

#### Australian Institute of Management Prize (\$250 and one year's membership)

Awarded for outstanding achievement in the Graduate Diploma in Environmental Management and Ecology.

## MILDURA CAMPUS

#### Caffrey Trust Scholarship

Up to five, \$4,000 scholarships are available to students enrolled in the Bachelor of Teaching Course at the Mildura Campus and who have elected to undertake the physical education discipline studies. The scholarships are available to students who have been residents of Sunraysia for at least two years, have been successful in a team or individual sport, have represented the region or their state in their sport, or who have achieved a state top 10 ranking in their sport.

#### Colin Barrie Acquisition Scholarships

Annual acquisitions of art works to the value of \$1,000 to a student in the Bachelor of Visual Arts (fine art) and a student in the Bachelor of Visual Arts (graphic design) courses at the Mildura Campus.

## SHEPPARTON CAMPUS

#### Australian Institute of Management Prize (\$200 and one years' membership)

Awarded to the best second year business student.

#### Bendigo Bank Prize-(\$100)

Awarded to the student with the best overall performance in the first year in the Bachelor of Arts.

#### City of Greater Shepparton Award (\$300)

Awarded to student with the best performance in the Rural Tourism specialisation.

#### Data Parts Shepparton Prize (software to the value of \$200)

Awarded to a second year business student continuing at Shepparton campus.

#### Morrison and Sawers Prize (\$100 each)

Awarded each to a first and second year business student at Shepparton campus.

#### Soroptimist International Shepparton Prize (\$150)

Awarded to an undergraduate student in rural health studies residing in the City of Greater Shepparton.

#### Stubbs Wallace and Partners Award (\$500)

Awarded to the student with the best overall performance in second-year accounting subjects.

#### Traveland Shepparton Prize (\$150)

Awarded to the best business student at the Shepparton campus.

# OFFICERS AND STAFF

## Principal Officers of the University

### *The Visitor*

His Excellency the Governor of Victoria, The Hon. Sir James Gobbo, AC, BA *Melb.*, MA *Oxf.*, Hon D Jur (Bologna).

### *The Chancellor*

Professor Emeritus N.F. Millis, AC, MBE, MAgrSc *Melb.*, PhD *Brist.*, Hon. DSc *Melb.*, FTSE, MASM.

### *The Deputy Chancellor*

Mrs S.J. Walton, BEd *La Trobe*, DipEd *Syd.*, MA *Syd.*, FRGS, FACE, FACEA(V), FAPC.

### *The Vice-Chancellor and President*

Professor M.J. Osborne, MA *Oxf.*, DrPhil&Lett *Leuven*, FAHA, Corresponding Member *Academy of Athens*, *Laureaat van de Koninklijke Academie Voor Wetenschappen Letteren en Schone Kunsten van België*, *Laureate Aristotle Award (Greece)*, Honorary Member *Hungarian Academy of Engineering*, Professor Emeritus of Classical Studies *Melb.*, Honorary Professor *Yunnan University*, Honorary Professor *Yunnan Normal University*, Honorary Professor *Kunming Medical College*.

### *Deputy Vice-Chancellor*

Professor G.H. McDowell, BAgrSc *Melb.*, PhD *Syd.*

### *Deputy Vice-Chancellor (Research)*

Professor T.F. Smith, BSc *Sheff.*, PhD *Sheff.*, FAIP, FlntSP.

### *University Secretary*

Mr D.F. Bishop, BA *Melb.*

### *Pro-Vice-Chancellor (Equity and Access)*

Dr K. Ferguson, BAppSc(OT), MEd(Counselling) *La Trobe*, EdD *La Trobe*, MVAFT

### *Pro-Vice-Chancellor (Health Developments) and Dean, Faculty of Health Sciences*

Professor S.J. Duckett, BEc *ANU*, DipEd(Tert) *Darling Downs*, DipLegStuds *La Trobe*, MHA *NSW*, PhD *NSW*, FCHSE.

### *Pro-Vice-Chancellor and Head, Albury/Wodonga campus*

Dr T.P. Keating, BA(Hons) *Melb.*, MSW *Melb.*, PhD *La Trobe*.

### *Pro-Vice-Chancellor (Regional Development) and Dean, Bendigo Faculty*

Professor L. Kilmartin, BA(Hons) *Qld*, MA *ANU*, PhD *La Trobe*.

### *Pro-Vice-Chancellor, Deputy Chair of the Academic Board*

Professor J.A. Salmond, MA *Otago*, PhD *Duke*, FAHA.

### *Pro-Vice-Chancellor (Information Technology) and Dean, Faculty of Science, Technology and Engineering*

Professor E.R. Smith, BSc *Melb.*, PhD *Lond.*

### *Pro-Vice-Chancellor (International) and Director, International Programs*

Dr D.M. Stockley, BA *Adel.*, DipT *Adel.*, PhD *NSW*.

## **Emeritus Professors**

Aiken, M.E., BCom *NSW*, PhD *NSW*, MEd *Syd.*, FCPA, ACIS, ACIM.

Allen, F.J., BA *Syd.*, PhD *ANU*, MA *Camb.*

Barnes, J., MA *Melb.*, MA *Camb.*

Bisno, H., BA *Wis.*, MSW *Calif.*

Burley, S.P., BSc *Adel.*, MA *Prin.*, PhD *Adel.*, PhD *Prin.*

Carson, W.G.O., BA *Oxf.*, LLD *Edin.*

Chisholm, A.H., BAgrSc. *NZ*, MAgrSc *Massey*, PhD *ANU*.

Clark, A.W., MA *Melb.*, PhD *NSW*.

Cole, K.D., DSc *Qld*, FAA *ARAS*, FAIP *FInst.P.*

Davies, D.E., PhD *Wales*, FInst.P., FAIP, C.Phys., MACE.

Eliezer, C.J., PhD *Camb.*, DSc *Lond.*, Hon. Dsc *Inf.*, Bar at Law, *Middle Temple*, FIMA.

Ellis, B.D., BSc *Adel.*, BA *Adel.*, BPhil *Oxf.*, DLitt, FAHA.

Forsyth, E.C., BA *Adel.*, DipEd *Adel.*, DU *Paris*, FAHA *FACE*,

Commandeur dans l'Ordre des Palmes Academiques.

Fraser, S.E., BCom *Melb.*, BEd *Melb.*, MA *Oxf.*, MA(Ed) *Stan.*, EdD *Colorado*, PhD *Lond.*

Gregory, J.S., MA *Melb.*, PhD *Lond.*

Jones, E.L., BA *Nott.*, MA *Oxf.*, DPhil *DLitt Oxf.*, FASSA.

McCloskey, H.J., PhD *LittD Melb.*

McKenzie, B.E. BA *Melb.*, PhD *Monash*.

Magee, R.J., MSc *Q. U.B.*, PhD *DSc Edin.*, CChem, FRSC, FICI, FRACI.

Marsh, D.R.C., PhD *Natal*, FAHA.

Martin, R.M., MA *NZ*, PhD *ANU*.

Mond, B., BA *Yeshivs*, MA *Bucknell*, PhD *Cinc.*

Morrison, J.D., AO, PhD, DSc *Glas.*, FAA *FRSE*, FRACI *FRSC*.

Over, R.F., BA *Syd.*, PhD *Syd.*, FASSA.

Parsons, P.A., BAgrSc *Adel.*, MSc *Melb.*, PhD *ScD Camb.*

Rydon, J., BA *Syd.*, DipEd *Syd.*, PhD *Melb.*

Scopes, R.K., BA *Camb.*, PhD *Camb.*

Singer, G., MA *Syd.*, PhD *Syd.*, MAPsS *MAPPS*, FASSA.

Stone, B.A., BSc *Melb.*, PhD *Lond.*

Thompson, R.W., MA *Dub.*

Thornton, I.W.B., BSc *Leeds*, PhD *DSc Leeds*, FAA.

Tomory, P.A., MA *Edin.*

Topsom, R.D., MSc *Camb.*, PhD *Lond.*

Van Steveninck, R.F.M., Ir *Wageningen*, PhD *Lond.*

Veliz, C., BSc *Flor.*, PhD *Lond.*

Waid, J.S., BSc *Lond.*, MSc *DPhil Oxf.*, CBiol, FAI *Biol.*, FI *Biol.*, MASM.

Wardrop, A.B., MSc *Tas.*, PhD *Leeds*, DSc *Melb.*, FAA.

White, A.J.R. BSc *Adel.*, PhD *Lond.*

## **Emeritus Scholars**

Clendinnen, I.V., MA *Melb.*, DLitt *La Trobe*.

Horrigan, W., BA *Wales*, MA *Wales*.

Jones, A.R., BA *Melb.*, MA *Melb.*, PhD *Melb.*

Kirkby, R.J., Bsc *Oregon*, PhD *NSW*, FBPrsS, FAPsS.

Mackay, M.F., BSc *Syd.*, PhD *Melb.*, FRACI.

McDougall, B.M. BSc *Melb.*, MSc *Melb.*, PhD *ANU*.

Mulligan, L. MA *Melb.*, PhD *Adel.*

Painter, J., Th L Th Schol *Aust Coll.*, BD *Lond.*, PhD *Dunelm.*, FAHA.

Phillips W. W., BA *Adel.*, PhD *ANU*.

Polis, T., BA *Melb.*, MAPsS.

White D.C., BSc *Melb.*, DipEd *Melb.*, BEd *Melb.*, MEd *Melb.*, PhD *La Trobe*.

## **FACULTY OF HEALTH SCIENCES**

### *Dean*

Duckett, Professor S.J., BEc *ANU*, DipEd(Tert) *Darling Downs*, DipLegStuds *La Trobe*, MHA *NSW*, PhD *NSW*, FCHSE.

### *Deputy Dean*

Lavender, E.B., SocSc(Nurs) *Natal*, MEdSt *Monash*, RN, MRCNA.

### *Registrar*

Hutchison, A., BSc *ANU*, DipEd *CCAE*, DipAud *Melb*, MBA *NSW*.

## **School of Human Biosciences**

### **Department of Human Physiology and Anatomy**

#### *Professor and Head of School*

Handley, C.J., BA, DipEd *Monash*, PhD *Bristol*, DSc *York*.

#### *Reader*

Evans, O.M., BAppSc (Hons) *Melb*, PhD *Melb*.

#### *Senior Lecturers*

Anker, R.L., BSc *Monash*, MEd *Monash*, PhD *Monash*, OSU.

Bendrups, A.P., MSc *Melb.*, PhD *Melb.*

Bingham, P.J., MA *Oxon.*, DPhil *Oxon.*

Brown, E.H., MSc *Melb.*, DipEd *Melb.*

Bryant, B.J., BPharm MSc *Syd.*, PhD *Melb.*, GradDipEd *GIAE*.

Green, R., BSc *Melb.*, DipEd *Melb.*, MSc *Melb.*, PhD *La Trobe*.

Macdonald, W.A., BSc *Lond.*, DipPsych *PhD Melb.*

Malcolm, S.A., BPHE *Tor.*, MSc *Dal.*, PhD *S. Fraser*.

Rogers, D.K., BSc *Melb.*, PhD *Melb.*

Ward, A.R., BSc *Syd.*, MSc *Macq.*

#### *Lecturers*

Dooley, P.C., DipEd *Melb.*, MSc *NE*, PhD *NE*.

Grills, B.L., BSc *Melb.*, PhD *Melb.*

McCooey, J.E., BSc (Hons) *Monash*, DipEd *Monash*, MSc *Melb.*

Miller, P.J., MSc *Melb.*, DipEd *Melb.*

Orr, D., BSc *La Trobe*, MSc *Melb.*

Paine, R., BSc *Melb.*

Schuijers, J.A., BSc *Monash*, PhD *Monash*.

Wentworth, S., BSc *Monash*, PhD *Monash*, SSSU.

Wickham, J.B., B.Sp.Sci.(Hons) *Dip.Ed.*

#### *Research Staff*

Found, B., BScGriffith, DipEd *Monash*, GradDipNeurosci *La Trobe*, PhD *La Trobe*.

## Officers and Staff

Ilic, M.Z., BSc *La Trobe*, Dip Ed. *La Trobe*, PhD *La Trobe*.

### Honorary Associates

Armstrong, R.G., BSc GradDipAud *Melb.*, GradDipErg *Lincoln*.  
Lindgaard, G., DipGenNursing *Bugevspital Zng.Switz*, MSc *Monash*,  
PhD *Monash*.

Sathananthan, A.H., BSc *Ceyl.*, PhD *R'dg.*

### National Centre for Prosthetics and Orthotics

Senior Lecturer and Head of Department  
Bach, T.M., MSc *S.Fraser*, PhD *La Trobe*.

### Lecturers

Hodge, M.C., DipAppSci(P&O) *La Trobe*, BP&O(Hons) *La Trobe*.

### Associate Lecturers

Barnes, L., DipAppSc (P&O) *La Trobe*, MAppSc *La Trobe*.  
Fisher, K., DipAppSc(P&O) *La Trobe*.

### Honorary Associate

Friejah, N., BP&O, GradDip HlthAdm *La Trobe*.

### Department of Podiatry

Senior Lecturer and Head of Department.

Bryant, B.J., BPharm *Syd.*, MSc *Syd.*, PhD *Melb.*, GradDipEd *GIAE*.

### Senior Lecturer

Yates, B., BSc(Hons), PGDip, FCPod, FCPod (Surg), SRCH.

### Lecturers

Gilheany, M., BApp.Sc *La Trobe* GradDip POD *La Trobe*.  
Payne, C., BA (Sociology) *NZ*, DipPod *NZ*, MPH *La Trobe*.  
Poratt, D., BSc(Hons) *La Trobe*, D.P.M. *Calf College Pod Med*.  
Raspovic, A., BAppSc(Pod)(Hons) *La Trobe*.

### Associate Lecturers

Bird, A., BPod(Hons) *La Trobe*.  
Frescos, N., BAppSc(Pod)(Hons) *Lincoln*.  
Munteau, S., Bpod(Hons) *La Trobe*.  
Newcombe, L., BPod(Hons) *La Trobe*.  
Petchell, A.J., BAppSci(Pod) *La Trobe*.

### School of Human Communication Sciences

#### Professors

Perry, A., LCST, FRCSLT, PhD *De Montfort*.  
Reilly, S., BAppSc *Curtin*, MRCSLT PhD *Lond*.

#### Director of Studies

Bench, R.J., BSc *Sheff.*, BA *Lond.*, PhD *Lond.*, MAPsS FBPpS CPsychol  
FAudSA (CC).

#### Associate Professor and Head of School

Oates, J., BAppSc(SpPath) *La Trobe*, MAppSc *La Trobe*, PhD *La Trobe*,  
MAPsS, FSPAA.

#### Associate Professor and Reader

Erber, N.P., BSEngSc *Wash. St. Louis*, MA(Aud) *Wash. St. Louis*, PhD  
*Wash. St. Louis*, CCC-Aud ASHA, MSPAA.  
Parsons, C.L., BSc *N.Y. State*, MS Ed *N.Y. State*, PhD *S.Ill.Uni.*, CCC-  
Sp/LangPath ASHA, MSPAA.

#### Honorary Research Fellow

Doyle, J., BA *Macq.*, DipAud *Melb.*, MAppSc *S.Aust.*, MAud(CC)  
*S.Aust.*, PhD *La Trobe*.

#### Senior Lecturers

Block, S.L., MAppSc *La Trobe*, FSPAA.  
Brown, L.F., BAppSc (SpPath) *La Trobe*, MSPAA.  
Douglas, J., BAppSc (SpPath) *La Trobe*, MSc (Psych) *Vic.(BC)*, PhD  
*Vic.(BC)*, MSPAA, MAPsS, MAPA.

#### Lecturers

Dacakis, G., BAppSc (SpPath) *La Trobe*, GradDipCommDisord *La Trobe*,  
MED *Melb.*, MSPAA.  
Joffe, B., BA (Sp&HTh) *Wtw.*, MA (SpPath) *Wtw.*, MSPAA.  
Kipka, P., BA(Hons) *Melb.*, BSc *Melb.*, DipEd *Melb.*, PhD *MIT*.  
Rose, M., BAppSc (SpPath) *La Trobe*, GradDipCommDisord *La Trobe*,  
PgradDipHlthRsrchMeth(SpPath) *La Trobe*, MSPAA.

#### Adjunct Lecturers

Bloomberg, K., BAppSc *La Trobe*, MSc *Purdue*, FSPAA.  
Johnson, H., DipCST *La Trobe*, BEd *La Trobe*, MA(Edu) *La Trobe*,  
FSPAA.  
Scott, A., BAppSc(SpPath) *La Trobe*, MSPAA.

### Speech and Hearing Clinic

#### Clinic Manager

Baldac, S., BSpPath(Hons) *La Trobe*, MSPAA.

#### Clinicians/Educators

Panayiotou, V., BAppSc (SpPath) *La Trobe*, MSPAA.  
Phyland, D., BAppSc(SpPath) *La Trobe*, DipEd *Deakin*, MAppSc *La Trobe*, MSPAA.

### National Institute for Deaf Studies

#### Professor

Branson, J.E., BA(Hons) *Monash*, CertEd *Cantab*, PhD *Monash*.

#### Lecturers

Pardo, V.S., BA(Hons) *Monash*, DipEd *La Trobe*, MA *La Trobe*.  
Toms, J., BEd *La Trobe*, MED *La Trobe*.

#### Associate Lecturer

Hutchins, B., BEd *La Trobe*.

### School of Nursing

#### Professor of Gerontic Nursing and Head of School

Nay, R., BA *NE*, MLitt *NE*, PhD *NSW*, RN, FRCNA, FCN (NSW).

#### Professor

Torrance, C., BSc(Phil)(Hons) *Lond.*, DipLifeScNsg(Merit) *Edin.*, DPhil  
*Edin.*, RN, RSCN.

#### Associate Professors

Street, A., BEd(Hons) *Deakin*, PhD *Deakin*.

#### Senior Lecturers

Kanitsaki, O., BAppSc(AdvNurs) *La Trobe*, DipHos&WardMgt  
*Monash*, MEdSt *Monash*, Midwife, RN, FRCNA, AM.  
Koch, S., BA(EducStud) *Stirling*, DipProfStud RCNT*Glas.*,  
MN(Research) *RMIT*, RN, SCM, MRCNA.  
Lavender, E., BSocSc(Nurs) *Natal*, MEdSt *Monash*, RN, MRCNA.  
Pittman, E., BA *Melb.*, MED *Melb.*, RN, FRCNA.  
Sellick, K., DipNED *CNA*, BBSc *La Trobe*, MPsych *La Trobe*, PhD *La Trobe*,  
RN, RPN, FRCNA, MAPsS.  
Thompson, C., BAppSc(Nurs) *Tas.*, MED *Tas.*, RN, Midwife, FACM.  
Trigar, V., BAppSc *La Trobe*, DipAppSc *Flin.*, MEdStudies *Monash*, RN,  
FRCNA.  
Wilson, M., BAppSc(AdvNurs) *La Trobe*, MEdSt *Monash*, PhD  
*Monash*, RN, MRCNA.  
Wood, B., BAppSc (AdvNurs) *La Trobe*, MEdSt *Monash*, RN, FRCNA.

#### Lecturers

Behan, J., BEd *Melb.*, RN.  
Carberry, C., BA *La Trobe*, DipHum *La Trobe*, BEd *La Trobe*, RN,  
Midwife.  
Donohue, L., DipAppSc(CHN) *PIT*, GradDipWmsHlth *Melb.*, RN,  
Midwife, MCHN, FRCNA.  
Duke, M., BAppSc(AdvNurs) *PIT*, MED *La Trobe*, RN.  
Forbes, H., BAppSc(AdvNurs) *La Trobe*, MEdSt *Monash*, RN.  
Gan, S., BAppSc(AdvNurs) *La Trobe*, MNS *La Trobe*, RN, SCM,  
RSCN, FRCNA.  
Horton, J., BAppSc(AdvNurs) *La Trobe*, MED *Melb.*, RN, Midwife.  
Hunter, S., BAppSc(AdvNurs) *PIT*, MBioeth *Monash*, RN, MRCNA.  
Mackay, M., DipAppSc(CHN) *GIAE*, BA(SocSc) *GIAE*, RN, Midwife,  
MRCNA.  
Phillips, N., DipAppSc(Nurs) *La Trobe*, BN *Monash*, GradDipAdvNurs  
*La Trobe*, RN, Midwife, MRCNA.  
Pszczolkowski, M., BAppSc(AdvNurs) *La Trobe*, MEdSt *Monash*, RN,  
Midwife.  
Richardson, M., BAppSc(AdvNurs) *La Trobe*, MEdSt *Monash*, RN,  
RCNT.  
Swift, K., BBSc *La Trobe*, GradDipBchHlthCareSt *La Trobe*, CertOnc  
*La Trobe*, RN, RM.  
Temby, D., BAppSc(AdvNurs) *La Trobe*, MAppSc(MusmSt) *Deakin*,  
CertAc *Beijing*, DipAc *Beijing*, CertWelfStud *Inst Health & Welfare*,  
CertMassage *Melb School Tactile Therapies*, RN, FRCNA.  
Watt, E., BAppSc(AdvNurs) *La Trobe*, MNS *La Trobe*, RN, FRCNA.  
Watts, R., BN *La Trobe*, CritCareCert *La Trobe*, GradDipAdvNurs(Ed)  
*La Trobe*, MHSc *La Trobe*, Midwife, RN.  
White, A., BN *Flin.*, GradDipEd (Ed&Training of Adults) *S.Aust.*, RN,  
Midwife.  
Worrall-Carter, L., BEd *NNEB*, PhD *La Trobe*, RN.

#### Associate Lecturers

Bridges, J.A., DipAppSc(NsgEd) *Qld UT*, BAppSc(AdvNsg) *PIT*, MNS  
*La Trobe*, RN, Midwife, FRCNA.  
Davey, N., BSc(Hons) *Melb.*, DipEd *Melb.*, GradDipEdPub *RMIT*.  
Meredith, S.J., BA(Hons) *La Trobe*.  
Nightingale, K.E., BAppSc(AdvNsg) *RMIT*, RPN, RN, MRCNA.  
Stow, J.E., BEdStudies *Melb.*, CritCareCert *Alfred Hospital*, RN.

**Research Staff**

Blackford, J., BAppSc(AdvNsg) *La Trobe*, GradDipChildDev *Melb.*, PhD *La Trobe*.  
 Pitcher, M.A., GradDipAdvNurs(Gerontic) *La Trobe*, RN, Midwife, FRCNA.  
 Powell, G.D., BA(Psych), GradDipAppSc(Stats).  
 Small, J.M., BN(Hons) *La Trobe*, DipHom *S.Aust.*, DipEd *Melb.*, MNS *La Trobe*.

**School of Occupational Therapy****Professor and Head of School**

Lundgren-Lindquist, B., MedDr *Göteborg*, PhD *Göteborg*, OTR.

**Senior Lecturers**

Best, M., DipPhysio Syd., BAppSc(Phty) *Lincoln*, GradDipErg *Lincoln*, MPH *Monash*, CPE.  
 Carey, L., BAppSc(OccTher) *Lincoln*, PhD *La Trobe*.  
 French, G., DipOT OTScIV, BBehavSc *La Trobe*, MBA *Monash*.  
 Howie, L., DipOT OTScIV, BA *Melb.*, MA *La Trobe*, PhD *La Trobe*.  
 MacDonald, E., BOccThy *Qld.*, PhD *La Trobe*.  
 Unsworth, C., BAppSc(OccTher) *La Trobe*, PhD *La Trobe*, OTR.

**Lecturers**

Allen, J., BEd(Hons) *Melb.*, MEd *La Trobe*.  
 Allen, R., BAppSc(OT) *WAIT*, MBus *SwinburneUT*.  
 Collister, L., BAppSc(OccTher) *Lincoln*, MAppSc *La Trobe*.  
 Corben, L.A., BAppSc(OccTher) *Lincoln*.  
 DiStefano, M., BAppSc(OccTher) *Lincoln*, GradDipErg *Lincoln*, CPE.  
 Farnworth, L., BAppSc(OccTher) *Lincoln*, DipCrim *Melb.*, MA *Melb.*, PhD *S.Calif*.  
 Fossey, E., DipCOT *U.K.* MSc(HealthPsychol.) *City, Lond.*.  
 Fricke, J., BAppSc(OccTher) *Lincoln*.  
 Froude, E., BAppSc(OccTher) *Cumberland*, GradDipNeurosc *La Trobe*.  
 Kennedy-Jones, M., BAppSc(OccTher) *Lincoln*, GradDipM<sup>ent</sup>St *Melb.*.  
 Kraus, E., BSc(OccTher) *UCT*, DipAdEd *UCT*.  
 Lentin, P., BAppSc(OccTher) *Lincoln*.  
 Lovell, R., BAppSc(OccTher) *Lincoln*, GradDipGer *La Trobe*.  
 Martin, E.M., NZDipOT *CIT(NZ)*, PGDipHlthResMeth *La Trobe*.  
 McOwan, C., BAppSc(OccTher) *Lincoln*, OTR, CHT.  
 Mudie, H., DipOT *NSW*, GradDip(Neurosci) *Lincoln*, PhD *La Trobe*.  
 Winzeler, U., DipOT *Zurich*.

**School of Orthoptics****Associate Professor**

Abel, L., BSc *Carnegie Mellon*, MSc *Carnegie Mellon*, PhD *Carnegie Mellon*.

**Senior Lecturer and Head of School**

Fitzmaurice, K., HDTS *Melb.* CAE, DipAppSc(Orth) *La Trobe*, PhD *Melb.* DOBA MOAA.

**Lecturers**

Devereux, C., DipAppSc(Orth) *La Trobe*, BEd *Melb.*, MAppSc *La Trobe*, DOBA MOAA.  
 Georgievski, Z., BAppSc(Orth)(Hons) *La Trobe*, DOBA MOAA.  
 Kwok, L.S., BE *NSW*, BOptom *NSW*, PhD *NSW*, FAAO.  
 Pollock, J., DipAppSc(Orth) *La Trobe*, GradDip(Neuro) *La Trobe*, DOBA MOAA.  
 Rota-Bartelink, A.M., DipAppSc(Orth) *La Trobe*, DOBA MOAA.  
 Santamaria, L., DipAppSc(Orth) *La Trobe*, MAppSc *La Trobe*, DOBA MOAA.

**School of Physiotherapy****Professor and Head of School**

Morris, M., BAppSc(Physio) *Lincoln*, GradDipGerontology *La Trobe*, PhD *La Trobe*, MAPA.

**Associate Professors**

Bennett, K.M.B., BAppSc(Physio) *Lincoln*, DipTP Physio. Reg. Bd. (England), CertEd *Hudd.*, PhD *Camb.*  
 Robertson, V.J., BA(Hons) *La Trobe*, BAppSc(Physio) *Lincoln*, PhD *La Trobe*, MAPA.

**Senior Lecturers**

Best, D.L., DipPhysio Masseurs Reg Bd, MEd *La Trobe*, MAPA.  
 Burman, E.R., BAppSc(Physio) *Vic Inst Coll*, GradDipPhysio *Lincoln*, MAPA.  
 Goldie, P.A., BAppSc(Physio) *Vic Inst Coll*, MAppSc *Lincoln*, PhD *La Trobe*, MAPA.  
 Kolt, G.S., BSc *Melb.*, GradDipEd *Hawthorn*, BAppSc(Physio) *La Trobe*, GradDipBehavStHlthCare *La Trobe*, PhD *La Trobe*, MAPA.

**MAPS**

McBurney, H., BAppSc(Physio) *Lincoln*, GradDipPhysio *Lincoln*, PhD *La Trobe*, MAPA.

**Lecturers**

Bond, H.R., BAppSc(Physio) *Lincoln*, GradDipPhysio *La Trobe*, MAPA.  
 Davidson, M., BAppSc(Physio) *Curtin*, MAPA.  
 Dodd, K., BAppSc(Physio) *Lincoln*, MAPA.  
 Donald, K.J., BSc(Physio) *Glas.*, GradDipDesign *Lond.*, MCSP, MAPA.  
 Keating, J., BAppSc(Physio) *Lincoln*, GradDipManipPhysio *La Trobe*, PhD *La Trobe*, MAPA, MMPAA.  
 Niere, K.R., BAppSc(Physio) *Lincoln*, GradDipManipTher *Lincoln*, MManipPhysio *La Trobe* MAPA, MMPAA.  
 Taylor, N., BSc *Melb.*, BAppSc(Physio) *Lincoln*, MAPA.

**Associate Lecturers**

Capaldi, R., BPhysio (Hons) *La Trobe*.  
 Coburn, P.T., BSc *Melb.*, BAppSc(Physio) *Lincoln*, MAPA.  
 Lang, S., BAppSc(Physio) *Lincoln*, GradDipManipTher *La Trobe*, MAPA, MMPAA.  
 Mackenzie, M.E., DipPhysio *Vic Inst Coll*, PGradDipHlthRsrchMeth *La Trobe*, MAPA.  
 McConville, J.C., BAppSc(Physio) *Lincoln*, GradDipPhysio *Lincoln*, MSc *Melb.*, MAPA.  
 Spurr, D.M., BAppSc(Physio) *Lincoln*, MEd *La Trobe*, MAPA.  
 Webster, M.J., BEd *La Trobe*, BAppSc(Physio) *Vic Inst Coll*, MAPA.  
 Wilson S.C., BAppSc(Physio) *Lincoln*, GradDipManipPhysio *La Trobe*, MAPA, MMPAA, MAAV.  
 Wittwer, J.E., BAppSc(Physio) *Lincoln*, GradDipPhysio *La Trobe*, MAPA.

**Research Staff**

Gregory, S.J., BAppSc(PhyEd) *RMIT*, DipEd *RMIT*.  
 Reid, J.E., GradDipHlthSchHlthPromHlthEd *Deakin*.

**School of Public Health****Professors**

Duckett, S.J., BEc *ANU*, DipEd(Tert) *Darling Downs*, DipLegStuds *La Trobe*, MHA *NSW* PhD *NSW*, FCHSE.  
 Kellehear, A., BA *NSW*, PhD *NSW*.

**Adjunct Professors**

Brand, I.A.G., MBBS *Adel.*, FCHSECH, FRACMA, FCPA, FHF, FSHPCP, CMAHRI, FAPHA.  
 Kendig, H., AB *Calif Davis*, MP *S.Calif.*, PhD *S.Calif.*  
 Lin, V., BA *Yale*, MPH *Calif.*, PhD *Calif.*  
 Phelan, P., BSc(Hons) *Qld.*, MBBS(Hons) *Qld.*, MD *Qld.*  
 Prideaux, G., BA *Syd.*, DipSocWork *Syd.*, MA *Monash*, EdD *Boston*.  
 Roberts, R., BA *Syd.*, MPH *Syd.*, MBA *Monash*.

**Associate Professor and Head of School**

Gardner, H., BA(Hons) *La Trobe* MA *La Trobe*, MAIPA.

**Associate Professors/Readers**

Daly, J. BSc *Natal*, MEnvSc *Monash*, PhD *La Trobe*.  
 Ell, M.F., BSc *Notre Dame*, CCHRA (C).  
 Foreman, P., BSc *Melb.*, MAPS.  
 Legge, D., MD *Melb.*, BS *Melb.*, BMedSc *Melb.*, FRACP.

**Senior Lecturers**

Barracough, S.D., BA(Hons) *ANU*, MA *Lond.*, PhD *Qld.*  
 Browning, C., BSc *Monash*, MSc *Monash*, PhD *La Trobe*, MAPS.  
 Costigan, J., BA(Hons) *Melb.*, DipSocStud *Melb.*, DipEd *Melb.*  
 Harvey, K., MBBS *Melb.*, FRCPA, MASM.  
 Liamputong-Rice, P., BEd *Srinakharinwirot*, MEd *Srinakharinwirot*, PhD *Monash*.  
 McCoppin, B., BA *Melb.*, BSW *Melb.*, MA *La Trobe*, RN.  
 McGartland, M., BSc *Melb.*, MSc *Melb.*, MAPS, MACE.  
 Moloney, L., MA *Melb.*, MSc *Edin*, MAPS.  
 Murphy, G.C., BA *Melb.*, MA *Melb.*, DipEd *Melb.*, MAPS.  
 Pei, L., MD *Kunming Medical College*, MSc *Chulalongkorn*, PhD *La Trobe*.  
 Schwartz, M., BSc *Melb.*, PhD *Monash*.  
 Slater, N., BA *Michigan*, MA *Ohio*, PhD *Ohio*.  
 Stanton, P., BA(Econ) *Manc.*, CertEd *Manc.*, MSc *Salf.*  
 Walker, R., BA *Curtin*, BEd *Perth*, DipDiet *Royal Perth*, PhD *La Trobe*.  
 Williamson, D.B., BAppSc(MRA) *La Trobe*, GDipErg *La Trobe*.  
 Wills, G., BA *Melb.*, TSTC *Melb* Inst of Ed., DipPsych *Melb.*, MA *Melb.*, PhD *La Trobe University*.

**Adjunct Senior Lecturers**

Robinson, Y., BA(Psych)(Hons)*Sus.*, MSc *Lond.*, PGDipHlthEd *Lond.*, MBA *Hull*.

## Officers and Staff

Swift, D., BA RMIT, MA NSW.

### Lecturers

Aroni, R., BA Monash, PhD Monash, Dip Youth Leadership Training Jerusalem.  
Gardner, H., BSc Melb., MA Swinburne UT, PhD Swinburne UT, MAPS, MCCP.  
Grain, H., AssocDipMRA Caulfield, GDipDataProc Caulfield.  
Gregory, K., BBSc La Trobe, BEd La Trobe, MA La Trobe, PhD Deakin.  
Hoerner, M., Cert Prim Teach Toorak, Dip Art RMIT, BA Deakin, BEd La Trobe, MA La Trobe.  
O'Connor, D., BA Melb., BSW Melb., MSW Melb.  
O'Halloran, P.D., BBSc La Trobe, GDipHlth(Psych) La Trobe.  
Peterson, C., BA La Trobe, PhD La Trobe.  
Pierson, J.M., BSc(Hons) Monash, PhD Monash, MAPS.  
Polgar, S., BSc Syd., MSc Melb.  
Robinson, K., BHA NSW, BAppSc(MRA) NSW, MHP NSW.  
Rumbold, B., BSc Melb., MSc Melb., BD La Trobe, MCD La Trobe, MA La Trobe, PhD Monash & Manc.  
Rumbold, J., BA(Hons) Monash, BEd La Trobe, MEd La Trobe.  
Swersissen, H., BAppSc (Psych) WAIT, GDip(Psych) WAIT, BA Murd., MApp(Psych) Murd., MAPS.  
Tacticos, T., BBus Chisholm Inst. of Tech, DipCommDev Phillip Inst. of Tech.  
Thiessen, V.F., AssocDipMRA La Trobe, BAppSc(HIM) La Trobe, GDipHlthAdmin La Trobe, MHSc La Trobe.  
Whitfield, J., AssDip(MRA) La Trobe, BHA NSW.

### Associate Lecturers

Adams, J.M., BA La Trobe, PGDipHlth(Psych) La Trobe.  
Birmingham, R.E., BBSc La Trobe, PGDipHlth(Psych) La Trobe.

### Research Staff

Bateman, G.B., BA La Trobe.  
Hughes, E., BSc WAust. MA La Trobe.  
Morrison, E., BA SwinburneUT, GradDipBehStudiesHlthCare La Trobe.  
Nathan, J., BA Natal.  
Op't Hoog, C., BN La Trobe, GDipSoc La Trobe.  
Woolcock, G.W., BA Qld.  
Young, A.E., BBSc La Trobe, GDipHlth(Psych) La Trobe.

## Department of Social Work and Social Policy

### Professor

Cox, D.R., BA Melb., DipSS Melb., PhD La Trobe, AM.

### Senior Lecturer and Head of Department.

Healy, W.P., DipSS Melb., MA Melb.

### Senior Lecturers

Fook, J., BSW NSW, MSW Syd.(Secondment).  
Frederico, M.M., BA Melb., DipSS Melb., MBA Melb., MSW Smith.  
Owen, L., BA Melb., DipSS Melb., DipHSR RMIT, MSW Monash.  
Picton, C., BA Wales, CertSocSc Liv., MSW Monash.  
Puckett, T.C., BA New Mexico, MSW Washington, PhD Lond.  
Ryan, M., BBSc La Trobe, BSW La Trobe, MSW Monash, PhD La Trobe.

### Lecturers

Bigby, C., BA ApplSocStud Bradford, MSW, Melb., PhD Melb.  
Cleak, H., BA Melb., DipSS Melb., MSW Monash, PhD Melb.  
Furlong, M., BA Melb., BSW Melb., MSW Melb.  
Gleed, S., BSocWk NSW, MSocWk James Cook.  
Gregory, R., BSW Phillip Institute of Technology.

### Associate Lecturer

Brophy, L.M., BBSc La Trobe, BSW La Trobe, MPolLaw La Trobe.

### Research Fellows

Cooper, B.K. BA Swinburne UT, Dip Swinburne UT, MA Monash  
Lunken, A., BA Lanc., DipSW Lanc., MSc Sur., PhD Lanc.

## Australian Institute for Primary Care

### Director

Swersissen, H., BAppSc(Psych) Curtin, GDipPsych Curtin, MAppSc Murd., MAPS.

## Centre for Development and Innovation in Health

### Research Fellows

Butler, P., BA Melb., GDipCommDev RMIT.  
Wilson, G.L., BA Adel.  
Wright, M., BA Monash, RTN.

## Centre for Social Health

### Research Fellows

Macmillan, J., BA Melb., DipEd Melb.

Marshall, S., BA Monash, AssDipBus(LegalPractice) RMIT, BLitt Melb., GDipHlthPsych La Trobe.  
Sutherland, M., GradDip(Women's Health) La Trobe, DipAppSc(Nsg) La Trobe.

## Lincoln Gerontology Centre

### Centre Director

Foreman, P., BSc Melb., MAPS.

### Research Fellows

Humphries, S., BA Melb., ACTT Melb., GradDipSoc La Trobe.  
Osborne, D., BSc Wales, PGCE Uni.Coll.Cardiff, MSc Lond., GradDipEpid&Stats Melb.  
Petrallia, W., BA Melb., DipEd Melb., GradDipEd(Multicult.Studies) Melb., MGer La Trobe.  
Russell, H., BA(Hons) Melb., DipEd Melb., MEd Melb.  
Wells, Y., BA(Hons) Adel., MPsych La Trobe, PhD La Trobe, MAPS.

## Quality Improvement and Community Services Accreditation

### Director

Renhard R., BSc Monash, GDipNut&Diet Qld.UT, GDipBusMan Monash.

### Research Fellow

Dickens, E., BA Adel., DipEdPsych Monash, MGer La Trobe.

## VicHealth Evaluation Unit

### Research Fellows

Biuso, C., BHSc La Trobe, CertCardRehab Melb.  
Crisp, B.R., BA Melb., BSW La Trobe, BTheol Melb.

## Australian Research Centre in Sex, Health and Society

### Professor and Director

Rosenthal, D., BA Melb., PhD Melb., MAPS.

### Associate Professor and Deputy Director

Dowsett, G., BA Qld., DipEd Qld., PhD Macq.

### Senior Research Fellows

Kavanagh, A.M., BM Flin., BS Flin., PhD ANU.  
Smith, A., BSc NSW, PhD ANU.

### Research Fellows

Aspin, C., BA Auck., DipTeach Auck., MA Well.  
Bartos, M., BA ANU, MEd Melb.  
Couch, M., BA Flin.  
Grierson, J., BPsych James Cook.  
Hillier, L., TPTC Coburg State College, TLTC Melb State College, BBSc La Trobe, PhD La Trobe.  
Hurley, M.E., BA Syd., DipEd State College Victoria, M.Litt NE.  
Kirkman, M., BA Melb., DipKTC Melb. State College, PhD La Trobe, MAPS.  
Lindsay, J., BA La Trobe, PhD La Trobe.  
McDonnell, E.J., BA(Hons) UEA, GradDipCreativeWriting Melb.  
O'Brien, M.L., BA Swinburne UT.  
Willis, J., BA(Hons) NSW, MLitt NE, PhD Qld.

### Research Assistants

De Visser, R., BSc Melb., GradDipHlthPsych. La Trobe.  
Dempsey, D., BA La Trobe.  
McDonald, K.M., BA Monash, MA Monash.  
Newnham, K., BSc Melb., GradDipHlthPromotion La Trobe.

### Community Liaison Officers

Mitchell, A., BA Melb., DipEd Melb., MA Melb.  
Walsh, J., DipEd W'gong, GradDipAdultEd W'gong.

## The Bouverie Centre

### Director

Riess, C., MBBS Monash, BMedSc Monash, Cert C&A Psych La Trobe, FRANZCP.

### Senior Lecturer.

Perlesz, A., BA, Melb., MA Melb., PhD La Trobe.

### Lecturers

Butera-Prinzi, F., BA La Trobe, BSW La Trobe, GradDipFamTher La Trobe.  
Charles, N., BBSc La Trobe, GradDipEdPsych Monash, GradDipFamTherapy La Trobe, MPsych La Trobe.  
Dwyer, J., BSW, Monash.  
Elliott, R., BA(Hons) Monash, GradDipOrgChange&Dev RMIT, MFamTher La Trobe.  
Finlay, R., MBBS Melb.  
Maheras, N., BSc(Psych) Melb., GradDipFamTher La Trobe.

Miller, R., BSW *Melb.*, MFamTher *La Trobe*.  
 Moloney, B., BSW *Melb.*, BEd (Couns) *La Trobe*, MCouns *La Trobe*.  
 Proctor, K., BA *Melb.*, DipEd *La Trobe*, BEd(Couns) *La Trobe*, MFamTher *La Trobe*.  
 Rycroft, P., BA *Monash*, Dip Ed (Psych) *Melb.*, MPsyth *La Trobe*.  
 U'Ren, G., BA, GradDip(Soc.Research), GradCertFamTher *La Trobe*.  
 Welfare, A., BA(Hons) *Melb.*, BSc *Melb.*, MFamTher *La Trobe*.  
 Young, J., BSc(Hons), GradDipFamTher *La Trobe*, MSc.

#### Centre for the Study of Mothers' and Children's Health

##### Professor and Director

Lumley, J., MA *Camb.*, GDipChildDev *Melb.*, MBBS *Monash*, PhD *Monash*, FAFPHM, FFPHM (U.K.).

##### Research Staff

Brown, S., BA(Hons) *Melb.*, PhD *Monash*.  
 Bruinsma, F., BBSc *La Trobe*, GradDipAppPsych *Monash*.  
 Clarke, W., BSc *Melb.*, GradDipCompSci *La Trobe*.  
 Cooper, R., MBBS *Melb.*, MSc *McG.*, MPH *Monash*.  
 Dawson, W., BBus *RMIT*, CertHlthEc *Monash*.  
 Forster, D.A., BHLthSc(Nurs) *VictoriaUT*, GradDipMidwifery *RMIT*.  
 Jones, P., RN, ICU, GradDipEpid *Melb.*  
 Krastev, A., BNurs *La Trobe*, GradDipMidwifery *La Trobe*.  
 McLachlan, H.L., BNurs *Deakin*, GradDipAdvNurs(Midwifery) *La Trobe*, MNursStud *Deakin*.  
 Mitchell, C., RN, RM, MCHN, BAppSc *La Trobe*, GradDipComp *Monash*.  
 Petrony, S.A., RN, GradDipSocSci(Child Dev) *S.Aust.*, BNursStud *S.Aust.*  
 Potter, A., RN, RM, DipCHN *College of Nursing*.  
 Robbins, D.J., BA(Hons) *Deakin*.  
 Shelley, J., BA *Syd.*, MPH *Syd.*, PhD *Syd.*  
 Sloman, R., MBBS *Monash*, GradDipEpid *Melb.*, FRACGP.  
 Small, R., BA *Melb.*, Dip Ed *La Trobe*, GradDipLib *RMIT*, GradDipEpid *Melb.*  
 Venn, A., BSc *Lond.*, PhD *Lond.*, DipEpid *Melb.*  
 Watson, L., BSc *Melb.*, MSc *La Trobe*.  
 Yelland, J., RN, BAppSc *La Trobe*.

##### Community Development Officers

Amev, W., BSci *Flin.*, M Nutrition & Dietetics *Flin*.  
 Brown, D., AssDip Community Development *CenGippslandTAFE*.  
 Dufty, G., BA *Masey*, BSocWork *Melb.*  
 Everill, S., RN, GradDip Business *RMIT*.  
 Lanyon, A., BA *La Trobe*, MLetters *NE*.  
 Sanders, M., BSci *Monash*, BAppSci *Deakin*, GradDip Adolescent Health & Welfare *Melb.*  
 Skipsey, L., AssDipSocSci *Casey Institute*.  
 Stone, J., DipGenNursing *QVMC*, GradDipSocSci *RMIT*, M PubPol & Management *Monash*.  
 Taylor, S., BA (Hons) *Exon.*, GradDipAppSocStudies *Leic.*, BSW *Melb.*, MSW *Melb.*

#### North East Health Promotion Centre

##### Director

Jolly, K., GradDipHlthEdPromo *La Trobe*.

#### Rehabilitation Research and Training Unit

##### Convenor

Foreman, P., BSc *Melb.*, MAPsS.  
 Murphy, G.C., MA *Melb.*, DipEd *Melb.*, MAPsS.

##### Research Staff

Aroni, R., BA *Monash*, PhD *Monash*, DipYouthLeadershipTraining *Jerusalem*.

##### Honorary Affiliate

Kearsey, I., BAppSc(MRA) *Lincoln*, GradDip(HlthAdmin) *Lincoln*, MA *Monash*.  
 Remenyi, A. G., MA *Melb.*, TPTC AIE *Lond.*, MAPsS.  
 Schultz, C.L., BA *Qld.*, PhD *Qld.*, MAPsS.  
 Smith, J., DipAssSc(EnvHlth) *SwinburneUT*, GradDip(HlthAdmin) *Lincoln*, MHSc *La Trobe*, AFACHSE, CHE, AAIM, FAJEH.

##### Emeritus Scholar

Kirkby, R., BSc *Oregon*, PhD *NSW*, FBPsS, FAPsP.

#### Palliative Care Unit

##### Professor of Palliative Care & Director

Kellehear, A., BA *Ph.D. NSW*.

##### Senior Lecturer in Public Health

Daly, J., BBSc *Natal*, MEnvSc *Monash*, Ph.D.

##### Lecturer in Palliative Care

Rumbold, B., BSc *Melb.*, MSc *Melb.*, BD *La Trobe*, MCD *La Trobe*, MA *La Trobe*, Ph.D. *Monash & Manchester*

##### Health Promotion Workers

Bateman, G., BA  
 Nathan, J., BA *Natal*

##### Administration Officer

Cotronei, V., BA

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Wales, Professor R., BSc *Lond.*, PhD *Reading*.

##### Deputy Dean

Richards, J.M., BA *NZ*, MA *Auck*

##### Registrar

Rogers, H.S., BA *Syd.*

#### School of Archaeological and Historical Studies

##### Head of School

Frost, A.J., MA *Qld.* & *Roch.*, DLitt *Qld.*, PhD *Roch.*, FRHistS, FAHA.

##### Department of Archaeology

##### Professor and Head of Department

Murray, T., BA(double Hons) *Syd.*, PhD *Syd.*

##### Reader

Frankel, D., BA(Hons) *Syd.*, MA *Syd.*, PhD *Göteborg*, FAHA.

##### Senior Lecturers

Cosgrove, R., BA *ANU*, MA *James Cook*, PhD *La Trobe*.  
 Edwards, P.C., BSc *Monash*, BA(Hons) *Syd.*, PhD *Syd.*  
 Lawrence, S., BA(Hons) *Calg.*, PhD *La Trobe*.  
 Stern, N., BA(Hons) *Syd.*, MA *Harv.*, PhD *Harv.*

##### Lecturer

Liu, L., BA(Hons) *Northwestern*, MA *Temple*, PhD *Harv.*

##### Australian Research Council Senior Fellow

Mathews, P.L., BA(Hons) *Calg.*, MPhil *Yale*, PhD *Yale*.

##### Australian Research Council Fellow

Webb, J.M., BA(Hons) *Melb.*, PhD *Melb.*

#### Department of History

##### Professor and Head of Department

Frost, A.J., MA *Qld.* & *Roch.*, DLitt *Qld.*, PhD *Roch.*, FRHistS, FAHA.

##### Professors

Lake, M., MA *Tas.*, PhD *Monash*, FAHA.  
 Salmond, J.A., MA *Otago*, PhD *Duke*, FAHA.

##### Readers

Breen, W.J., BA *Melb.*, PhD *Duke*.  
 Broome, R.L., BA *NSW*, PhD *Syd.*  
 Carr, B., MA *Oxf.*, DPhil *Oxf.*, PhD *Oxf.*  
 Hammerton, A.J., BA *Sir G. Wms*, PhD *Br.Col.*, FRHistS.  
 Hirst, J.B., PhD *Adel.*, FASSA, FAHA.  
 Kirkby, D., BA *NSW*, PhD *Calif.*  
 Murray, W.J., BA *Adel.*, PhD *ANU*.  
 Niblo, S.R., BA *Colorado*, PhD *N.Ill.*

##### Senior Lecturers

Bull, P.J., BA *Adel.*, PhD *Camb.*  
 Dorward, D.C., BA *Union Coll.*, MA *New Mexico State*, PhD *Lond.*  
 Gardner, A.E., MA *Edin.*, BD *Edin.*, PhD *Edin.*  
 Holmes, K., BA *Melb.*, PhD *Melb.*  
 Jones, A., BA *Melb.*, MA *La Trobe*, MA *Harv.*, PhD *Harv.*  
 Kirkby, D., BA *NSW*, PhD *Calif.*  
 Richards, J.M., BA *NZ*, MA *Auck*.  
 Rule P.A., BA *Melb.*, PhD *ANU*.  
 Tyrrell, A., MA *Edin.* & *McM.*

##### Lecturers

Cashmere, J.J., BA *NSW*, MA *Tas.*  
 Ellem, W., BA *NE*, MA *Yale*, MPhil *Yale*.

##### Honorary Visiting Professor

Osborn, E.F., MA *Melb.*, PhD *Camb.*, DD *Camb.*, FAHA.

##### Research Fellow

Day, D.A., BA *Melb.*, PhD *Camb.*

#### School of Arts and Media

##### Senior Lecturer and Head of School

Williams, B.J., BA(Hons) *W.Aust.*, MA *Camb.*



## Officers and Staff

### Associate Lecturer

Kirchner, C.H., MA Macq., DipArts, Film & TV AFTRS, GradDipEd Hawthorn.

### Department of Art History

#### Reader

Barclay Lloyd, J.E., MPhil Lond., PhD Lond., FAHA.

#### Senior Lecturers

Ellem, L., BA Melb., MA Yale, MPhil Yale.

Gaston, R.W., MA Melb., PhD Lond.

Haese, R.R.P., BA(Hons) Adel., PhD Monash.

Heckes, F.I., BA Calif., MA Indiana & Mich., PhD Mich.

McPhee, I.D., BA(Hons) Syd., PhD Cinc., FSA.

#### Lecturer

Harrison, S., MA La Trobe, PhD La Trobe.

### Honorary Associates

Bowden, R., MLitt Oxf., DPhil Oxf., PhD Monash.

Morgan, N.J., MA Camb. & E.Anglia, PhD Lond., FSA.

Stalblein, P.H., BA Northwestern, PhD Northwestern.

### Department of Cinema Studies

#### Senior Lecturer

Mayer, G., BA Melb., BCom Melb., DipEd Melb., MEd La Trobe, PhD La Trobe.

#### Lecturers

Berry, C., BA(Hons) Leeds, MA UCLA, PhD UCLA.

Collins, F., BA NSWIT, PhD UTS.

Thompson, R.J., BA Chic.

#### Associate Lecturers

Caputo, R., BA(Hons) La Trobe.

Dzenis, A., BA(Hons) La Trobe, DipEd La Trobe.

Knee, A., BA Mich., MA NYU, PhD NYU.

#### Honorary Associate

Routt, W.D., PhD Chic.

### Department of Media Studies

#### Associate Professor

White, P.B., BA(Hons) Melb., MS Syracuse, PhD Syracuse.

#### Senior Lecturer

Turnbull, S.E., BA Lond., MA Tor., PGCE Camb., PhD La Trobe.

#### Lecturers

Benson, J.J., BCom Melb., TSTC Monash, BEd La Trobe, MEd La Trobe.

Hughes, P.W., BA UNSW, DipEd UNSW, Grad.Dip.Media Studies

Can. CAE, MA (Lit.Com.) Murd., PhD La Trobe.

Martin, H., BA Deacon, MA Qld.

Patrick, J.B., MA Camb.

#### Associate Lecturer

Waddell, T., BA Deacon, DipArts(Dramatic Arts) VCA, DipEd La Trobe, MA La Trobe, PhD La Trobe.

### Department of Theatre and Drama

#### Senior Lecturers

Milne, G.J., BA(Hons) WAust.

Tait, P., BA Monash, MA NSW, PhD UTS.

#### Lecturer

Carruthers, I.R., BA(Hons) McGill, MA Harvard Lancs., PhD Br. Col.

#### Associate Lecturers

Pulford, D.W., BEd Tas, BA Tas, MLitt NE.

Rogers, M., BA Melb.

Meyrick, J., BSSc(Hons) Exeter, MA Kansas.

#### ARC Research Fellow

Gillies, J.D., BA(Hons) NE, MA NE, M.Phil Oxf., PhD ANU.

### School of English

#### Professor and Head of School

Freadman, R., BA Brandeis, DPhil Oxf.

#### Associate Professor and Reader

Tacey, D.J., BA Flinders, PhD Adel.

#### Reader

Wiltshire, J.A., BA Camb., PhD La Trobe, FAHA.

#### Senior Lecturers

Kratzmann, G.C., BA Qld, MA ANU, PhD Edin.

Palmer, C.E., BA Syd., BPhil Oxf., MA La Trobe.

Perera, S., BA S.Lanka, PhD Columbia.

Richards, M.E.A., MA Auck.

Salzman, P.J., BA Monash, PhD Camb.

Souter, K.M.T., BA La Trobe, PhD La Trobe.

Thomas, S.H., MA Qld, PhD Qld.

#### Honorary Associate Fellow

Collits, T., BA Newcastle (NSW), DipEd Newcastle (NSW), BA Syd., MA Syd.

#### Lecturers

Gandhi, L., BA Delhi, MPhil Oxf., DPhil Oxf.

Martin, S.K., BA Monash, PhD Monash.

Merli, C.A., BA Melb.

Ravenscroft, A., BA Melb., PhD Monash.

Topliss, I.E., BA Monash, MA Camb., PhD Camb.

### School of Languages, Cultures and Linguistics

#### Head of School

Gatt-Rutter, J., MA Camb.

### Department of Asian Studies

#### Professor

Fitzgerald, J., BA Syd., PhD ANU.

#### Reader

Bailey, G.M., BEc Monash, MA Lanc., PhD Melb.

#### Senior Lecturers

Aveling, H.G., MA Syd., DipAnth Syd., MEd NE, PhD NU Singapore,

STM Wollaston, STh NZBTS, MACE, MASPEA.

McLaren, A., BA ANU, PhD ANU, DipEd Melb.

Okano, K., BEd Hiroshima, MA Syd., PhD Massey.

Pandey, R., BA Pune & Oxf., MA Wash. St Louis, PhD ANU.

#### Lecturers

Asaoka, T., BA Japan Women's, MA Monash, PhD Monash.

Djenar, N., Dra Gajah Mada, GradDipEd HIE, MA La Trobe.

#### Associate Lecturers

Gao, B., BA Capital Teachers, DipEd La Trobe, PhD La Trobe.

Muslim, U., MA La Trobe.

Tanaka, L., BEd Chiba, MEd Chiba.

Xu, Y.Z., BA Beijing Lang. Inst. PhD La Trobe.

Xu, H.L., BA Guangzhou Foreign Lang. Inst., DipEd Singapore, MA La Trobe, DipBusAdmin Syd. .

#### Research

Ray, A., BPharm Syd., Lth Melb., BA(Hons) Murd., PhD La Trobe.

### Department of Hellenic Studies

Professor, Head of Department and SS Dardalis Chair of Hellenic Studies

Gauntlett, E., MA Oxf., DPhil Oxf.

#### Senior Lecturer

Fifis, C.N., LittB NE, MA Melb., BEc SCV Hawthorn, DipEd SCV Hawthorn.

#### Lecturers

Chatzinikolaou, A., BA Melb., DipEd Melb.

Etmektsoglou, G., BA Athens, MA Emory, PhD Emory.

Herodotou, M., BA Athens, LittB NE, DipEd Melb., MA Melb.

Nickas, H., MA Melb.

Spiliadis, A., MA Melb. .

#### Director of National Centre of Hellenic Studies

Tamis, A.M., MA Melb., PhD Melb., DJourn RMIT, DipEd La Trobe.

#### Research Assistant

Gogidis, P., BA(Hons) Melb.

### Department of Italian Studies

Professor and Vaccari Chair in Italian Studies

Gatt-Rutter, J., MA Camb.

#### Senior Lecturer

Pagliaro, A.D., MA Melb., DP Rome.

#### Lecturers

Genovesi, P., Dott Lett Milano, MA Melb., PhD Melb.

Prunster, N., MA Syd., PhD Tor.

#### Associate Lecturer

Musolino, W., MA Melb.

#### Lettrice

Cabascia, D., Dott Lett Venice.



**Department of Spanish Studies***Professor*

Boland, R.C., BA Syd., Dip.Ed Adel., MA Flin., PhD Flin.

*Senior Lecturers*

Baxter, A., PhD ANU.

Thwaites, L.M., MA Tor., PhD Tor.

*Associate Lecturers*

Ducasse, A., BA Monash, DipEd Monash, MA Melb.

Moutinho, I., Lic Letras Lisbon, MA Melb.

*Lectoras*

Ruiz González, A.M., Lic en Filología, Alcalá de Henares.

**Department of Linguistics***Professor*

Blake, B.J., BA(Hons) Melb., MA Monash, PhD Monash, FAHA.

*Reader and Associate Professor*

Bradley, D., AB Col., PhD Lond., FASSA.

*Associate Professor*

Burridge, K., BA(Hons) UWA, PhD Lond., FAHA.

*Senior Lecturer*

Chappell, H., BA(Hons) ANU, PhD ANU.

*Lecturer*

Ng, Bee-Chin, BA(Hons) La Trobe, PhD La Trobe.

*Associate Lecturers*

Batterham, H.I., BA(Hons) La Trobe, PhD La Trobe.

Bradley, H., BA(Hons) Tel-Aviv, MA Tel Aviv, MA Monash, PhD Monash.

Reid, J., BA(Hons) La Trobe, PhD La Trobe.

**School of Philosophy**

*Professor and Head of School*  
vacant.

*Reader*

Young, R.B., BEc Syd., BA Syd., PhD Flin., FAHA.

*Senior Lecturers*

Brady, R.T., BSc Syd., MA NE, PhD St And.

Fox, J.F., BA Melb.

Hyslop, A., MA Adel., PhD La Trobe.

McCullagh, C.B., BA Syd., PhD Camb.

Mathews, F., BA Lond., PhD Lond.

Oakley, I.T., BA Melb., BPhil Oxf.

Phillips, R.G., BA Qld.

Rothfield, P.M., BA Monash, PhD Monash.

Thompson, J.L., BA Minn., BPhil Oxf.

*Lecturers*

Campbell, J.I.G., BA Queens, PhD Prin.

Farrell, R.J., BSc NSW, PhD Harv.

von Thun, M., BA Syd., PhD Syd.

*Associate Lecturer*

Barclay, L.J., BA Monash, PhD Monash.

*Honorary Associates*

Jenkin, J., BSc Adel., PhD ANU, FAIP.

Mitchell, D.J., MA Melb., BPhil Oxf.

Ramsay, H., MA Edin., PhD Edin.

*Postdoctoral Fellow*

Clarke, S.P., BA(Hons) Melb, PhD Monash.

**School of Sociology, Politics and Anthropology***Head of School*

de Vaus, D.A., BA La Trobe, DipEd La Trobe, PhD La Trobe.

**Department of Politics***Professor and Head of Department*

Altman, D., BA Tas., MA Cornell.

*Professors*

Camilleri, J.A., BA Melb., MA Monash, PhD Lond.

Jeffrey, R.B., BA Vic. B.C., DPhil Sus, FAHA.

*Readers and Associate Professors*

Brett, J., BA Melb., PhD Melb., DipSocAnthro Oxf.

Manne, R., BA Melb., BPhil Oxf.

Miller, J., MA Camb.

*Senior Lecturers*

Glezer, L., BA Melb., PhD La Trobe.

McIntyre, A.P., BA Syd., MA Yale, PhD Melb. .

Seth, S., BA Syd., PhD ANU.

Weber, T., LLB Melb., DipCrim Melb., MA La Trobe, PhD La Trobe.

*Lecturers*

Chiddick, J.P., MA Oxf., BPhil Oxf., MSc Lond.

Gurry, M., BA Monash, DipEd Monash, PhD La Trobe .

Jarvis, A., BA Monash, DPhil Oxf.

Ozolins, U.E., BA Melb., MA Melb., PhD Monash.

Rae, L., BA Monash, Dip Ed Melb.

*Associate Lecturers*

James, S., BA Melb., MA Princeton

Tavan, G., BA La Trobe, MA Melb.

*Honorary Visiting Fellow*

Schedvin, M.B., BA Syd., PhD Melb.

**Department of Sociology and Anthropology***Associate Professor and Head of Department*

de Vaus, D.A., BA La Trobe, DipEd La Trobe, PhD La Trobe.

*Professors*

Arnason, J.P., PhD Prague, DPhil Frank. Main, DHabil Bielefeld.

Beilharz, P., MA Rusden, PhD Monash, FASSA.

Kahn, J., BA Cornell, MPhil Lond., PhD Lond., FASSA.

Sugimoto, Y., BA Kyoto, PhD Pitt., FAHA.

*Associate Professors and Readers*

Carroll, J.B., BA Melb., MA Camb., PhD Camb.

Dempsey, K.C., BA Syd., PhD NE.

Ireland, R.H., BA Melb., PhD Harv.

Willis, E., MA Well., PhD Monash.

*Senior Lecturers*

Eipper, C.M., BA Syd., PhD Syd.

Goldlust, J., MA Melb., PhD York Can.

Gomes, A., MA Malaya, PhD ANU.

Langer, B.A., BA Melb., BEd Melb., MA Tor., PhD Tor.

Morton, J., BA Sus., MLittSocAnthrop Oxf., PhD ANU.

Richmond, C.M.G., BA Melb., MA ANU.

Reiger, K., BA Melb., MA La Trobe, PhD La Trobe.

Stephen, M.J., BA Melb., PhD ANU.

Trahair, R.C.S., BA Melb., PhD Melb.

Wearing, R.J., BA Adel., MA Ill., PhD Ill.

*Lecturers*

Gerrard, G., BA Melb., MA Melb., PhD Macq.

Hogan, T., BA Murd., BD Melb. College of Divinity, PhD La Trobe.

Katz, E., BA Monash, PhD La Trobe.

Mee, W.P., BA Monash, MA Monash.

Mortimer, L., BA NSW, PhD URS.

Morton, H., BA Macq., PhD ANU.

*Research Fellow*

Sharp, M.O., BA Melb., PhD La Trobe.

**FACULTY OF LAW AND MANAGEMENT***Dean*

O'Brien, Professor G.C., BSc Qld, MSc NE, PhD ANU.

*Deputy Dean*

O'Malley, Professor P.T., BA Monash, MA Well., PhD Lond.

*Registrar*

Villani, D., BA CertBAdmin Windsor, Can.

**School of Business***Professor and Acting Head of School*

Langfield-Smith, K., BEc Syd., DipFinMgt NE, MEc Macq., PhD Monash, FCPA.

**Department of Accounting and Management***Associate Professor*

Scorgie, M.E., BCom Melb., ACA.

*Senior Lecturers*

Ahmed, K., MCom Dhaka, MBA Catholic University of Leuven, Belgium, PhD ANU.

Hill, R., BA DipEd Monash, GDipLib Melb. State Coll., GDipMedia Aust. Film TV & Radio.

Sch GCertEd (Industry) Deakin, MBus(Mkting) Monash, AIMM, AHRI, MRSA, AFAMI.

McCormack, D.J., BA (Hons) Otago, MCom Melb., PhD La Trobe, AIMM.

## Officers and Staff

### Lecturers

Ardern, D., BEc (Hons) *La Trobe*, ASA.  
Capitanio, C., BEc (Hons) *La Trobe*, CPA.  
Casimir, G., BSc Newcastle, PhD Newcastle.  
D'Souza, C., BCom *Bom.*, MCom *Bom.*, DipBusAdmin&Man  
*Bom.*, DipIntTourismMgt *Bom.*, PhD *Bom.*, AFAMI, AIB.  
Henry, D., BEc (Hons) *La Trobe*, PhD *La Trobe*.  
Hill, G.G., BBus (Acc) *Swinburne UT*, DipEd *State Coll Vic*,  
GDipComputing *Deakin*, CPA.  
Ji, X., MAcc, (CSU), PhD, ASA.  
Joiner, T.A., BEc (Hons) *La Trobe*, PhD *La Trobe*, CMA.  
Langa, L., BAcc *RMIT*, MEc *La Trobe*, CPA, ATAA, IFTA, ASA.  
Leveson, L.C., BCom *Melb.*, DipEd *Melb.*, MEd *La Trobe*.  
Lim, S.S.H., BEc *RMIT*, GDipCompSc *RMIT*, PGradDipAcc *La Trobe*,  
GDipInfoSys *RMIT*, ASA.  
Salmon, S.L., BEc *La Trobe*, DipEd *La Trobe*, PGradDipAcc *La Trobe*,  
BBus(Acc) *Swinburne UT*, CPA.

### Associate Lecturers

Bou-Raad, G., BCom (Hons) *La Trobe*.  
Peretiatko, R., BSc *Swinburne UT*, Dip Ed *Swinburne UT*, BEd  
*Swinburne UT*, BEc *Swinburne UT*, BEng *Swinburne UT*, MBA *Monash*.  
Pervan, S., BCom *Auck.*, MCom *Auck*.  
Smith, D., BCom (Hons) *La Trobe*.

## Department of Economics and Finance

### Honourary Visiting Fellow

Huynh, F.C.H., BCom *WAust.*, MEc *Monash*, PhD *Mich. State*.

### Readers

Clarke, H.R., BA *Macq.*, PhD *ANU*.  
Edwards, G.W., BAgrEc *UNE*.  
Jayasuriya, S.K.W., BA *Perad'ya*, MAGDevEc PhD *ANU*.  
Kennedy, J.O.S., BSc *Brist.*, PhD *Lond*.  
King, J.E., BA *Oxf*.  
Moosa, I.A., BA *Sheff.*, MA *Sheff.*, PhD *Sheff.*

### Senior Lecturers

Burley, H.T., BEc *Adel.*, MA *Camb.*, PhD *Camb.*, FSS.  
Choe, C., BA *Seoul National Univ.*, MA *Sury.*, Albany, PhD *Minnesota*.  
Dumsday, R.G., BAgrSc *Melb.*, PhD *UNE*.  
Frost, L.E., BEc *Monash*, DipEd *Monash*, PhD *Monash*.  
Schneider, M.P., BA *Adel.*, MSc *Camb*.  
Silvapulle, P., BSc *S.Lanka*, MSc (Stats) *MEC ANU*, PhD *Monash*.

### Lecturers

Bidarkota, P., BTech *IIT Bombay*, MA *Ohio State*, PhD *Ohio State*.  
Bollen, B., BSc, DipEd *Monash*, GradDipEconometrics *New England*.  
Dungey, M., BEc *Tas.*, PhD *ANU*.  
Fraser, I., BA *Econ Portsmouth*, PhD *Uni of Man*.  
Hewitson, G., BEc *Flinders*, MEc, *Monash*, PhD *La Trobe*.  
Pereira, R., BEc *UBC*, MA *UBC*.  
Prentice, D., BCom *Melb.*, MCom *Melb.*, MArts *Yale*, PhD *Yale*.  
Will, L., BEc *ANU*, MEc *ANU*, PhD *ANU*.  
Yin, S., BSc *Fudan*, MEng *Shanghai Jiaotong*, PhD *Shanghai Jiaotong*.

### Associate Lecturers

Hewarathna, R., BCom *S.Lanka*, MPA *S.Lanka*, MEc *La Trobe*, PhD *La Trobe*.  
Kennedy, P., BA *Melb.*, GradDipAdvEco *Melb.*, MCom (Eco) *Melb*.  
Lenten, L., BEc (Hons) *La Trobe*, MCom *Melb*.  
Perry, N.P., BBus *UTS*, GradDipAdvEco *La Trobe*, MCom (Eco) *Melb*.  
Wilson, S.C., BEc (Hons) *La Trobe*, PhD *Melb*.

### Research

Appla, M., BEc, GradDipGov'tLaw *Melb*.  
Rowe, J.D., BA (Hons) *Adel.*, BEd *Alta.*, GradDipLib *MelbCAE*.  
Smith, M.L., BA (Soc.Sci.) *Monash*.

## School of Law and Legal Studies

### Associate Professor and Head of School

Arup, C., BA *Melb.*, LLB *Melb.*, LLM *Monash*<sup>1</sup>.

### Professors

Chanock, M., BA (Hons) *Witw.*, LLB *Witw.*, PhD *Camb*.  
O'Malley, P., BA (Hons) *Monash* MA *Well.*, PhD *Lond*.  
Thornton, M., BA (Hons) *Syd.*, LLB *NSW* LLM *Yale* FASSA, Barrister of  
the Supreme Court of New South Wales.

### Adjunct Professor

Freckelton, I., BA (Hons), LLB *Sydney*, PhD *Griffith*, Dip Th *M ANH*.

### Associate Professors

Mendelsohn, O., BA *ANU*, LLB *ANU*, MA *Calif.*, PhD *Calif*.  
Petersen, K., LLM *Melb.*, PhD *Monash*<sup>1</sup>.

Willis, J., BA *Melb.*, LLB *Melb.*, DipEd *Melb.*<sup>1</sup>.  
Zifcak, S., BA *Melb.*, LLB *Melb.*, BSW (Hons) *La Trobe*, PhD *Lond.*<sup>1</sup>.

### Senior Lecturers

Antons, C., BA *Passau*, LLB *Mainz*, PhD *Amsterdam*.  
Barnes, J.W., BJuris *UNSW*, LLB *UNSW*, MPubLaw *ANU*<sup>1</sup>.  
Chen, J., BSc *Dalian*, LLM (Hons) *Syd.*, PhD *Syd*.  
Cook, S., BEd *La Trobe*, MEd *La Trobe*.  
Corns, C., BA *Melb.*, LLB *Melb.*, LLM *Monash*, PhD *Monash*<sup>1</sup>.  
Darvall, L., LLB *Melb.*, PhD *Monash*<sup>1</sup>.  
Douglas, R., BA *Melb.*, LLB *Melb.*, MPhil *Yale.*, PhD *La Trobe*<sup>1</sup>.  
Duncanson, I., LLB *S'ion.*, BCL *Durham*, Solicitor of the Supreme Court  
(England).  
Fisher, T. S., BA *Antioch*, MA *Harv.*, PhD *Princ.*, Gazetted Mediator,  
State of Victoria.  
Grbich, J., BA *Syd.*, LLB (Hons) *Monash*, LLM *Monash*, MAPsS<sup>1</sup>.  
Howe, A., BA (Hons) *Melb.*, PhD *Melb.*, DipCrim, LLB (Hons), *Melb*.  
Laster, K., MA *LLB Melb.*<sup>1</sup>.  
Lowy, C., BA (Hons) *Melb.*, DipEd *Melb.*, MLitt *Camb*.  
Marks, L.A., BA *Monash*, LLB *Monash*, LLM *Monash*<sup>1</sup>.  
McQueen, R., BA *Melb.*, LLB *Melb.*, DipEd *Melb.*, BLitt (Hons) *Melb.*,  
PhD *Griffith*.  
Noone, M.A., BA *Monash*, LLB *Monash*<sup>1</sup>.  
Warner, K., LLB *Lond.*, BA *Hull*, LLM *Hull*.  
Wishart, D., LLM *Melb.*, BCom *Melb.*<sup>1</sup>.

### Lecturers

Brown, H., MA *Monash*, LLB *Monash*<sup>1</sup>.  
Cassidy, B., BA (Hons) *La Trobe*, PhD *La Trobe*.  
Davies, S., BA (Hons) *Melb.*, PhD *Melb*.  
Dickson, J., BA *Qld*, LLB *Melb.*, LLM *Melb.*, Solicitor of the High Court  
of Australia<sup>1</sup>.  
Goldwasser, V.R., LLB (Hons) *Lond.*, SJD *Melb.*, Solicitor of the  
Supreme Court of England and Wales<sup>1</sup>.  
Gutman, J., BA *Melb.*, LLB (Hons) *Melb.*, LLM *Monash*<sup>1</sup>.  
Harris, M., BA (Hons) *Melb.*, LLB *Melb.*, DipEd *MCAE*, MA *Monash*<sup>1</sup>.  
Henderson, E.M. BA/LLB (Hons), *Cant.*, LLM *Br.Col.* Barrister and  
Solicitor of High Court of New Zealand.  
King, H., LLB *Auck.*, LLM *Melb.*, Barrister and Solicitor of the High  
Court of New Zealand, Barrister and Solicitor of the Supreme Court of  
Western Australia and the Supreme Court of Victoria.  
McMahon, M., BA (Hons) *Melb.*, LLB *Melb.*, MAPsS, GDLS *Monash*.  
Rhodes-Little, A., BA *La Trobe*, PhD *La Trobe*.  
Taylor, S., BComm *Melb.*, LLB (Hons) *Melb.*, PhD *Melb.*<sup>1</sup>.  
Wardrop, A., BA *Melb.*, LLB *Melb*.

### Associate Lecturers

Ciro, T., BEc (Hons) *Monash*, LLB (Hons) *Monash*<sup>1</sup>.  
Harper, M., BA *Monash*, LLB *Monash*<sup>1</sup>.

**Key:** <sup>1</sup>Barrister and Solicitor of the Supreme Court of Victoria.

## School of Tourism and Hospitality

### Professor and Head of School

Murphy, P., BSc (Econ) *Lond.*, MA *Ohio*, PhD *Ohio*.

### Professor

Crouch, G., BE *Monash*, MEngSc *Monash*, MBA *Monash*, PhD  
*Monash*.

### Senior Lecturers

Best, G, BA *La Trobe*, MEd *La Trobe*, AIMM.  
Jackson, J.A., DipEd *Monash*, DipEc *Monash*, Stat (NE) *UNE*, PhD  
*Monash*.  
Michael, E., BA *La Trobe*, DipEd *La Trobe.*, PhD *La Trobe*.

### Lecturers

Bent, R., BA *University of Technology, Sydney*, MA *Monash*.  
Fitz, E.L. DipEd (Admin) *HIE*, DipAppSc *EmcP*, MHM *Griffith*.  
Frew, E., MA *Edin.*, MSc *Strath*.  
Hopkins, K., Dip Chem *Trent Polytechnic*, BA *Victoria College*, MEc *La Trobe*.  
Millar, B.J. AssDipHospSup. *Wodonga*, BEd *Melbourne*, MHM *Griffith*.  
Ritchie, M.L., BBus (Mgt) *Charles Sturt*.  
Russell, R.A. B.Bus *Griffith*.  
Sims, W., Dip Teach *Technol. Syd.*, BEd *Technol. Syd.*, MHM *Griff.*,  
AFAITT.

### Associate Lecturers

Armstrong, K., BSc *Canberra*, MA *Monash*.  
de Ferranti, J., BEd *WAust.*, MEd (Admin) *NE*, MBA *Hull*, PhD  
*Pennsylvania*.

Wehner, M.J. Dip. Art Riverina CAE, AssHospSup. Wodonga, BBus (Hosp.Mgt.) La Trobe, MEd La Trobe.

#### Research

Dore, L., BA La Trobe.

#### Consultants

Lovegrove, M., Dip Teach Auckland College of Teaching, MA Auck., PhD Auck.

Stanwick, B.A., B.Bus Canada.

### GRADUATE SCHOOL OF MANAGEMENT

#### Professor and Head of School

White, C., MA Camb.

#### Professor

Harbridge, R.J., MA (Hons), Auckland.

#### Reader

Bennington, L.A., BSW Curtin, Bapp Sc Curtin, Grad Dip Psych Curtin, MBA Monash, PhD La Trobe.

#### Senior Lecturers

Slade, B.W., Dip Ed, MEd La Trobe.

Taneja, P., BCom Agra, MA JNU, PhD Griffith.

Wilkinson, D.J., Mec, PhD La Trobe.

#### Lecturers

Allitt, C., BA La Trobe, DipEd La Trobe, DipEdAcc La Trobe,

GradDipAdEco La Trobe, GradDipComEd MCAE.

Bose, S., Bcom BIT, BBW(Acctg) BIT, GradDip BIT, GradDipEd BIT, AASA, CPA, ACIS.

DeLorenzo, M., BCom Melb., M.Com Melb.

Riquelme, H., BA UOP, MBA, Texas Tech, PhD, Manchester Business School, UK.

Hulme, V., BA La Trobe.

Thomas, K., BM, MA (Mil. Stud.) Grad. Dip. Strat Stud ANU, Grad.Dip.

Strat Stud ANU, Grad. Dip. Strat. Stud. JSSC.,

MBA Macquarie.

Xu, L., BA ECNU, MEc SASS., PhD La Trobe.

### FACULTY OF SCIENCE, TECHNOLOGY & ENGINEERING

#### Dean

Smith, Professor E.R., MSc Melb., PhD Lond.

#### Deputy Dean

Parish, R.W., BAgSc Melb., PhD Melb.

#### Registrar

Frampton, R.J., MSc Melb., PhD Monash, GradDipMan Deakin.

### School of Biochemistry and Genetics

#### Professor and Head of School

Hoogenraad, N.J., BAgSc Melb., PhD Melb.

#### Department of Biochemistry

#### Professor and Head of Department

Hoogenraad, N.J., BAgSc Melb., PhD Melb.

#### Professor

Bernard, C.C.A., DES Sorbonne, MSc Montr., PhD Montr., DSc Stras.

#### Readers

Phillips, D.R., BSc Adel., PhD Adel., DipT Adel.

Polya, G.M., BSc Tas., PhD Flinders.

Tilley, L.M., BSc Melb., PhD Syd.

#### Senior Lecturer

Anderson, M., BSc Melb., PhD La Trobe.

#### Lecturers

Herd, S.M., BSc Melb., PhD Melb., DipEd Melb.

Johnson, E., BAgSc Melb., PhD Melb.

#### Adjunct Professors

Coleman, P. BSc Adel., PhD Adel.

Hudson, P., BSc Adel., PhD Camb.

Norton, R. BSc Melb., PhD ANU.

#### Associate Lecturer

Jones, S., BSc Melb.

#### Honorary Research Fellows

Chung, R., BSc La Trobe PhD La Trobe.

Gorman, J., BSc Melb., PhD Melb.

Gray, P., BSc La Trobe, PhD La Trobe.

Heath, R., BSc Monash, PhD Melb.

Lam, B.T., MSc PhD Tokyo.

McCaskill, A., BSc Melb., PhD Melb.

Wong, V., BAppSci Swinburne UT.

#### Research Fellows

Casey, J., BSc Sheffield, PhD Lond.

Coley, A., BSc Lond., PhD Lond.

Comelissen, J., BSc Amsterdam, PhD Amsterdam.

Cullinane, C., BSc La Trobe, PhD La Trobe.

Cutts, S.M., BSc La Trobe, PhD La Trobe.

Ewing, C.M., BSc Bendigo, PhD Melb.

Foley, M., BSc Glas., PhD Dund.

Klonis, N., BSc Melb., PhD Melb.

Neumann, G., BSc La Trobe, PhD La Trobe.

Onuki, M., MD Tokyo, PhD Tokyo.

Quazi, N., BSc Jahang, MSc Jahang, PhD La Trobe.

Reid, H., BSc Monash, PhD Melb.

Stasinopoulos, S., BSc La Trobe, PhD La Trobe.

### Department of Chemistry

#### Reader and Head of Department

Brownlee, R.T.C., BA Camb., MSc E. Anglia, PhD E. Anglia, FRACI.

#### Honorary Professors.

Culvenor, C.C.J., PhD Melb., DSc Melb., DPhil Oxf.

Mathieson A. McL., BSc Aberd., PhD Glas., DSc Melb., HonDSc St And., FAA FRACI.

#### Readers and Associate Professors

Cardwell, T.J., BSc Belf., PhD Belf., DSc Belf., FRACI.

Deady, L.W., PhD Cant.

James, B.D., BSc(Hons) Sheff., PhD Sheff., FRACI FRSCchem.

Nyberg, G.L., BSc WAust., PhD Camb.

Traeger, J.C., BSc Melb., PhD La Trobe.

#### Senior Lecturers

Christie, J.R., BSc(Hons) ANU., PhD ANU.

Hughes, A.B., BSc(Hons) WAust., PhD WAust.

Rowe, J.E., BSc(Hons) Adel., PhD Alta., MRACI.

#### Research Fellows

Chen, J., PhD La Trobe.

Desneves, J., PhD La Trobe.

Kolev, S., PhD Budapest.

#### Honorary Fellows

Arthur, N.L., PhD Adel.

Broxton, T.J., PhD WAust.

Catrrall, R.W., PhD Adel., DSc Adel., FRACI.

Peel, J.B., PhD Monash, DSc Melb., MRACI.

#### Honorary Research Fellows

Domazetis, G., PhD La Trobe.

Godfrey, M.C.S., BA Sheff., PhD La Trobe.

Grobelny, D., PhD Wroclaw.

### Department of Genetics and Evolution

#### Professor and Head of Department

Crozier R.H., MSc Melb., PhD Cornell.

#### Professors

Graves, J.M., MSc Adel., PhD Calif.

Hoffmann, A.A., BSc Monash PhD La Trobe.

#### Senior Lecturers

Murray N.D., BSc Syd., PhD Syd.

Westerman, M., BSc Birm., PhD Birm.

#### Honorary Research Fellows

Baverstock, P., BSc Adel., PhD Adel.

Collet, C., BSc Melb., PhD La Trobe.

James, E.A., BSc Melb., MSc Melb.

King, M.E., BSc Adel., PhD Adel.

Krajewski, C., BSc Bemidji State, PhD Wisconsin-Madison.

Kukuk, P.F., BSc UNC, PhD Kansas.

#### Research Staff

Carew, M.E., BSc(Hons) La Trobe.

Chiotis, M., BSc(Hons) La Trobe.

Kolliker-Ott, U.M., MSc Zurich.

#### Associate Lecturers

Blanksby, T.M., BSc(Hons) La Trobe.

### Human Genetics Unit

#### Head of Unit:

to be appointed.

## Officers and Staff

### Senior Lecturers

Flannery, G.R., BSc Monash, PhD Monash.  
Fripp, Y.J., BScAgr Syd., PhD Birm.  
Mitchell, R.J., BA Dunelm, DipAnthrop Dunelm, PhD Dunelm,  
DipEd(Tert) Monash.  
White, N.G., DipTexChem Gord. Inst., BSc La Trobe, PhD La Trobe.

## School of Engineering

### Professor and Head of the School

Dillon, T.S., BE Monash, PhD Monash, FIEEE, FIEAust, FACS, FSArs.

### Department of Computer Science and Computer Engineering

#### Associate Professor and Head of Department

Robinson, I.G.A., BSc Melb., PhD Melb.

#### Professor

Dillon, T.S., BE Monash, PhD Monash, FIEEE, FIEAust, FACS, FSArs.

#### Associate Professors

Lai, R., BEng(Hons) NSW, MEngSc NSW, PhD La Trobe, MIEEE,  
MACM, MACS'.  
Reed, K., AssocDipCommEng RMIT, MSc Monash, FACS, FIEAust,  
Hon Life Member ACS.

#### Senior Lecturers

Chang, E., BSc Beijing, MSc La Trobe, PhD La Trobe.  
Khosla, R., BSc(EIEng) Kuruk, MTech IIT Delhi, MSc La Trobe, PhD La Trobe.  
Pears, A.N., BSc(Hons) La Trobe, PhD La Trobe .  
Rankin, J.R., BSc Monash, PostGDipCS Adel., PhD Adel.  
Singh, S., BSc(Hons) Delhi, MSc Delhi, PhD IIT Delhi, MIEEE, MACS.  
Soh, B.C., BSc(Hons) USM, MSc USM, PhD La Trobe, MIEEE,  
MIEEE/CS, MIEEE/RS, MACM.  
Zelezniakow, J., BSc Monash, GradDipCompSci Melb., PhD Monash .

#### Lecturers

Chung, V., BSc(Hons) London.  
Ghosh, S., BTech IIT Kanpur, MTech IIT Bombay, PhD Strath.  
Hanish, A.A., GradDipCompSc Monash, MSc (Maths) Poland.  
Rahayu, W., BSc Trisakti, GradDipAppSc(CompSc) Swinburne UT,  
MAppSc(InfoTech) Swinburne .

#### Associate Lecturers

Chilamkurti, N., BEng Bangalore, PGradDipCompSc La Trobe,  
MCompSc La Trobe.  
Holt, G., BAppSc RMIT, GradDipCompSc La Trobe,  
GradDipAdvCompSc La Trobe, MCompSc La Trobe.  
Main, J., BSc(Hons) La Trobe.  
Witten, M., BSc NE, DipEd NE, GradDipCompSc La Trobe,  
GradDipAdvCompSc La Trobe.

#### Research Fellow

Stranieri, A., BA Melb., GradDipCompSc La Trobe,  
GradDipAdvCompSc La Trobe, PhD La Trobe.

## Department of Earth Sciences

#### Head

Webb, J.A., PhD Qld .

#### Senior Lecturers

Fleming, P.D., PhD Adel.  
Gray, C.M., BSc Adel., PhD ANU.  
Hill, K.C., BA Oxf., MSc Alta, PhD Melb.

#### Lecturer

Musgrave, R.J., BSc Syd., PhD Syd.

#### Associate Lecturers

Jackson, P.G., BSc La Trobe, PhD La Trobe.

#### Research Fellows

Brown, R., PhD La Trobe.  
Buick, I.S., MSc Adel., PhD Camb.  
Foster, D.A., BA Potsdam NY, MS Montana, PhD SUNY (Albany).  
Kohn, B.P., PhD Well.  
O'Sullivan, P.B., MSc Alaska, PhD La Trobe.  
Roberts, R.G., PhD W'gong.

## Department of Electronic Engineering

#### Dr and Head of Department

Devlin, J.C., BE (Elec)(Hons) Melb., PhD La Trobe.

#### Professor (Tad Szental Chair in Electronic Engineering) and of Department

Cahill, L.W., BE(Hons) Melb., MEngSc(Hons) Melb., PhD Melb.,  
MIEEE, FIEAust.

### Adjunct Professors

Robinson, P.M., BSc Wales, PhD Wales, DSc Wales, CEng, FIM, FTS.  
Ramakrishnan, S., BE(Elec) Madras, MTech (Elec Eng) I.I.T., PhD Syd.,  
FIEAust.

### Senior Lecturers

Armstrong, J., BSc(Hons)(EngSc) Edin., MSc H.-W., PhD Monash,  
MIEEE, MIEE, FIEAust.  
Cameron, J.D., BE (Elec)(Hons) Melb., MEngSc Melb., MB BS Melb.,  
MD Monash, FIEAust. CPEng(Biomed).  
Campbell, D.A., AssocDipElectEng Q.I.T., BSc Griff., BSc(Hons) La  
Trobe , MIEEE .  
Rathbone, G.D., ARMIT, DipEd SCVH, MEngSc Melb., MIEAust.  
CPEng(Biomed).  
Usher, B.F., BSc(Hons) UWA, DipEd UWA, PhD UWA, MAIP.

### Lecturers

Deng, G., BSc Sun Yat-Sen, MSc Academia Sinica, PhD La Trobe,  
MIEEE.  
Dower, P.M., BE(Comp)(Hons) Newcastle, PhD ANU.  
Juno, P.A., DipEng RMIT, BEng RMIT, GradDipEng RMIT,  
GradDipAppSc Swinburne IT, SMIE Aust., CPEng (Biomed), MIEEE,  
MIEE.  
Tay, D., BSc(Hons) Melb., BE(Hons) Melb., PhD Cambridge.

### Associate Lecturers

Elton, D.M., BSc/BE (Elect)(Hons) La Trobe.  
Royston J.F., BEng(Hons) Melb., MEng RMIT, Grad IEAust.  
Tobin, G.R., BSc(Hons) Melb.  
Whittington, J.S., BSc(Hons) La Trobe, MEng La Trobe.

### Senior Research Fellow

Kirsner, R.L.G., BE Melb., MSc(Hons) Melb., PhD Melb.,  
CPEng(Biomed) Melb, FIEAust, FIEE, FACPSEM.

### Research Fellow

Goh, S.C. BSc Sing., MSc WAust., PhD WAust.

### Professional Officers

McDonald, G., BEng (Elec) RMIT.  
Stewart, P.M., BSc(Hons) S'ion.  
Wang, S.K., BEng(Elect)(Hons) La Trobe.

### Honorary Senior Research Fellow

Warminski, T.P., MSc Warsaw, PhD DSc Polish Academy of Sciences.

### Honorary Visiting Fellow

Knuckey, L., DipComEng RMIT., GradIEAust.

### Honorary Research Fellow

Chin-Dusting, J., BSc Monash, PhD Monash.

### Research Associate

Smith, P.R., BSc(Hons) Monash, PhD La Trobe.

## Department of Physics

### Professor and Head of Department

Leckey, R.C.G., PhD Belf., FAIP.

### Professor

Dyson, P.L., PhD Melb., FAIP .

### Honorary Professor

Troitskaya, V.A., PhD Moscow, DSc Moscow.

### Adjunct Professor

de Silva, C.G., MA Vic Berkeley, PhD Vic Berkeley.

### Readers and Associate Professors

Liesegang, J., BSc Qld, DPhil Oxf., FAIP.  
Riley, J.D., BSc BEng Syd., DPhil Oxf., FAIP, FIEAust.

### Senior Lecturers

Essex, E.A., PhD NE, FAIP M.Inst.P.  
Pigram, P.J., PhD Syd., MAIP MRACI .

### Lecturer

Miller, R.B., PhD NE, DipEd Monash, MAIP.

### Honorary Research Fellows

Burns, G.B., BSc Melb., PhD La Trobe.  
Butcher, E.C.B., PhD Exe., FAIP.  
Kalotas, T.M., MSc NSW, DPhil Sus., FAIP.  
Lee, A.R., BSc HK, PhD Lond., F.Inst.P. FAIP.  
Lynn, K., BSc Qld, MSc Qld, PhD Qld.  
McLaughlin, I.L., Dip Ed Monash, PhD Adel., FAIP.  
Nicholls, D.G., BSc Syd., MSc WAust.  
Podlesak, M., PhD La Trobe.

**Research Fellows**

Brack, N., BSc NSW., PhD NSW.  
 Davies, T., BSc Exe., MSc Brist.  
 Norman R.J., PhD La Trobe.  
 Parkinson, M.L., PhD Qld.  
 Tate, B.S., BSc(Hons) La Trobe, MSc La Trobe.

**School of Life Sciences****Professor and Head of School**

Parish, R.W., BAgrSc Melb., PhD Melb.

**Department of Agriculture Sciences****Reader and Head of Department**

Sandeman, R.M., BSc ANU, PhD ANU.

**Reader and Associate Professor**

Uren, N.C., BAgrSc Melb., DipEd Monash PhD Melb., .

**Senior Lecturers**

Bell, C.J., BSc Syd., PhD Syd.  
 Luke, R.K.J., BAgrSc Melb., PhD ANU.  
 Sale, P.W.G., BRurSc NE, PhD Syd.

**Lecturers**

Frankel, T.L., BVSc Syd., PhD Camb.  
 Jois, M., BVSc Syd., MVSc Bangalore PhD Syd.  
 McKenzie, B.M., BAgrSc Adel., PhD Adel.  
 Tisdall, J., BAgrSc Melb., MAgSc Adel, PhD Adel.

**Research Fellows**

Emmerling, M., Dr rer.nat. Dipl.Biol. Tübingen.  
 Duncan, A-M., BSc(Hons) Melb., PhD Melb.  
 Wahren, C.H., BSc(Hons) La Trobe, DipEd Mon., PhD Mon.  
 Reed, B., BSc Monash, GradDipAg La Trobe, PhD La Trobe.

**Research Assistants**

Nathanielsz, J., BSc Mon.  
 Thom, J-A., BSc(Hons) La Trobe.  
 Bound, F., BSc(Hons) RMIT.

**Laboratory Manager**

Lee, A.M., Chem.Cert. RMIT.

**Senior Technical and Research Officer**

Edwards, L.B., AssocDipAppChem RMIT.

**Senior Technical Officer**

Yunker, W., DipEng(CompSystems) BHI.

**Technical Officers**

Vavala, R., DipAppSc (Med Lab) RMIT.  
 Burke, S.

**Technical Assistants**

Evans, R.  
 Butterfield, F.

**Department of Botany****Professor and Head of Department**

Parish, R.W., BAgrSc Melb., PhD Melb.

**Adjunct Professor**

Spangenberg, G.C., PhD Heidelberg.

**Readers**

Anderson, J.W., BAgrSc Melb., PhD Melb.  
 Keane, P.J., BAgrSc Adel., PhD PNG.  
 Parsons, R.F., BSc Adel., PhD Melb.  
 Woelkerling, W.J., MSc Wis., PhD Adel., DSc Adel.

**Senior Lecturers**

Pallaghy, C.K., BSc Melb., PhD Tas.  
 Whiffin, T.P., MA Camb., PhD Texas.

**Lecturer**

Morgan, J.W., BAppSc.(Hons) VCAH, PhD La Trobe.

**Associate Lecturer**

Burgess, D.R., BSc Melb., MEd Melb., PhD Melb.

**Research Fellows**

Li, S.F., BSc Zhongshan, PhD Texas.  
 Wardrop, A.J., BSc(Hons) La Trobe, PhD La Trobe.

**Honorary Research Fellows**

Ashton, D.H., BSc Melb., PhD Melb.  
 Halloran, G., BSc Melb., DAgSc Melb., DSc Melb.  
 Lee, H., MSc Melb.  
 O'Brien, T., BAgrSc Harvard, PhD Harvard, DSc Monash.  
 Rule, K.J., BEd La Trobe.

Staff, I.A., MSc Syd., DipEd Syd., PhD S.Ill., AMusA.

**Research Assistant**

Scarlett, N.H., BSc Melb.

**Department of Microbiology****Professor and Head of Department**

Macy, J.M., MA Calif., PhD Calif. Davis, MAMSM.

**Readers**

Fisher, P.R., MSc Qld, PhD ANU, MASM.  
 MacPhee, D.G., PhD Edin., FASM.  
 May, J.T., PhD Adel., FASM.

**Senior Lecturers**

Schnagl, R.D., PhD Melb., MASM.  
 Stanisich, V.A., MSc Melb., PhD Monash, MASM.

**Associate Lecturers**

Deed, A., MSc La Trobe.  
 Spiers, S., MSc Monash.

**Honorary Senior Research Fellow**

Locamini, S., PhD Monash, MB BS Melb., MRG Path FASM.  
 Macauley, B.J., MSc Melb., PhD Syd.

**Research Fellows**

Barth, C., PhD Mainz.  
 Santini, J., BSc(Hons) La Trobe, PhD La Trobe.

**Department of Zoology****Senior Lecturer and Head of Department**

Frappell, P.B., BSc Tas., PhD Flinders.

**Professor**

Stephenson, D.G., BSc Bucharest, PhD DSc Brist. FAA.

**Readers and Associate Professors**

Marshall, A.T., BSc Leeds, DSc Leeds, PhD H.K., DIC.  
 New, T.R., BSc ARCS, PhD Lond., DIC.  
 Selwood, L., MSc Syd., PhD Syd.<sup>1</sup>  
 Warren, A.A., BSc Syd., PhD Camb.<sup>1</sup>  
 Zann, R.A., BSc NE, DipEd NE, PhD Qld.

**Senior Lecturers**

Clarke, M.F., BSc Melb., PhD Melb.  
 Ward, S.A., MA Oxf., PhD E. Anglia.

**Lecturer**

Malone, B.S., BSc Iona, PhD C.U.N.Y.

**Associate Lecturer**

Bird, F.L., BSc Melb., PhD Victoria U.T.

**NHMRC Principal Research Fellow**

Lamb, G.D., MSc Melb., PhD Melb.

**MAF Senior Research Fellow**

Selwood, L., M Sc Syd., PhD Syd.<sup>1</sup>

**Honorary Research Fellow**

Stephenson, G.M.M., BSc Bucharest, PhD Monash, GradDip RMIT.

**Research Fellow**

Patterson, M.F., BAppSc Swinburne UT., GradDipSc ANU, PhD ANU.

**Research Assistant**

Cui, S., BSc Shenyang Ag Uni, MSc Adel., PhD Adel. .

**School of Mathematical and Statistical Sciences****Associate Professor and Head of School**

Stacey, P.J., MA Camb., MSc Oxf., DPhil Oxf.

**Department of Mathematics****Associate Professor and Head of Department**

Stacey, P.J., MA Camb., MSc Oxf., DPhil Oxf.

**Professor**

Smith, E.R., MSc Melb., PhD Lond.

**Readers and Associate Professors**

Cairns, G., BEng Qld, BSc Qld, MScSt Qld, Doct 3<sup>e</sup> cycle Doct d'Etat U.S.T.L. Montpellier.  
 Davey, B.A., MSc Monash, PhD Maniit. FAustMS.  
 Quispel, G.R.W., MSc Utrecht, DipEd Utrecht, PhD Leiden.

**Senior Lecturers**

Andrew, A.L., MSc NZ & ANU., PhD La Trobe FIMA., FAustMS.  
 Elton, G., MSc NZ, PhD ANU.  
 Prince, G.E., BSc Monash, DipEd Monash, PhD La Trobe, FIMA., FAustMS.

## Officers and Staff

Roberts, J., BSc ANU., PhD Melb.  
Strantzen, J., BSc Melb., PhD La Trobe.

### Lecturers

Palmer, K.J., BSc Melb., PhD ANU.  
Seaton, K., BSc Melb., PhD Melb.

### Research Fellow

Mavior, M., BSc Comenius, MSc Comenius, PhD Comenius .

### Associate Lecturers

Banks, J., PhD La Trobe.  
Bicknell, K., MSc La Trobe.  
Brooks, J., BSc(Hons) La Trobe, PhD La Trobe.  
McLaren, D., BSc Melb., PhD Sussex.  
Perkal, N., BSc La Trobe, DipEd La Trobe, PhD La Trobe.  
Worley, A., BA Adel.

## Department of Statistical Sciences

Associate Professor and Head of Department  
Huggins, R.M., BSc La Trobe, PhD La Trobe .

### Associate Professor

Staudte, R.G., BA Brown, BSc Brown, MSc Ill., PhD Ill.

### Senior Lecturers

Chen, S.X., PhD ANU.  
Kabaila, P.V., BSc NSW, BEng NSW, PhD Newcastle (NSW).  
Silvapulle, M.J., PhD ANU.

### Lecturer

Qian, G., BSc Hefei (China), PhD Dalhousie.

### Associate Lecturer

Sommer, S., PhD La Trobe.

## School of Psychological Science

### Professor and Head of School

Pratt, C.J., MA StAndrews, DPhil Oxf.

### Readers and Associate Professors

Bavin, E.L., DipEd Lond., BEd Calgary, MA Buffalo, PhD Buffalo.  
Crewther, S.G., BSc(Hons) Melb., MSc Melb., DipEd Melb., B.Optom NSW, PhD Cal.Tech. .  
Cumming, G.D., BSc(Hons) Monash, DipEd Monash, DPhil Oxf., MAPS, MACCE.  
Foddy, M.L., BA Sask., PhD Br.Col., MAPS.  
Kinsella, G.J., DipPhysio Lond., MSc Lond., PhD Sur., MAPS, MBPS, MINS.  
Matyas, T.A., BA(Hons) NSW, PhD Macquarie, MAPS.

### Adjunct Professors

Day, R.H., BSc W.Aust., PhD Bristol, HonD La Trobe, HonDsc La Trobe, Hon FAPsS, FASSA FAA.  
Prior, M.R., Bmus Melb., BA Melb., MSc PhD Monash, FAPsS, FASSA.

### Senior Lecturers

Crowe, S.F., BSc La Trobe , BBS(Hons) La Trobe, MSc (Clin Neuro) Melb., PhD La Trobe, GradDipBus Deakin , MAPS, MINS.  
Farhall, J.F., BA(Hons) Melb., MA Melb., MAPS.  
Greenwood, K.M., BBS(Hons) La Trobe, DipCompSc La Trobe, PhD La Trobe, MAPS.  
Jackson, M., BSc(Hons) Melb., MSc (ClinNeuro) Melb., MAPS.  
Kashima, Y., LLB Tokyo, BA Calif., AM PhD Ill., .  
Kent, S.P., AB Wabash, PhD Ill.  
Littlefield, L.K., BSc Melb., DipEd Melb., BBS(Hons) La Trobe, MPsyh La Trobe, PhD La Trobe MAPS.  
Love, A.W., BA(Hons) Melb., MA(Clin Psych) Melb., DipEd Darling Downs, PhD La Trobe, MAPS.  
Ong, B., BSc Tas., MSc (Prelim) La Trobe, DipCompSc La Trobe, PhD La Trobe.  
Wertheim, E.H., BA Brandeis, MA Conn., PhD Conn.

### Lecturers

Dissanayake, A.C., BSc(Hons) Monash, PhD Monash, MAPS.  
Evans, L., BBS La Trobe, MPsyh La Trobe, PhD La Trobe, MAPS.  
Fuller, A., BA(Psyh) Monash, Dip Ed(Psyh) Monash, MPsyh La Trobe, MAPS, MVFT.  
Lindner, H.D., BSc Monash, BA Monash, DipEd Monash, GradDipBehStHlthCare La Trobe, PhD La Trobe.  
Omodei, M.M., BSc Qld, DipEd Canberra, PhD Melb., MAPS.  
Platow, M.J., BA Calif., PhD Calif.  
Skouteris, H., BA Monash, MBSc(Prelim) La Trobe, PhD La Trobe.  
Voudouris, N.J., BBS(Hons) La Trobe, PhD La Trobe, MAPS.

### Associate Lecturers

Conduit, R.D., BBS(Hons) La Trobe.

Goodyear, M.J., BBS(Hons) La Trobe.  
Sanders, M.J., BAppSci RMIT, BBS(Hons) La Trobe.

### Principal Research Fellow

Crewther, D.P., BSc(Hons) Melb., MSc Melb., PhD Cal.Tech.

### Senior Research Fellow

Wallace, M., BA Syd., PhD Macq.

### Research Fellow

Johnston, M., BSc Well., BSc(Hons) Monash, PhD Melb.

## BENDIGO FACULTY AND CAMPUS

Pro-Vice-Chancellor (Regional Development) and Dean, Bendigo Faculty

Kilmartin, Professor L., BA Qld, MA ANU, PhD La Trobe.

### Deputy Dean

MacBean, Dr I.T., OAM, BSc Melb., DipEd Monash, PhD La Trobe, .

### Faculty Registrar

Davies, L.B., GradDipMgt BCAE, GradDipEdAdmin Hawthorn.

### Academic Services Co-ordinator

Bailie, I., BAppSc(Comp Sci) RMIT.

## School of Arts and Education

### Associate Professor and Head of School

Lloyd, D.J., BSc Monash, DipEd Monash, PhD Monash, MACE.

## Department of Arts

### Associate Professor

Robertson, R.T., BA Cant., PGDA Otago, PhD Otago.

### Level D Academic

Christie, D.N., BA Melb., DipEd Melb., MEdAdmin NE, MA(Strat St) ANU, PhD Dund, RFD.  
Sworder, R.J., MA Oxf., PhD ANU.

### Senior Lecturers

Fahey, C., BA Melb., PhD Melb.  
Gabay, A., BA Calif., PhD La Trobe.  
Gillett, S., BA La Trobe, DipEd Melb, PhD La Trobe.  
Nestor, M.B., BA Melb.  
Ng, B.L., BA Malaya, DipEd Malaya, MA Sains Malaysia, PhD Griffith.  
Oldmeadow, H., BA ANU, DipEd Syd., MA Syd., PhD La Trobe.  
Penwill, J.L., BA Tas., DipEd Melb.

### Lecturers

Blackhirst, R., BA BCAE, PhD La Trobe.  
Collins, Y.M., BA NE, MLitt NE, MA Melb., ALAA.  
Gill, G., BA La Trobe, BA Melb., DipEd La Trobe.  
Phillips, T., BA Qld, PhD Qld.  
Shamsullah, A., BA CIT, MA Chisholm, PhD Melb.  
Tulloch, I., DipBusStud Ballarat, BA CIT, MIndEmpRel Monash.

### Honorary Associates

Crook, K.M., BA Melb., GDMgt UCNV, PhD Melb.  
Ng, G.C., BA, MA Sains Malaysia, PhD Griffith, FICAS.  
Russell, P. BA Adel., DipSecT, DipEdAdmin Adel. CAE.  
Tucker, R. MA Melb, Dip Ed Monash.

## Department of Visual Arts

### Senior Lecturers

Hocking, G., BA Swinburne UT , DipArt (Adv) Swinburne UT, TTTC.  
McArdle, J., DipArt & Design(Photography) Prahran, DipEd Hawthorn, MFA Melb.  
Stuchbery, D., DipArt & Design(Ceramics) BCAE., BA BCAE, MA Monash, TSTC.  
Weston, B., BFA Tas., MFA Tas.

### Lecturers

Burgess, R., HDT SAC Melb., BA WIAE, GradDipFine Art (Painting) VCA.  
Conway, A.T., DipArts(Creative) DDIAE, BA La Trobe.  
Marshall, J., DipFA (Painting) SA Schl of Art, BA (Fine Art) Syd., MA Monash.  
McLennan, B., BA La Trobe, GradDipMed&Eng Hawthorn, GradDipInfoCommTechEd Hawthorn.  
Millowick, J., DipArt & Design(Photography) Prahran.  
Robinson, J., TSTC, DipArt RMIT, MA RMIT.  
Turpie, S., DipArt(Painting) VCA, GradDipFine Art VCA.

### Associate Lecturers

McCormick, J., Dip Art & Des Mild., BA BCAE, DipEd LUCNV.  
Morris, P., BA La Trobe.

**Department of Education***Associate Professors*

Prain, V.R., MA Monash, PhD Monash, DipEd Melb.

*Senior Lecturers*

Brockley, B.P., TPTC, BSc Melb., MEd Melb., PhD Texas, MEdAdmin UNE, MACE.

Payne, P.G., DipTeach SCV Geelong, MSc Oregon, CertEnvEthics, EdD Georgia.

Potts, A.P., BA UNE, MEd UNE, DipTertEd UNE, MACE.

Ward, M.G., BAgrSci Melb., DipEd Melb., BED Monash, MSc Wis.

*Lecturers*

Blanksby, D.C., TTTC Coburg, TSPTC Melb., BED La Trobe, PhD La Trobe.

Butler, P.M., BA Canb. Sch. of Music, DipEd La Trobe.

Collet, P., Dip Teach Deakin, BED Deakin, PhD La Trobe.

Crouch, G.C., DipPE Melb., TSTC, GDipPE(Disabled) SCV Bur BED, WA MEd WA.

de Courcy, M., BA Qld, DipEd Qld, GradDipAppLing Griffith, MPhil Griffith, PhD Griffith, A.Mus.A.

Dudley, A.G., BSc NE, DipEd NE, BED La Trobe, MEd Melb., PhD St Florida.

Farrelly, C.B., BED Victoria, MEd Wales.

Faulkner, M., TPTC Bendigo TC, BA Monash, BED Monash, MEd Melb, PhD Deakin, MAPsS.

Harris, J.F., BSc Melb., BED La Trobe, TSTC, GradDipSportsSc La Trobe, MACE.

Higgs, J.E., BA Monash, MAEd Dunelm, TPTC.

Lyons, L.G., BEc Monash, BED Monash, TPTC, GradDipInstructTech Concordia, MAEdTech Concordia, MACE, MACCE.

Nichol, R.M., BA Hons Monash, MA Monash, TPTC, MACE, FAAS.

O'Shannessy, J.M., BA La Trobe, BED Melb., DipEd La Trobe, PhD La Trobe.

Paterson, S.M., HDTSAC Melb., DipFineArt RMIT, MA La Trobe, MAIAE.

Rowe, G., DipTeach Ballarat, BED BCAE., MEd Melb.

Savage, W.L., LittB ANU, BA Dunelm, DipEd Newcastle on Tyne, MEd Toronto.

Sheed, J.M., BSc Syd., DipEd Syd., MA Macq.

Taylor, L.Y., DipTeach IECD, MA Calif, MAPsS.

Tobias, S.J., BA ANU, Dip Ed BCAE, MSSc Curtin.

Waldrup, B.L., BED Bris, BSc Canberra, MSc Curtin, PhD Curtin.

Woodcock, A., DipPhyEd Adel., BA Adel., MSc Kansas, PhD Arizona.

*Associate Lecturers*

Mayor Cox, S., DipTeach Melb., BED Melb., MEd La Trobe.

Edwards, D., DipTch Toorak SCV, BED La Trobe, GradDipSpecEd La Trobe, MEd La Trobe.

O'Brien, M.L., DipTeach Deakin, GradDipLitEd Deakin.

Stockdale, M., BED La Trobe, TPTC.

**Department of Outdoor Education and Nature Tourism***Senior Lecturers*

Brookes, A.R., BSc Melb., DipEd SCV Melb., BED Deakin, MEd Deakin.

*Lecturers*

Beringer, A., BSc Tubingen, MSc Michigan, MSc(OutEd/ EvioEd) Oregon, PhD Michigan.

Chenery, M.F., AB Harvard, MMgmt Wake Forest, PhD Nth Carolina.

Dingle, P., DipCivEng BCAE, GradDip(OutEd) BCAE, DipEd Hawthorn.

Lawrence, R., BSc Melb., PhD Melb.

Martin, P., BHumPerf Melb., DipEd, SCV Burwood, MSc Oregon.

Orford, G., DipPhysEd Melb., TBTC Melb., MSc Oregon, PhD Oregon.

Slattery, D., BA Melb., DipEd Melb., MEnvStud Melb.

Thomas, G.J., BHonsMouStud(Ed) UQ, MA (Out Ed) Griffith, GradCertMan UNE.

*Associate Lecturers*

Bellette, M., BA(OutEd) La Trobe.

Furphy, J., BArts Melb., GradDip(OutEd) La Trobe.

Lugg, A., BED Rusden, SCV Rusden, GradDipOutEd LUCNV, MEd La Trobe.

Robertson, P.L., BSc Monash, GradDipOutEd LUCNV.

Stewart, A.J., BA (OutEd) La Trobe, GradDipEnvSc Tas.

**GRADUATE STUDIES IN EDUCATION (ALBURY/WODONGA CAMPUS)***Director of Programs*

Ling, L.M., T.P.T.C, BA BED MEd PhD Deakin.

*Lecturers*

Keamy K., Dip Teach(prim) BApp Sci, GD SpEd, GDES, MA.

Botrell C., BED.

**GRADUATE STUDIES IN EDUCATION (BUNDOORA CAMPUS)***Associate Professor and Head of School*

Neville, B.W., BA Adel., MA Adel., PhD La Trobe.

*Professors*

Leder, G. BA Adel., DipEd Adel., MEd Monash, PhD Monash.

*Associate Professor*

Yates, L.S., BA Melb., DipEd Melb., MA Melb., MEd Brist., PhD La Trobe.

*Senior Lecturers*

Caulley, D.N., BSc Qld., BED Qld., PhD Ill.

Cross, R.T., BSc Lond., MPhil Lond., DipEd Adel., PhD Adel.

Grant, A.N., BA Melb., DipEd Melb., PhD Melb.

Knight, A.T., BSc Oregon, MA Oregon, MEd Oregon, PhD Oregon.

Lewis, R., BSc Monash, BED Monash, PhD Monash.

Ling, L., BA Deakin, MEd Deakin, PhD Deakin.

Nicholas, H.R., BA Monash, DipEd SCV Burwood, MA Monash, PhD Monash.

Travers, D.M., BA Melb., DipEd Oxf., BED Monash, MEd Monash, PhD Monash.

*Lecturers*

Burman, E., DipEd Vic Col., BED Vic Col., MEd La Trobe.

Holliday, L., BA Cape T., DipEd Cape T, MA Lond., PhD Penn.

Jones, A.J., TPTC DipMath Bendigo, BED Monash, MEd Monash, PhD Monash.

Simkin, K.A., BA Melb., DipEd Melb., BED Melb., MA Tor., PhD La Trobe.

Williams, A.B., BA Monash, DipEd Monash, BED La Trobe, MEd La Trobe.

Yates, L., BA Mane, PGCE Mane, DipTEO Mane, MA Lane.

*Associate Lecturers*

McCann, P., BA La Trobe, DipEd La Trobe, BED La Trobe, MEd La Trobe.

*Post Doctoral Research Fellow*

Brew, C.R., BSc Adel., BSc (Hons) Monash, DipEd Monash, PhD Monash.

Landvogt, J.E., BA(Hons) Melb., DipEd SCV, MEd St Monash, PhD Monash.

*Honorary Research Fellows*

Toomey, D.M., BA Manc., PGCE Leeds, MA Kent, PhD La Trobe.

Zatsepin, V., PhD Science Kiev, Ukraine, Professor of Philosophy Leningrad.

*Emeritus Professor*

Price, R.F., PhD Lond., MIBiol.

**Language Centre***Coordinator*

Lowry, D., DipTeach SA, GradDipAppLing NTU.

*Senior Lecturer*

Garner, M., BA Melb., DipEd Melb., MA Essex, PhD Melb.

*Lecturer*

Edwards, H., BA Monash, DipEd Monash, GradDipTESOL, SA, MEd La Trobe.

Michell, R., BA La Trobe, Cert. TEFLA Cambridge, Grad DipEd(Training) RMIT.

Soeradinata, B., BA Padjadjaran Bandung, DipEd Exeter.

*Associate Lecturer*

Marshall, B.S., BA Hons Melb.

**School of Management, Technology and Environment***Head of School*

Wehsack, G.E., BEc Monash, DipEd Monash, BCom(Hons) SA, MCom Deakin.

**Division of Accounting and Business Management***Level D Academic*

Johnston, R.F., BSc Glas, GDEC BCAE, GradDipMgt La Trobe, CEng, PhD Strath, FIM, FIE Aust.

*Senior Lecturers*

Culvenor, J.M., BBus BCAE, MAcc NE, CPA.

Griffiths, J.F., LLB Melb., BA Canberra, MEdAdmin Deakin.



## Officers and Staff

Pacher, J.A., BCom *Melb.*, DipEd *Monash*, FRMIT(Mgt), MSc *Bath.*, PhD *Bath*, AAIM, AFACHSE, MANZAM.  
Watson, A.J., BEc *Monash*, DipEd *Monash*, GradDipAcc *BCAE*, GradDipAppFin&Invest *SIA*, MEc *NE*, FCPA.  
Zhang, L.Z., BA *Huazhong*, MSc *Lond.*, PhD *Syd*.

### Lecturers

Alam, Q., BA(Hons) *Dhaka*, MA(Public Admin) *Dhaka*, MA (Econ) *Manchester*, PhD *Flinders*.  
Brockley, D.V., BBus *BCAE*, MAcc *NE*, CPA.  
Ellis, G.W., BBus *LUCNV*, CPA.  
Miles, C.L. BBus *Monash*, MBus *Charles Sturt*, AAIM, AHRI.  
Mollard, M., BA *Monash*, BEd *Monash*, MEd Admin *NE*, AAIM.  
Phillips, B., LLB *Melb.*, LLM *Melb.*  
Pinge, I.R., BA *Monash*, BEd *Monash*, MEd *Melb.*  
Reimers, D.J., BCom *Melb.*, TSTC.  
Rochford, F.M., BA *Melb.*, LLM *Melb.*  
Solecki, A.M., MEc *Cracow*, PhD *Cracow*, TPA.  
Stubblings, V.J., BBus *R.M.I.T.*, GradDipMark *Chisholm*.  
Taghian, M., BA *Washington*, GradDip Marketing *Monash*, MBus *Monash*.  
Thomson, G., BA *BCAE*, BBus *BCAE*, MBA *Deakin*, PhD *Melb.*, CPA.  
Verma, R.R., BA *Panjab*, MA *Panjab*, BEd *Panjab*, LLB *Panjab*, DipRussLang *Panjab*, DipEd *La Trobe*, MEd *La Trobe*.  
Wilde, J.C. BJuris *Monash*, LLB *Melb.*, LLM *Monash*.  
Yapa, P., BCom (Hons) *USJ*, PGDipDemo *Colombo*, MBA *Leuven*.

### Associate Lecturers

Breaden, J.A., LLB *Melb.*  
Cameron, S.M., BBus *BCAE*, CPA.  
Stirling, K.J., BBus *RMIT*, GradDipMgt *Deakin*, CPA.

## Division of Information Technology

### Level D Academic

Goddard, P.W., BSc(Hons) *SA*, MComp *Monash*, MEd *Tas.*, MACS  
MIEEE.

### Senior Lecturers

Cox, R.F., BSc *Qld*, GDEC *BCAE*, MSc *NE*, MACS.  
Horan, P., BA *Melb.*, MSc *Aston*, GDEC *BCAE*, MACS.  
Martin, M.B., DipAppSc(MedRad) *RMIT*, MAppSc *RMIT*,  
BAppSc(Comp) *BCAE*, GDEC *BCAE*, MACS.

### Lecturers

Choi, B., BSc (Hons) *Malaysia*, DipEd *Malaysia*, GradDipComp *La Trobe*, MAppSc(Inf Tech) *Swinburne UT*.  
Cope, C.J., BSc (Hons) *Melb.*, GradDipCommDataProc *FIT*, DipEd *MSC*, MEd *Tas*.  
Matthews, C.H., BSc(Hons) *Monash*, MComp *Monash*, DipEd *Monash*, GradDipComp *CIT*.  
McCullagh, J.A., MAppSc(InfTech) *Swinburne UT*, BAppSc *PIT*, DipEd *La Trobe*, GradDipComp *La Trobe*.  
McEwan, N.L., BAppSc(Comp) *Monash*, GradDipInfoTech *Monash*.  
Retallick, B.W., BSc *Melb.*, DipEd *SCV Melb.*, GradDipComp *BCAE*, MAppSc(InfTech) *Swinburne UT*, AIS.  
Rice, P.J., DipElEng *BIT*, BEng *Melb.*, MEng *VUT*, GradIEAust.  
Scott, P.T., BSc *La Trobe*, DipEd *BCAE*, MIEEE.  
Staehr, L., AssocDipChem *RMIT*, BAppSc *RMIT*, GradDipComp *BCAE*, TSTC, TTC, MAppSc *La Trobe*, MRACI, MACS.  
Sutherland, M.J., BSc *La Trobe*, GradDipComp *La Trobe*, AMIEEE.  
Whitfort, T.J., BAppSc (Comp) *BCAE*, GradDipAdvCompSc *La Trobe*, MComp *Monash*.

### Associate Lecturers

Soddell, F.B., BComp *BCAE*, BAppSc *La Trobe*.  
Somerville, P.C., BAppSc(Comp) *BCAE*, MComp *Monash*.

## Division of Mathematics

### Professor

Mills, T.M., BA(Hons) *Syd.*, MA *Syd.*, MA *Melb.*, PhD *Florida*, GCertComp.

### Senior Lecturers

Champion, R., BSc(Hons) *Monash*, DipEd *Monash* PhD *Monash*.  
Schutz, J.W., BE *Melb.*, BSc(Hons) *Melb.*, PhD *Monash*.  
Smith, S. J., BSc(Hons) *Tas.*, PhD *NE*.

### Lecturers

Byrne, G. J., BAppSc *BCAE*, MLitt *NE*.  
Lenard, C. T., BSc(Hons) *ANU*, PhD *ANU*.  
Milne, J.A., BSc *Adel.*, DipTeach *Adel.* *TC*.

## Division of Physical Science & Engineering

### Associate Professors

Johnson, B.B., BSc(Hons) *Adel.*, DipEd *Monash*, PhD *Flinders*, MRACI.  
Petrolioto, J., DipEng *RMIT*, BE *Qld*, PhD *NSW*, FIEAust, CPEng.

### Senior Lecturers

Brooks, P.R., BSc(Hons) *NSW*, PhD *NSW*, MRACI.  
Dyson, R.P., DipElecEng *BIT*, MEngSc *La Trobe*, MIEEE, MIEAust, CPEng.  
Lindrea, K.C., DipAppChem *BIT*, MChem *NSW*.  
Wells, J.D., BSc(Hons) *Adel.*, DipEd *Monash*, GradDipComp *La Trobe*, PhD *ANU*, FRACI, .

### Lecturers

Anderson, R., BMetE *Melb.*  
Glaisher, R., BAppSc *RMIT*, PhD *Melb.*  
Haysom, M., BEng *Monash*, MSc *Melb.*, MIEAust.  
Ionescu, D.M., DipEng *Wollongong*, BEng *Bucharest*, MEng *Bucharest*, MIEAust, CPEng, MGSA, MRTSA.  
Legge, K., BSc(Hons) *NE*, DipEd *NE*, PhD *NE*, MAIP, MAAS.  
Morton D.W., BSc(Hons) *Melb.*, PhD *Melb.*, MRACI.  
Rosengren, N.J., DipAppGeol *RMIT*, BCom *Melb.*, MA(Hons) *Melb.*, TSTC.  
Russell, J.V., DipCEng *Monash*, BEng *Melb.*, DipEd *Melb.*, PhD *Lond*, CPEng.

### Honorary Associates

Neil, J.V., BA *Melb.*, BEd *Melb.*, MSc. *Melb.*, MEd.Admin *NE*.  
Searle, P., BSc, DipEd *Melb*, MSc *Tas*, MAppSc *Curtin*, PhD *Monash*.

## Division of Biology

### Reader

Seviour, R.J., BSc(Hons) *Bath*, PhD *Bath*.

### Senior Lecturers

Boelen, M.K., BSc *Utrecht*, MSc *Utrecht*, PhD *ANU*, MANS.  
Burton, T.C., BA *Melb.*, BSc(Hons) *Melb.*, PhD *Adel*, TPTC, MAIBiol.

### Lecturers

Gibson, L.M., BSc(Hons) *La Trobe*, PhD *La Trobe*, MAPPS.  
Soddell, J. BSc *NSW*, GradDipComp *La Trobe*, PhD *La Trobe*, MASM.  
Swift, I.E., BSc(Hons) *Syd.*, BMedBiotech *CSU*, PhD *NSW*.  
Wilkens, S., BSc(Hons) *Syd.*, PhD *UTS*, MAIBiol.  
Verrinder, A., BSc(Hons) *UCL*, PhD *UCL*.

### Associate Lecturer

MacDonald, W.A., BAppSc(Hons) *La Trobe*.

### Emeritus Scholar

McDougall, B.M. MSc *Melb.*, PhD *ANU*.

### Honorary Associates

Ort, R. BSc *Melb.*, MEnvSc *Monash*, TSTC.  
Shield, J.M., BSc *Qld*, PhD *ANU*, DipEd *CanbCAE*.

## School of Health and Human Sciences

### Professor and Head of School

Humphreys, J., BA *Melb.*, DipEd *Melb.*, PhD *Monash*.

## Department of Public Health

### Senior Lecturers

Ellis, J.M., RN, RM, DipAppSc(NursEd.) *Lincoln IHS*, BAppSc (Adv Nur) *Phillip*, MNursStud *La Trobe*, FRCNA.  
Keleher, H.M., RN, BA *La Trobe*, MA *La Trobe*.  
Talbot, L.A., RN, GradDipHealthSc *LUCNV*, MHlthSc *La Trobe*, FRCNA.

### Lecturers

James, E. L., BAppSc(Human Movt) *Wollongong*, GradDipHlthSocSci (Hlth Prom) *Newcastle*, PhD *Newcastle*.  
Kippen, S.A., DipPhysio *Lincoln IHS*, BAppSc *Lincoln IHS*, BA *BCAE*, MA *La Trobe*.  
Main, D.J., RN, GradDipHlthSc *LUCNV*, MHlthSc *La Trobe*.  
Verrinder, G.K., RN, RM, GradDipHlthSc *LUCNV*, MHlthSc *La Trobe*.

## Department of Nursing

### Senior Lecturers

Fitzgerald, L.R., RN, CM, DipTeach(Nurs) *Armidale*, BEd *Deakin*, MNursStud *La Trobe*.  
O'Brien, K.G., RN, DipTeach(Nurs) *Armidale*, BEd *Armidale*, MN *Flinders*, MCN *NSW*, FRCNA.  
Siegloff, L., RN, DipTeach *SACAE*, BEd *SACAE*, MNAdmin *NSW*, FRCNA.

**Lecturers**

Aikman, H.M., RN, CM, High Dependency Nursing Cert, BN Deakin, MHLthSc La Trobe, MRCNA.  
 Callaghan, L., RN, Midwife, BAppSci (Adv Nsg) Phillip, NsgEd Phillip, MEdSt Monash.  
 Chambers, L.M., RN, BAppSc La Trobe, MNurStud La Trobe, MRCNA.  
 Croll, N.D., RPN, BTheol MCD, GradDipCommHlth Lincoln, GradDipHAdmin Lincoln, MHSc La Trobe, AFCHSE, CHE, MRNCA.  
 Crowther, A., MA, RPN, RN, CertEd (FE) RNT, MANZCHMN.  
 Francis, D.M., RN, CM, BA LUCNV, BHlthSc LCUNV, MRCNA.  
 Griffin, S.A., RN, DipTeach(Nurs) Armidale, BEd Armidale, MProfStud UNE, FRCNA.  
 Kendall, S.F., RN, GradDipHlthSc LUCNV, MHLthSc La Trobe, FRCNA.  
 Kenny, A.J. RN, RM, BN (PostReg) Deakin, GradDipMidwifery La Trobe, MN Deakin.  
 Kevin, J.W., RN, BA NSW, GradCertNeuroscience Deakin, MN Deakin.  
 Kinsman, L.D. RN, CCRN, BHlthSc LUCNV.  
 Riley, K.C., RN, BHlthSc La Trobe, GradDipWomen's Health Melb.  
 Sheean, F.M., RN, CM, IW Cert, DipNEd Armidale, BEd Deakin, MEdAdmin Deakin.

**Department of Social Work****Lecturers**

Cox, D., BSW La Trobe, WAIT.  
 Gardner, F., BA Melb., Dip Soc Stud Melb., MSc(SW) Bristol.  
 Phillips, G. BSW La Trobe, BEco Qld, DipMechElecEng Brisbane Tech.  
 Young, J., BSW Melb., Dip of Youth & Comm Work Phillip, MSW Melb.

**Department of Psychology****Senior Lecturer**

Jamieson, R.D., BSc UNE, MSc Aston, PhD Aston.

**Lecturers**

Francis, J., BMus Melb., BA Melb., GDACP Melb., PhD Melb., AssMAPS.  
 Galloway, G., BA Syd., PhD Syd., MAPS.  
 Godber, T.A., DipTeach Melb., BA Melb., BEd Melb., MEd (Psych) Melb., MAPS.  
 Jeavons, S., BA NSW, MPhil Edinburgh, PhD Melb., MAPS.  
 Ledwich, J.E. BA Monash, DipEd Monash, GradDipAppSc Ballarat, MAppSc(Psych) La Trobe.  
 Tunley, S., BA BCAE, DipEd BCAE, GradDip(BehavStudHlthCare) La Trobe, AssMAPS.

**Research centres**

*Director, Centre of Sustainable Regional Communities*  
 Vacant.

*Executive Officer, Centre of Sustainable Regional Communities*  
 Rogers, M., BEco UNE, MNatRes UNE, PhD C. Sturt.

*Director, Centre of Research for the Advancement of Rural Health*  
 Gibson, M., BSc La Trobe, PhD La Trobe, MAPPS.

*Director, The Centre for Rural Education*  
 Prain, V.R., DipEd Melb., MA Monash, PhD Monash.

*Director, Biotechnology Research Centre*  
 Lindrea, K., DipAppChem BIT, MChem NSW.

**Services**

*Associate Dean (International)*  
 Dunn, G.N., BEc Monash, BEd Monash, MEd Monash, TPTC.

*Head of Student Services*  
 Kirwan, C.W., BA Tas, BEd La Trobe, TSTC Rusden, DipClinHyp, MAPS.

*Equity Officer*  
 Kerrigan, S., BAppSc La Trobe.

*Warden, Halls of Residence*  
 Oldmeadow, H., BA ANU, DipEd Syd., MA Syd. PhD La Trobe.

*Warden, Robert Holmes Village*  
 Holmes, D.A., DipBusStud(Distn) BCAE, GradDipComp BCAE, MEd Tas., CA.

*Warden, The Terraces*  
 Keyte, J., BAppSc RMIT, GradDipEd Hawthorn, GradDipFoodTech UK, MBus La Trobe.

*Warden, The Units*  
 Barnes, M., BAppSc (Hons) La Trobe.

**Warden, Lister House**

McKerrow, J., BAppSc (Hons) La Trobe.

**Library****Chief Librarian**

Gow, G.E., BA Malaya, FALIA

**Deputy Librarian**

Paton, B.K., BSc Qld., ARMIT, AALIA

**Borchardt Library – Bundoora Campus****Associate Librarian (Information Resources)**

Maslen, J.R., BSc Monash., MBA Monash, ARMIT, AALIA

**Senior Librarians**

Chrisfield, E.J., BA Deakin, GradDipLib RMIT, AALIA

Griffiths, R., BA Melb., ARMIT, AALIA

Hoffmann, H.K., BA(Hons) Melb., AALIA

Hyslop, M.J., BA Melb., AALIA

Longley, P.R., BA Tas., AALIA

Marshall, J.G., BA(Hons) Tas., AALIA

Smith, I.W., MA Melb., BA(Lib) CCAE, AALIA

**Librarians (Level B)**

Beranek L., BA LaTrobe, GradDipLib Melb

Concha, S., BA Chile

Fisch, E., BA Queens College, City University of New York,

GradDipLib RMIT, AALIA

Forbes, V., BA University of California at Berkeley, GradDipEd

University of California at Berkeley, GradDipLib RMIT,

GradDipGerman Melb

Grandfield, S., BSc Melb., GradDipInfServ RMIT, AALIA

Ivankovic, H., BA FIT., GradDipLib Melb, GradDipEd Melb. AALIA

Maher, C., BA Adel, DipEd Adel., GradDipLib CCAE, AALIA

McClellan, D., BA LaTrobe, AALIA

Saunders, J., BA Nfld., Canada, GradDipEd Ottawa Teachers

College, Canada, GradDipLib Qld. UT, AALIA

Smith, M., BA Chisholm, GradDipLib MCAE

Sullivan, K., DipLib RMIT, GradDipManSys SIT

Valenta, K., BA Qld, GradDipA(Lib&InfoSc) C.Sturt, AALIA

Wanklyn, M., BA LaTrobe, ARMIT

Warren, D.A., BA N.E., GradDipLib RMIHE, DipEd Newcastle (NSW), GradDipApplSci(Comp) C.Sturt

**Librarians (Level A)**

Bates, A.M., BA LaTrobe, GradDipInfStud MCAE,

Butler, G., BSocSciLib&Inf.Serv RMIT, GradDipSoc LaTrobe, AALIA

Chapman, L., BA, Monash, GradDipLibInfServ RMIT, TSTC, AALIA

Over, J.P., BA(Hons) Belf., DipLib NSW

Porter, S., BSocSci(Lib) RMIT, AALIA

Raiti, G., BA (Lib) Ballarat, GradDipMediaStudies Rusden

Roberts, K., BA LaTrobe., GradDipInfServ RMIT

Sackers, N., BEd MCAE, GradDipOffSys RMIT, MBIT RMIT

Sayers, R., BA Qld, BA(Hons) J Cook, GradDipLibSci QldUT,

AALIA, AIMM

Thomson, J., BA Melb., GradDipLib RMIT

Wakefield, C., BA London School of Economics, ALA UK., AALIA

**Heyward Library – Bendigo Campus****Associate Librarian**

King, H.M., MSc Qld, MBA Qld, GradDipLibSc Queensland Institute of Technology, AALIA

**Senior Librarian**

Dazkiw, J., BA(Lib) RMIHE, GradDip (Ed.T) UCS Qld AALIA

**Librarians (Level B)**

Beagley, D., BA(Hons) Monash, DipEd Monash, BEd(Lib) GIAE, MEd LaTrobe

Forsyth, B., BA La Trobe, ARMIT, AALIA

Thompson, P., DipLib BCAE, GradDipComp LaTrobe UCNV

**Librarians (Level A)**

Bolitho, C., BSc Melb, BA(Lib) Ballarat, AALIA

Stokes, J., BA (Lib&InfoSc) C.Sturt, LibTechCert Box Hill, AALIA

Todd, L., BA Deakin., GradDipLib Ballarat, GradDipEd LaTrobe UCNV

**Library - Albury/Wodonga Campus****Campus Librarian (Level B)**

Pettit, P., MA Oxf., GradDipLib RMIT, GradDipEd (Tert) Hawthorn, AALIA

**Librarian (Level A)**

Sheridan, L., BA LaTrobe, DipEd LaTrobe, GradDipLib C.Sturt, AALIA

## Officers and Staff

### Library – Shepparton Campus

#### Librarian (Level A)

Perkins, I., BA Monash, DipEd, Monash, BEd (Sch Lib) GIAE

### Academic Development Unit

#### Director and Professor

Prosser, M., BSc Tas., DipEd Tas., BEd WAust., MAppSc WAIT, PhD Syd.

#### Senior Lecturer

Martens, E., BA Adel., PhD Adel.

#### Lecturers

McShane, K., BA Tas., BEd La Trobe, MA La Trobe.

Wilson, E., BA Monash, GradDipEd Curtin, GradCertEd Qld, MPET Deakin.

#### Associate Lecturers

Pitkethly, A., BA Monash, BEd La Trobe, MEd La Trobe.

### VICE-CHANCELLOR'S OFFICE

#### University Secretary

Bishop, D.F., BA Melb.

#### Director (Personnel)

Richardson, P.D., BEc La Trobe.

#### Director (Planning) and Assistant to the Vice-Chancellor

Gallagher, R.M.

#### Executive Officer (Vice-Chancellor)

Carey, E.A., BA Melb.

#### Executive Officer (Academic Support Projects)

Jackson, J.P., BA La Trobe.

### UNIVERSITY SECRETARY'S OFFICE

#### Manager, Facilities and Services

Berriman, W.C., BBus (BusAdmin) RMIT.

#### Manager, Academic Services

Gravier, A.D., BAgSc Melb., MAgrSc Melb., DipCompSci La Trobe.

#### Executive Officer, Secretariat

Bryan, J.H. BA JD Georgetown.

#### Manager, University Development Unit

Mackay, N.J.

#### Manager, Commercial Facilities

McCarthy, M., BA Deakin.

#### Manager, Corporate Affairs and Legal Services

O'Leary, M.A., DipBusStud CIT, ASA CPA.

#### Manager, Buildings and Grounds.

Stephenson, D.A., BArch Melb., GradDipLandsDesign RMIT

#### Chief Accountant

Willersdorf, J., DipBusAdmin PII, FCPA.

#### Executive Officer, University Secretary

Whittingham, P.

### Research and Graduate Studies Office

#### Manager

Obenchain, M., MA Illinois.

#### Co-ordinator, Scholarships and Candidature

Cocks, C., BA La Trobe.

#### Grants Administrator

Somerville, J.

#### Contracts and Intellectual Property Officer

Janssen, P., PhD Monash.

#### Research Information Systems Officer

Cook, D., BA Monash, MBA La Trobe.

#### Administrative Officer (Research)

Wright, C., BSc(Hons) Monash, MSc Monash, PhD Melb.

### International Programs Office

#### Director

Stockley, D.M., BA Adel., DipT Adel, PhD NSW.

#### Director (Marketing)

Connelly, S., BA Monash, MA (European Studies) Monash, DipEd Monash, PGDip (Management Studies) Melb.

#### Manager (Projects & Student Services)

Lyell, L.J., BA La Trobe, GradDipHum La Trobe.

#### China Projects Manager

Bartlett, T.C., BA Harvard, MA Taiwan, PhD Princeton.

#### Accountant

Griffiths, R.G., BBus (Acc) Swinburne UT., CPA.

#### International Admissions Officer

Ruddell, D.E.

#### International Student Advisor

Vella, S., CertWelfare Inst.SocialWelfare, JP.

#### Education Abroad Marketing Coordinator

Hill, E., BA RMIT, GradDip (Off Sys) RMIT, GradDip Deakin.

### Language Centre

#### Head

Meister, G.F., MA Well., DipTeach Auck, MAICD.

#### Program Manager

Rao, U.R.A., MA La Trobe, MEd La Trobe.

#### Academic Coordinator

Puleston, M., MA (Applied Linguistics) La Trobe, MEd La Trobe.

#### Coordinators

#### Migrant Programs

Wright-Neville, C., BA La Trobe, DipEd La Trobe.

#### Language and Academic Skills (ESL) Unit.

East, J., BA La Trobe, DipEd La Trobe, RSA Cert.

Lynch, J., BA Melb., DipEd Monash, BEd La Trobe, MEd La Trobe.

### Residential Colleges, Bundoora campus

#### Pro Vice-Chancellor (Colleges)

Stockley, D.M., BA Adel., DipT Adel, PhD NSW.

#### Chisholm College

#### Head

Collits, T., BA Newcastle (NSW), DipEd Newcastle (NSW), BA Syd., MA Syd.

#### Bursar

Lees, J.L.

#### Glenn College

#### Acting Head

Stockley, D.M., BA Adel., DipT Adel, PhD NSW.

#### Bursar

Martin, F.R., BEc La Trobe, DipEd Monash.

#### Menzies College

#### Acting Head

Liesegang, J., BSc Qld, DPhil Oxf., FAIP.

### UNIVERSITY GENERAL SERVICES, BUNDOORA CAMPUS

#### Aboriginal Liaison Officer

Andrews, J.J., BA La Trobe.

#### General Manager, Bookshop

Woodward, D., BA Monash, DipEd Monash.

#### Director, Course and Careers Services

Gorman, J., BA Melb., GradDip Vocational Counselling RMIT, MEd La Trobe, MAPS.

#### Director, Children's Centre

Reynolds, J.

#### Director, Counselling Service

Barlow, J., BBS La Trobe, BEd (Counselling) La Trobe, MA La Trobe, MVAFT, MAPsS.

#### Equity and Access Unit

#### Pro Vice-Chancellor (Equity and Access)

Ferguson, K., BAppSc(OT), MEd(Counselling) La Trobe, EdD La Trobe, MVAFT.

#### Manager

Weimann, D.

#### Disability Adviser

Smaile, J., DipTech(EC) IECD, GradDipSpecEd MCAE, MEdStud Monash.

#### Deaf Academic Services Coordinator

Papworth, L.C., GradDip(Interpreting) La Trobe.

**Director, Health Services**

Rana, C., MBBS All India Instit. of Med. Sc., BEd La Trobe.

**Director, Information Technology Services**

Edwards, J.A., BA(Hons) Keele, GradDipEdAdmin RMIT, MACS, MACM.

**Manager, Insurance Office**

Blight, B., MBA Deakin, FAII, FCII, ARM.

**Researcher, La Trobe University Postgraduate Association (LUPA)**

Belfrage, J., BA Monash, DipEd La Trobe, MA La Trobe.

**Solicitor to the University**

Sdraulig, G., BEcon, LLB Monash.

**General Manager, Sports and Recreation Association**

McKechnie, H.L., BEng (Civil) Swinburne UT, GradDipBus (Accounting) Prahran.

**Head of Student Accommodation and Financial Services**

Horbury, P.M., BA Swinburne UT, GradDipHumServAdm Monash, GradDip Student Welfare Melb.

**Ombudsman**

Richter, K.D., BCom Melb., FCPA.

**Students' Representative Council Inc****Accountant**

Jackson, R.S., DipCom RMIT, ASA.

**Administrative Officer**

Lovegrove, M.

**SRC Solicitor**

Walsh, D., BA Melb., LLB Melb.

**Second-hand Bookshop Manager**

Collman, R.

**Education and Welfare Research Officer**

Sparrow, J.

**Women's Research Officer**

Nolan, K.

**SRC Dental Clinic.**

Flanagan, P.T., BDSc Qld.

**Class Delegates Officer**

Deller, W.

**Union****General Manager**

Tomey, M.R., BA La Trobe, CPA.

**Business Manager**

Coates, K.C. BEc La Trobe.

**ALBURY/WODONGA CAMPUS****Pro Vice-Chancellor's Office****Pro Vice-Chancellor**

Keating, T. P., BA (Hons), BSW, MSW Melb, PhD La Trobe.

**Executive Officer (Pro Vice-Chancellor)**

Koh, I., BBus(IR) CSturt.

**Resources Officer**

Buckle, D., BBus(Acc) Deakin ASCPA.

**Manager - Information technology Services**

Colebourn, M.D., CertMet Woll., GradDipIT(InfoSys) CSturt., MACS PCP.

**Academic Skills Unit****Co-ordinator/Lecturer**

Bennett, B., BBSc DipEd GradDipStudentWelfare Melb., MEd La Trobe.

**Campus Library****Campus Librarian**

Petit, P., MA Oxf, GDipLib RMIT, GDipEd (Tert) Hawthorn, AALIA.

**Librarian**

Sheridan, L., BA La Trobe, DipEd La Trobe, GradDipLib CSturt.

**Faculty of Law and Management****School of Business****Head**

Lamb, P., BEc Monash, GDipBusAdmin Swinburne, MBus USQ.

**Senior Lecturer**

Herath, G., BSc Ceyl. MSgDecEc ANU, PhD N.E.

**Lecturers**

Cruse, L., BEc DipEd N.E., MEc UNE.

Dwyer, A., BA LLB Melb GradDip EnvMgt La Trobe.

Kelly, R., BComm Melb, MPP Deakin, Dip Ed Melb.

McGrath, D., BEc ANU, MComm La Trobe.

O'Keefe, S., BEd Melb.

O'Reilly, L., FCA.

Patulloch, E., BSc(Ed) Melb., BEd Monash, GDipComp La Trobe, M InfoTech Swinburne, MACS, CNA.

**School of Tourism and Hospitality Albury/Wodonga campus****Head**

Jackson, J., MEc, PhD DipEd Monash, DipEcStat N.E.

**Lecturers**

Fitz, E., MHM Griffith Grad DipEdAdmin Hawthorn, DipAppSc RMIT, CertEd.Hawthorn, AIMM.

Millar, B., BEd Melb, Dip Teach Melb MHM Griffith, M HCIMA, ACF, CCIA NSW.

Ritchie, M., BBus (TourismMgt), C.Sturt.

Wehner, M., Dip Arts C.Sturt, BBus (HospMgt), MEd La Trobe.

**Faculty of Science, Technology and Engineering****Department of Environmental Management and Ecology****Head/Reader**

Hill, I.O., BSc PhD DSc Lond., GdipEnvMgt La Trobe, FRACI FRSC FSNIC.

**Reader**

Croome, R.L., BSc PhD Tas.

**Senior Lecturers**

Thomas, P.R., BSc Eng Ceylon PhD Wales, MIE Aust. CP Eng, MCTWEM.

Lawler, S.H., BA Grinnell Iowa, PhD Wash, St Louis.

**Lecturers**

Black, D.G., BSc STC UC Davis, MSc Monash, PhD UC Davis.

Fussell, M.S., BSc, DipEd Newcastle.

Meathrel, C.E., BSc West Ont, MSc Lakehead, PhD Murdoch.

Suter, P.J., BSc Tas, PhD Adel.

Taylor, P.A., BA (Hons), Dip Ed, MA Camb.

**Research Fellow**

Hötzel, G., MSc Berlin.

**Psychology Section****Head**

Boxall, D., BBSc(Hons) La Trobe.

**Lecturer**

Foo, H., BSc(Psych)(Hons), PhD UNSW.

Wilson, P., BAppSc (PE) PIT, BBSc(Hons) La Trobe, PhD La Trobe.

**Associate Lecturers**

Maybery, D., BA Deakin, BSc(Hons) Deakin.

**Faculty of Health Sciences****School of Nursing****Head and Professor of Gerontic Nursing**

Nay, R., BA, Mlit N.E., PhD NSW, RN, FRCNA, FCN (NSW).

**Deputy Head**

Wilson, M., BappSc (Adv Nurs) La Trobe, MEdSt Monash, PhD Monash, RN.

**Head, Nursing (Albury/Wodonga)**

Barber, J., BA Hons MPP Deakin, DNE RN RM RPN.

**Senior Lecturer**

Carrasco, E., BSc Manit, MEd La Trobe, DNE Armidale, RN Winn.

**Lecturers**

McLaughlin, Y., BA Macq., GradDip NursStud Arm CAE, MEd CSturt, RN.

Mackey, S., BN (Hons) La Trobe, BN N.E., RN.

van der Riet, P., DipEd (Nurs) BA MEd N.E., DipRemMass, RN ICU/CCU Cert.

**Associate Lecturers**

Black, J., BN, RN.

Thwaites, C., Grad Dip Adv Nurs, Crit Care Cert, RN.

**Sociology****Lecturer**

Clark, E., BA RCAE, MLitt N.E., MSocSci. CSturt.

Officers and Staff

Bioscience

Lecturer  
Mishra, C., MSc Utkal, PhD Samb.

Rural Health and Human Services Unit

Head  
Threlkeld, G., BA (Hons), PhD Melb.

Lecturers  
Gibbs, J., BA Cert SW Middlesex, DipAdvSW London.  
Hazeleger, T., BA, BSW(Hons) Monash, MappSc (Social Ecology) UWS.  
Mortlock, S.R., BA RMIHE GDip Early Childhood Melb.  
Hodgkin, S., BSW Melb.  
Mansel lees, V., BSW James Cook, MSW Uni NSW, GDipAEd Uni Tech Syd.

Humanities and Social Sciences

Head.  
Furze, B., BA RMIHE, M.Lit. N.E.

Lecturers  
Martin, B., BA Dip Ed La Trobe, AdvCert in AppLang (Indonesian) RMIT.  
Savy, P., GDip(Geront) La Trobe, RN RPN BAdmin (Nurs) N.E.  
Siahpush, M., BS USU, MS U Utah, PhD OSU Ohio.  
Walker-Birckhead, W., BA Alta, MA, PhD ANU.  
Pulford, D., BEd, BA Tas, M. Litt UNE.

BEECHWORTH CAMPUS

Director, Campus Programs and Development  
Burke, G. L., BEc La Trobe, MBus (Marketing) C.Sturt.

MILDURA CAMPUS

Manager  
Broadhead, R., BEc La Trobe, DipEd La Trobe, BEd La Trobe, GradDipEdAdmin Hawthorn.

Lecturers  
Jobe, M., BA Monash, BSW Melb., MAASW.  
Neal, D., MEd Deakin, BEd GCAE, DipT(Prim) Ballarat.  
Ryan, S., MEd Deakin, BEd Melb., BA Melb.  
Seward, J., GradDipEd Curtin, B.Bus. Churchlands, CPA, CD.

MOUNT BULLER CAMPUS

Campus Director  
Ruzzene, D., DipTT Hawthorn Institute, GradDipEdTech Victoria Coll., BEd La Trobe, MEd La Trobe.

Marketing Manager  
Magee, W., BCom Melb, TPTC.

SHEPPARTON CAMPUS

Director of Studies  
Graetz, B.R., BA(Hons) ANU, PhD ANU.

Manager  
Lambert, H.M., GradDipEdAdmin Hawthorn.

Student Services Manager  
Jones, D.A., BA (Hons), Monash, TPTC Bendigo, MEd Monash, GradDipPsych, CSU, GradDipCouns CSU, GradCertHSM UNSW.

Librarian  
Perkins, I., BA Monash, DipEd Monash, BEd(Sch.Lib) GIAE.

School of Business

Lecturers  
Nalder, S., DipBusAcc Bendigo CAE, DipEd Hawthorn.  
Nsubuga-Kyobe, A., UDA UCC, Uganda, GradCertSocialResearch Methods Swinburne UT, GradDipPersonnel&Industrial Relations RMIT, PhD La Trobe.  
Singh, G., BCom(Hons) Ballarat, GradDipBusAdmin Ballarat, GradDipAccFin VictoriaUT, MBusAcc RMIT .

School of Management, Technology and Environment

Lecturer  
Rochford, F.M., BA Melb., LLM Melb.

School of Nursing

Lecturer  
Hanna, E.G., RCCN, RN, BA La Trobe, MPH Sydney, FRCNA.

School of Tourism and Hospitality

Lecturer  
Beeton, S., GradDipTourism Monash, MA (Tourism) Monash.

# FACULTY OF HEALTH SCIENCES

**Inquiries:** level 2, Health Sciences 1 Building, Bundoora campus  
**Tel:** (03) 9479 3583  
**email:** [lhs@latrobe.edu.au](mailto:lhs@latrobe.edu.au)  
**www:** [www.health.latrobe.edu.com](http://www.health.latrobe.edu.com)

The Faculty of Health Sciences caters for a wide range of interests in the education of health professionals by offering undergraduate degrees and a post-registration nursing degree, as well as specialist and interdisciplinary postgraduate diplomas and Masters degree's by coursework. The Faculty also provides opportunity for research at both a masters and doctoral level. Students from other faculties of the University may apply to enrol in some individual health sciences subjects. Students should contact the relevant School for details. The Faculty offers some courses at the Albury/Wodonga, Bendigo, Bundoora, City, Mildura and Shepparton campuses.

The Faculty has several externally funded centres and institutes. They are the Australian Institute for Primary Care (incorporating the Lincoln Gerontology Centre), the Centre for the Study of Mothers' and Children's Health, the Australian Research Centre in Sex, Health and Society (formerly the Centre for the Study of Sexually Transmissible Diseases), the National Institute for Deaf Studies and Sign language Research and The Bouverie Centre - Victoria's Family Institute, which provides family therapy clinical services and offers postgraduate programs in family therapy.

## Requirements for admission to undergraduate courses

Information about the VCE prerequisite subjects and other admission requirements is available from the University's Office for Prospective Students or from the Faculty or School offices.

## Course regulations

All courses offered by the Faculty are governed by a University regulation which specifies the entrance and other requirements of the course. These are supplemented by information contained in this Handbook and by other Faculty and School policies.

Each course also has its own rules of progression and most Schools produce specific procedures which operate under the authority of the University regulations and Faculty guidelines. Details of assessment in each subject are available on School notice boards from the beginning of the academic year.

A student in a full-time professional course is normally required to pass all subjects of one year level before proceeding to the next year, or achieve such a standard as to be awarded a pass in the year as a whole. A conceded pass in a subject which is not a prerequisite for studies in the following year will normally entitle a student to proceed to the next year, provided that all other subjects are passed. A conceded pass is not normally awarded in a prerequisite subject. For further information, consult the relevant School or Faculty office.

## Health procedures

It is suggested that students undergo a medical examination with a view to preventing or detecting disease.

To further reduce health risks, it is recommended that:

- Tuberculin testing should be undertaken prior to attending hospital clinics, with follow-ups as necessary;
- All students be immunised against hepatitis B.
- All students be immunised against rubella, measles and mumps.
- All students be up-to-date in their immunisation against poliomyelitis, diphtheria and tetanus.

Students infected with an infectious condition such as HIV or HBV should take every reasonable precaution to ensure that no other person is placed at risk of infection, as advised by their treating doctor. Some courses have clinical activities or practical classes which require a certain level of physical capacity in order to complete the stage of the course. If students have any concerns about their physical capacity to undertake particular activities, which are an inherent requirement of the course, they should contact the relevant School prior to enrolment.

## Emergency first aid training

It is recommended that students undertake a course in emergency first aid during their course. Some Schools may have their own requirements.

## Uniforms and class materials

Some courses require a prescribed uniform for hospital and clinical activities. Details are provided by the relevant course coordinator or administrative officer.

Schools may charge students for expendable materials supplied where the materials are consumed by students to their direct personal benefit or where students may wish to have continuing possession of the materials concerned. Students may be charged deposits for non-consumable items issued for temporary use. Schools may recover the cost of lecture notes and other printed material issued to students, provided that no student is compelled to acquire such notes or materials.

## Police security clearance procedures

Most courses require students to undertake clinical or fieldwork placements. As students are likely to come into contact with vulnerable people, a police security clearance is required for most clinical placements. The cost of obtaining a police security check is payable by the student directly to the police and in 1999 was \$12. The certificate is valid only for the current year and for courses where a clinical or fieldwork placement is required each year, students will be expected to obtain a new police security clearance each year. Any questions or concerns relating to these checks should be directed to the relevant School office.

## Organisation of the Faculty

### School of Human Biosciences

**Inquiries:** (03) 9479 5787

Incorporates the Department of Human Physiology and Anatomy, the Department of Podiatry and the National Centre for Prosthetics and Orthotics. For further information on any of the School's activities contact the Inquiries Officer.

### School of Human Communication Sciences

**Inquiries:** (03) 9479 1940

The School is the only provider of speech pathology educational programs in Victoria and incorporates the National Institute for Deaf Studies and Sign Language Research, which offers subjects in AUSLAN (Australian Sign Language) and Deaf Studies. For further information relating to the School of Human Communication Sciences contact the School Administration Manager and Selection Officer or the Clinical Education and Student Administration Officer. For information on AUSLAN please contact the National Institute for Deaf Studies office on (03) 9479 2283.

### School of Nursing

**Inquiries:** (03) 9479 5950

Based at the Bundoora campus, the School also has offices at the Royal Women's Hospital, the Alfred Hospital and North West Hospital. It offers courses for entry into professional nursing practice and a range of courses for registered nurses. The School also offers courses at Albury/Wodonga. For further information, contact the School.

### School of Occupational Therapy

**Inquiries:** (03) 9479 5732

The School of Occupational Therapy is the only provider of occupational therapy educational programs in Victoria, and is located on the Bundoora campus. The School offers quality undergraduate and postgraduate courses, as well as undertaking research and community service activities in related fields. Occupational therapy addresses people's occupational needs and the loss of daily living skills which follow physical, emotional, psychological and social disorders. Occupational therapists assist individuals to move from dependence to independence, maximising personal productivity, well-being and quality of life. For further information, contact the Student Services Office.

### School of Orthoptics

**Inquiries:** (03) 9479 1920

The School offers programs for orthoptists who work as part of eye health care and rehabilitation teams in the diagnosis and management of disorders of the eye and visual system. Located on the Bundoora campus. For further information, contact the School.

School of Physiotherapy

Inquiries: (03) 9479 5766

Located on the Bundoora campus, the School is the major tertiary education program for physiotherapy qualifications in Victoria. For further information, contact the School.

School of Public Health

Inquiries: (03) 9479 1750

Located on the Bundoora campus, the School provides multi-disciplinary education, research, consultancy and community service in the field of public health and offers undergraduate degrees in Health Information Management, Health Sciences and Social Work. Social Work is also offered at the Albury/Wodonga and Bendigo campuses. The School offers double degree programs in Bachelor of Health Sciences/Bachelor of Commerce and Bachelor of Health Sciences/Bachelor of Economics, and teaches into the Bachelor of Arts/Bachelor of Health Sciences and the Bachelor of Nursing/Bachelor of Public Health. For further information on courses, contact the School.

Courses offered by the Faculty

Flexible teaching arrangements

Some subjects offered by the Faculty are taught in ways that are different from the normal face-to-face or regular weekly classes. In order to accommodate student needs, some subjects are taught in block mode (ie., intensive weekend or week-long classes, sometimes taught outside of the normal semester dates), via distance education and via web-based teaching. Please refer to subject descriptions for those subjects that are offered by flexible teaching arrangements.

BACHELOR OF ARTS WITH A SEQUENCE IN DEAF STUDIES - BUNDOORA

For details on the Bachelor of Arts course structure see the entry in the Faculty of Humanities and Social Sciences section of this Handbook.

Inquiries: National Institute for Deaf Studies and Sign Language Research (03) 9479 2283.

Australian sign language (AUSLAN) is the native language of Australia's deaf community. The subjects in AUSLAN emphasise learning the language in its social and cultural context. Classes are mainly conducted in AUSLAN. Students with no prior knowledge of the language, as well as those with previous experience, are welcome. The subjects offered are taught by staff from the National Institute for Deaf Studies and Sign Language Research and Teaching, who are engaged in a wide range of research in the area.

Course structure

All subjects are sequentially based and offered subject to the availability of appropriate staffing and minimum enrolments.

First year

Sem.		Subject code	Credit points
1	Academic English for Deaf Students	HC1DEI	15
1	AUSLAN 1-1	HC1AN1	15
2	AUSLAN 1-2	HC1AN2	15

Second year

1	AUSLAN 2-1	HC2AN1	20
2	AUSLAN 2-2	HC2AN2	20

Third year

1	AUSLAN 3-1	HC3AN1	20
2	AUSLAN 3-2	HC3AN2	20

BACHELOR OF ARTS WITH A MAJOR IN HUMAN SERVICES - ALBURY/ WODONGA

For details on the course structure see the entry in the Faculty of Humanities and Social Sciences section of this Handbook.

BACHELOR OF ARTS/BACHELOR OF HEALTH SCIENCES - BUNDOORA

Inquiries: (03) 9479 2023

This course allows students to pursue their areas of interest in both health sciences and arts. The honours year in this program may be undertaken in either the Faculty of Health Sciences or the Faculty of Humanities and Social Sciences.

For details on the course structure see the entry in the Faculty of Humanities and Social Sciences section of this Handbook.

BACHELOR OF HEALTH INFORMATION MANAGEMENT - BUNDOORA

Inquiries: (03) 9479 2558

Duration: Three years full time. Part time available.

This course equips graduates for an excellent range of career opportunities in the health care field. Health information managers may work in managerial positions, running the Health Information Service for a hospital or other health service, or in general administration positions. Alternatively, they may choose to work in areas which require highly specialised skills, including: the management of databases of disease and other health information for health screening programs or disease registries; coding of diseases and operations; analysis of a hospital's casemix, ie. the types and costs of cases treated; managing systems to ensure patients receive the highest quality of care; running the health computing systems; or undertaking disease-related research using health information.

Degree requirements

The pass degree is normally offered on a three-year, full-time basis. Part-time study is available.

Admission to the honours program, which involves a fourth year of study, is dependent upon the standard of the academic work completed in the third year.

Course structure

The course includes a range of core subjects in the three broad areas of: (i) health/medical; (ii) health statistics, computing and research; and (iii) management of health information systems and health care organisations, and of the quality of health care. Students also study two elective subjects. They participate in Professional Studies, which involves fieldwork activities in health care facilities and services.

First year

Sem.		Subject code	Credit points
1	Australia's Health: health status and the health care system	PH1AH1	5
1	Health and Human Behaviour	PH1HB1	10
1	Health Information Science	HM1HI1	20
1	Health Terminology	HM1HT1	20
1	Introduction to Human Function	HB11HFU	5
2	Health and Australian Society	PH1HAS	5
2	Health Terminology and Classification	HM1HC2	15
2	Human Body Function	HB12HBF	10
2	Management of Health Information Systems	HM1MS2	15
2	Professional Studies	HM1PS2	10
2	Research Methods in Health 1	PH1RMH	5

Second year

1	General Pathology	HB21PAG	5
1	Health Classification	HM2HC3	10
1	Health Informatics	HM2IH3	10
1	Health Information Research	PH2HIR	5
1	Health Information Science	HM2HI3	10
1	Professional Studies	HM2PS3	15
2	Health Classification	HM2HC4	5
2	Health Services Law and Ethics	HM2LE4	10
2	Introduction to Organisational Behaviour	HM2IOB	5
2	Management of Health Information Systems	HM2MS4	15
2	Pharmacology	HB22PHA	5
2	Professional Studies	HM2PS4	20
2	Systemic Pathology (Medical Science)	HB22PAS	5

Third year

1	Health Classification	HM3HC5	5
1	Health Informatics	HM3IH5	5
1	Management of Health Information Systems	HM3MS5	15
1	Professional Studies	HM3PS5	25
1	Quality Management in Health Care Elective(s)	HM3QH5	10
2	Epidemiology and Health Databases	HM3ED6	20
2	Health Classification	HM3HC6	5
2	Health Informatics	HM3IH6	10
2	Management of Health Information Systems	HM3MS6	10
2	Professional Studies	HM3PS6	5



**Fourth year (Honours)**

1/2 Electives	45
Thesis	75
PH4THE	

**Professional recognition**

Graduates may apply for full membership of the Health Information Management Association of Australia.

**Honours**

A fourth year of study at honours level provides students who have appropriate academic ability with the opportunity to continue their studies at a higher level and to develop their theoretical knowledge and research skills.

Honours requires a 10,000 to 12,000 word (75 credit points) research report on an approved topic, and approved course-work (45 credit points total) whereby students also enrol in three course-work subjects. Entry is by invitation, based on the academic achievement of students in the third year.

Students are able to tailor their honours year to suit their individual needs and interests. Each student's program must be approved by the course coordinator before enrolment.

**Bachelor of Health Sciences**

**Inquiries:** (03) 9479 2558

**Duration:** Three years full time. Part time available.

In this course students develop a broad understanding of the health sciences field, together with specialist knowledge in a particular field. Studies are undertaken in one or more key areas which contribute to the health sciences, including disability and rehabilitation, health administration, health promotion, human physiology and anatomy, orientation and mobility.

The degree may be awarded as a pass degree, a double degree with the Bachelor of Arts (see the Faculty of Humanities and Social Sciences chapter), Bachelor of Commerce or Bachelor of Economics, or as a degree with honours. To enter the honours year, a student must normally have completed the requirements for the pass degree and have achieved academic results of a high standard.

Graduates may apply to continue their studies at a postgraduate level in areas such as community health, ergonomics, gerontology, health administration, health promotion, human biosciences, public health, rehabilitation and teaching.

**Degree requirements**

The pass degree is designed to be completed in three years of full-time study or an equivalent period of part-time study. To qualify for the pass degree a student must complete subjects to the value of 360 credit points. While a sequence of study in a subject area is recommended (see Programs of study below), an approved combination of subjects may also be undertaken.

Students may enrol in up to 130 credit points per year without special permission from the Course Manager.

**Course structure**

In the first year of the course students are required to complete the six core subjects described below, plus subjects at least to the value of 30 credit points from any faculty of the University. Prerequisites must be satisfied. Students choose from one of five specialist streams of study once they commence the second year of the course.

These streams are:

- Disability and Rehabilitation;
- Health Administration;
- Health Promotion;
- Human Physiology and Anatomy;
- Orientation and Mobility

Students must discuss their subject selection with a course adviser before enrolment. Within the degree requirements, subject selection is limited only by timetable clashes, prerequisites, co-requisites, quotas and subject incompatibility. With the approval of the course coordinator, students may undertake in the 'general stream' an individually designed coherent program of study, from any faculty Electives can be chosen from any faculty of the University, including Health Sciences.

**First year (120 credit points)**

Sem.	Subject code	Credit points
1	Introduction to Behavioural Health Sciences 1	PH1IB1 15
1	Introduction to the Human Body	HB11API 15
1	The Health of Australians	PH1HOA 15
2	Australia's Health Care System	PH1AHS 15

2	Introduction to Behavioural Health Sciences 2	PH1IB2 15
2	Regulation of Human Body Function	HB12HRB 15
	Two first-year electives	30

**Second year (120 credit points)**

Subjects to the equivalent of at least 80 credit points from those below. Availability of subjects is dependent on the achievement of minimum enrolment quotas.

1	Anatomy: lower limb	HB21ALL 20
1	Applied Research Methods in Health	PH2ARM 20
1	Communication Processes in Health Care	PH2CPH 20
1	Environmental and Behavioural Determinants of Health	PH2EBD 20
1	Human Physiology A	HB21HPA 20
1	Managing in Health Care Organisations	PH2MHO 20
1	Sensory Systems in Orientation and Mobility	OR2SSM 20
1	Studies in Public Health	PH2SPH 20
2	Anatomy: trunk and upper limb	HB22ATL 20
2	Brain & Perception in Orientation and Mobility	HB2BPM 20
2	Disability: Social and Psychological Aspects	PH2DSP 20
2	Health Skills Development	PH2HSD 20
2	Human Physiology B	HB22HPB 20
2	Legal and Ethical Issues in Health Sciences	PH2LEI 20
2	Organisational Behaviour and Health Care	PH2OBH 20
	Two second-year electives	40

**Third year (120 credit points)**

Subjects to the equivalent of at least 60 credit points from those below. Availability of subjects is subject to sufficient student enrolments.

1	Advanced Physiology A	HB31APA 30
1	Community Health Promotion	PH3CHP 30
1	Drugs in Sport	HB3DIS 15
1	Health Care Programs	PH3HCP 30
1	Health Promoting Palliative Care B	PH3PCB 15
1	Introduction to Gerontology	PH3IG2 15
1	Introduction to Health Information Systems	PH3IHI 30
1	Living with Disability in the Australian Community	PH3LD2 15
1	Orientation and Mobility Methods 1	PH3MM1 15
1	Participatory Field Study	PH3PF1 30
1	Professional Practice and Skills of Orientation & Mobility 1	PH3PP1 15
1	Psychological Bases of Ergonomics	HB31PBE 30
1	Theory of Orientation and Mobility 1	PH3TM1 15
2	Advanced Physiology B	HB32APB 30
2	Biological Bases of Ergonomics M	HB32BEM 15
2	Biological Bases of Ergonomics W	HB32BEW 15
2	Community Groups and the Health Care System	PH3CGH 30
2	Death, Dying and Grief	PH3DDB 15
2	Drug Use and Addictive Behaviour	PH3DU2 15
2	Drugs in Use	HB371 15
2	Health Services: politics and policies <sup>1</sup>	PH3HSP 30
2	Introduction to Resource Management	PH3IRM 30
2	Orientation and Mobility Methods 2	PH3MM2 15
2	Participatory Field Study	PH3PF2 30
2	Professional Practice and Skills of Orientation & Mobility 2	PH3PP2 15
2	Research Methods in Health 3	PH3RMH 30
2	Theory of Orientation and Mobility 2	PH3TM2 15
2	The Social Context in Aids 2	PH3CA2 15
	Approved third-year subjects from any faculty of the University, including Health Sciences	60

Key: <sup>1</sup> Not available in 2000

School of Public Health honours program (120 credit points)

The honours program requires an additional one year of full- time study, or an equivalent period of part-time study, in the Schools of Public Health and Human Biosciences subjects listed below. To qualify a student must normally have achieved the requirements for the pass degree and demonstrated academic excellence in a subject area relevant to one of the contributing Schools. Students contemplating honours are encouraged to undertake appropriate research methods subjects in the second and third years. The honours program involves three major components, PH4THE a 10,000 to 12,000 word thesis (75 credit points), completion of two course-work components PH4RMH and PH4AIH and an elective to the value of 15 credit points.

School of Human Biosciences honours program (120 credit points)

The year provides students with specialised training in practical research. As well as providing the setting for a disciplined approach to research in the laboratory, the school will provide training in methods of oral and written communication of research results at an advanced level. The program normally involves supervised research projects, although course work may be applicable in some circumstances. The assessment for the honours year is two, 15- minute seminars, a literature survey, an analysis of a scientific paper, a thesis of 10,000 to 12,000 words and the supervisor's assessment. Students undertake subject HB400 Human Biosciences 4 all year.

Sample programs of study— second and third year

The following table is designed to assist students planning their course of study at second and third year levels. The programs listed below give an overview of the streams of study which are available. Some subjects have prerequisites and students should carefully check these when planning their course of study.

Disability and rehabilitation

To undertake a program of study in the area of disability and rehabilitation, students should, after first year, take a pattern of subjects as described below.

Second year (120 credit points)

First semester	
Communication Process in Health Care	PH2CPH
Environmental & Behavioural Determinants of Health	PH2EBD
Introduction to Gerontology <sup>1</sup>	PH3IG2

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Second semester	
Disability: Social and Psychological Aspects	PH2DSP

Key: <sup>1</sup> Can be taken in second or third year.

Third year (120 credit points)

First semester	
Health Care Programs	PH3HCP
Living with Disability in the Australian Community <sup>1</sup>	PH3LD2
Participatory Field Study <sup>2</sup>	PH3PF1

Second semester  
Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Key: <sup>1</sup> This subject can be taken in second or third year. <sup>2</sup> The field of study would be in a rehabilitation or disability services area.

Health administration

To undertake a program of study in the area of health administration, students should, after first year, take a pattern of subjects as described below.

Second year (120 credit points)

First semester	
Communication Processes in Health Care	PH2CPH
Managing in Health Care Organisations	PH2MHO

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Second semester	
Legal and Ethical Issues in Health Sciences <sup>1</sup>	PH2LEI
Organisational Behaviour and Health Care	PH2OBH

Key: <sup>1</sup> Or equivalent.

Third year (120 credit points)

First semester	
Health Care Programs	PH3HCP
Introduction to Health Information Systems	PH3IHI

Second semester	
Introduction to Resource Management	PH3IRM

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Health promotion

To undertake a program of study in the area of health promotion, students should, after first year, take a pattern of subjects as described below.

Second year (120 credit points)

First semester	
Studies in Public Health <sup>1</sup>	PH2SPH
Environmental and Behavioural Determinants of Health	PH2EBD

Second semester	
Health Skills Development	PH2HSD
Disability: Social and Psychological Aspects	PH2DSP

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Third year (120 credit points)

First semester	
Community Health Promotion	PH3CHP
Health Care Programs	PH3HCP

Second semester	
Participatory Field Study <sup>2</sup>	PH3PF2

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Key: <sup>1</sup>Can be taken at second or thir year level. <sup>2</sup>The field of study is in the health promotion area.

Human physiology and anatomy

To undertake a program of study in the area of human physiology and anatomy, students are required to achieve a grade average of C or above in first year subjects HB12API/HB12HRB, and from second year enrol in the subjects below.

Second year (120 credit points)

First semester	
Anatomy: lower limb	HB21ALL
Human Physiology A	HB21HPA

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Second semester	
Anatomy: trunk and upper limb	HB22ATL
Human Physiology B	HB22HPB

Third year (120 credit points)

First semester	
Advanced Physiology A - cell communication systems and pharmacology	HB31APA

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Second semester	
Advanced Physiology B - normal function, drugs and disease	HB32APB

Orientation and Mobility

To undertake a program of study in the area of orientation and mobility, students should, after the first year, take a pattern of subjects as described below.

Second year (120 credit points)

First semester	
Communication Processes in Health Care	PH2CPH
Sensory Systems in Orientation and Mobility	OR2SSM

Subjects from the list of approved subjects (above) to make a total of 120 credit points.

Second semester	
Brain & Perception in Orientation and Mobility	HB2BPM
Disability: Social and Psychological Aspects	PH2DSP

**Third year (120 credit points)****First semester**

Orientation and Mobility Methods 1	PH3MM1
Professional Practice & Skills of Orientation and Mobility 1 <sup>1</sup>	PH3PP1
Theory of Orientation and Mobility 1	PH3TM1

Subjects from the list of approved subjects to make a total of 120 credit points.

**Second semester**

Orientation and Mobility Methods 2	PH3MM2
Professional Practice & Skills of Orientation and Mobility 2 <sup>1</sup>	PH3PP2
Theory of Orientation and Mobility 2	PH3TM2

Students can also undertake individually tailored programs consistent with the course structure. Subjects of interest are listed in the course structure, above.

**Credit for TAFE Diplomas**

Up to 12 months credit (120 credit points) may be granted for certain TAFE diplomas (18 months for the Ambulance Officer Training Course - see below) to students entering the Bachelor of Health Sciences. The credit may be granted as a mixture of specified and unspecified credit, depending on the applicants background. Where possible, candidates who have studied subjects related to BHSc subjects (determined by the course coordinator) will be granted specified credit. Credit will only be granted to students who meet normal admission requirements. The completion of a designated TAFE Diploma does not guarantee entry to the course.

Students who have completed the three year Ambulance Officer Training course at the Ambulance Officer Training Centre of Victoria will be granted up to 180 credit points of credit towards the BHSc. This comprises credit for all first- year subjects and unspecified credit of 60 credit points for second year subjects excluding School of Human Biosciences subjects.

Details of the designated TAFE Diplomas which will attract 120 credit points of credit in the BHSc are available from the course administrator in the School of Public Health, telephone (03) 9479 2558.

**Bachelor of Health Sciences / Bachelor of Commerce**

**Inquiries:** School of Public Health (03) 9479 2558  
School of Business (03) 9479 2693

**Duration:** Four years.

For details of Bachelor of Commerce subjects, see entries in the Faculty of Law and Management section of this Handbook.

This four-year double degree course is designed to allow students to pursue their areas of interest in both commerce and health sciences. The combination of health science and commerce will provide students with the opportunity to combine the health administration stream already existing in the Bachelor of Health Sciences with Bachelor of Commerce subjects. The graduates of such a degree will be able to apply the knowledge and skills of an accountant to the health area. Combined with the Bachelor of Health Sciences, the degree equips students with specific skills and knowledge in health administration, health policy and health services management enabling them to pursue a career in the public or private health services sector. Many subject combinations are possible enabling students to build their course to suit their particular interests for their future careers.

The health sector is a large and complex industry and provides interesting careers with a need for the ability to participate in, and respond to, a rapidly changing environment. The double degree should provide graduates with the confidence and skills necessary for such a specialised career.

**Programs of study**

The course requires a total of 540 credit points taken over four years. Students are required to take subjects to the total of 270 credit points from each discipline consisting of the following year levels.

Faculty	First year level subjects	Second year level subjects	Third year level subjects
Health Sciences	90	80 Elective(s) <sup>1</sup> 10	60 Elective(s) <sup>2</sup> 30
Law and Management	105	60	30 Electives <sup>3</sup> 45 Electives <sup>2</sup> 30

**Key:** <sup>1</sup>Taken from either the School of Public Health or Human Biosciences. <sup>2</sup>Taken from any area in the University. <sup>3</sup>Taken from the School of Business.

**Health Sciences requirements**

Students must complete the following core subjects from the Bachelor of Health Sciences. These would normally be taken in the first two years of study. All subjects are worth 15 credit points.

Sem.		Subject code
1	Introduction to Behavioural Health Sciences 1	PH1IB1
1	Introduction to the Human Body	HB11API
1	The Health of Australians	PH1HOA
2	Australia's Health Care System	PH1AHS
2	Introduction to Behavioural Health Sciences 2	PH1IB2
2	Regulation of Human Body Function	HB12HRB

At year two and three level, students can choose any combination of subjects from those offered in the Bachelor of Health Sciences, or can specialise in one of disability and rehabilitation, health administration, public health and health promotion, or human physiology, anatomy or orientation and mobility.

**Commerce requirements**

Students must complete the following subjects from the Bachelor of Commerce. All subjects are worth 15 credit points.

Sem.		Subject code
1	Management Accounting A	MA2A
1/2	Accounting for Management Decisions	AFMD1
1/2	Financial Accounting	FA1
1/2	Financial Accounting	FA2
1/2	Foundations of Management	FOM1
1/2	Introductory Macroeconomics	IMA1
1/2	Introductory Microeconomics	IMI1
1/2	Law of Commercial Contract	L1LCC
2	Management Accounting B	MA2B
2	Management Information Systems	MIS1
<b>plus</b>		
1/2	Microeconomics Theory	MIT2
<b>or</b>		
2	Managerial Economics	MANEC2
<b>and</b>		
1	Corporate Finance	CFI3
<b>or</b>		
2	Investment and Portfolio Management	IPM3
<b>and</b>		
1/2	Financial Accounting	FA3
<b>or</b>		
1	Management Accounting C	MA3C
<b>plus</b>	Three other third year electives from the School of Business	
<b>plus</b>	Electives taken from anywhere within the University (at least one at third year level)	

**Accreditation**

If students are seeking professional accreditation with the ASCPA and the ICAA, they must include amongst their subjects: Financial Accounting 3; Auditing; Legal Studies 1LBA, and Taxation.

**BACHELOR OF HEALTH SCIENCES / BACHELOR OF ECONOMICS**

**Inquiries:** School of Public Health 9479 2558  
School of Business 9479 2693

**Duration:** Four years.

For details of Bachelor of Economics subjects, see entries in the Faculty of Law and Management section of this Handbook.

This four-year double degree course is designed to allow students to pursue their areas of interest in both economics and health sciences. The combination of health sciences and economics will provide students with the opportunity to combine the health administration stream in the Bachelor of Health Science with Bachelor of Economics subjects. This program offers a comprehensive study of economics with specialisation in health. The study of economics offered by the Faculty of Law and Management when combined with the Bachelor of Health Sciences will provide students with knowledge and skills in health economics, public sector finance, economic evaluation, and health program development. The graduates of such a course will be able to become skilled as health economists with a strong policy, health administration and economics background. Policy planning, and health research and evaluation in the health sector are sought after features in the applied economics area whether it is at the macro or micro level. The double degree should provide graduates with the confidence and skills necessary for such a specialised career.

## Programs of study

The course requires a total of 540 credit points taken over four years. Students are required to take subjects to the total of 270 credit points from each discipline consisting of the following year levels.

Faculty	First year level subjects	Second year level subjects	Third year level subjects
Health Sciences	90	80 Elective(s) <sup>1</sup> 10	60 Elective(s) <sup>2</sup> 30
Law and Management	90	60	30 Electives <sup>3</sup> 60 Electives <sup>2</sup> 30

<sup>1</sup>Taken from either the School of Public Health or Human Biosciences. <sup>2</sup>Taken from any area in the University. <sup>3</sup>Taken from the School of Business.

## Health Sciences requirements

Students must complete the following core subjects from the Bachelor of Health Sciences. These would normally be taken in the first two years of study. All subjects are worth 15 credit points.

Sem.		Subject code
1	Introduction to Behavioural Health Sciences 1	PH1IB1
1	Introduction to the Human Body	HB11API
1	The Health of Australians	PH1HOA
2	Australia's Health Care System	PH1AHS
2	Introduction to Behavioural Health Sciences 2	PH1IB2
2	Regulation of Human Body Function	HB12HRB

At year two and three level, students can choose any combination of subjects from those offered in the Bachelor of Health Sciences, or can specialise in one of disability and rehabilitation, health administration, public health and health promotion, or human physiology, anatomy or orientation and mobility.

## Economics requirements

Students must complete the following subjects from the Bachelor of Economics plus four third year electives taken from the School of Business(60) plus electives taken from anywhere within the University(30).

Sem.		Subject code
1	Business Statistics 2	BST2
1	Long Term Economic Change 1	LTEC1
1	Introduction to Quantitative Analysis	QA1
1/2	Introductory Macroeconomics	IMA1
1/2	Introductory Macroeconomics1	IMI1
1/2	Macroeconomic Theory 2	MAT2
1/2	Management Information Systems	MIS1
1/2	Microeconomic Theory 2	MIT2
2	Business and Economic Statistics 1	BAES1
2	Macroeconomic Analysis 3	MAA3
2	Microeconomic Analysis 3	MIA3
2	Modern World Economy 2	MWE2

## Accreditation

Graduates may partly or fully satisfy the educational requirements of a number of professional organisations by completing approved subjects in accounting, economics, marketing and legal studies.

## BACHELOR OF NURSING (PRE-REGISTRATION) – BUNDOORA

**Inquiries:** (03) 9479 5950

**Duration:** Three years

This comprehensive course leads to registration as a Division 1 nurse with the Nurses Board of Victoria. It is a three-year pass degree course with provision for one year of advanced standing for graduate entrants and an honours year.

The philosophy of the course views students as active participants in the learning process. This enhances the development of critical thinking and problem-solving skills, which enable the graduate to respond to the changing demands of health-care services. The course involves study in nursing theory, practice and research, human biosciences and behavioural health sciences.

The on-campus skills laboratory enables students to practise and develop clinical nursing skills in a simulated and supportive environment. The clinical learning component occurs in hospitals and health-care agencies in the Melbourne area.

This course is offered as a three-year, full-time undergraduate program. Part-time study is not recommended. It is also offered as a two-year, full-time graduate-entry program, with one year of advanced standing being granted to applicants with an Australian bachelor degree or its equivalent.

An additional year of study is available at honours level for students who have achieved an outstanding academic record. Students who enrol in the honours stream may apply for registration as a Division 1 nurse at the completion of pass degree studies.

## Course structure

The course has been revised to provide consistency of undergraduate nursing programs across all University campuses. The first year of the revised course will be introduced in 2000 but continuing students will undertake years 2 and 3 of the former course. The full structure of the revised course is as follows:

### First year - 2000

Sem.		Subject code	Credit points
1	Health Care Perspectives	NU1HCP	15
1	Introduction to Behavioural Health Sciences	PH1IB1	15
1	Introduction to the Human Body	HB11API	15
1	Nursing: introduction to professional practice	NU1IPP	15
2	Health Assessment <sup>1</sup>	NU1HAL	15
2	Human Body Function <sup>1</sup>	HB12HBF	15
2	Human Ecology and Health <sup>1</sup>	PH1HEH	15
2	Introduction to Behavioural Science 2	PH1IB2	15

### Second year - 2001

1	Analysis of Nursing Practice: accountability, law and ethics	NU2ANP	10
1	Nursing Therapeutics and Practice in Aged Care	NU2TPA	25
1	One Elective (any approved second year subject in the University)		15
1	Pathology and Pharmacology	HB21PPN	10
2	Health Education and Promotion in a Crosscultural Society	NU2HED	15
2	Nursing Therapeutics and Practice in Acute and Chronic Illness 1	NU2AC1	30
2	Research in Health	PH2RMN	15

### Third year - 2002

1	Nursing Therapeutics and Practice in acute and chronic illness 2	NU3AC2	30
1	Nursing Therapeutics and Practice: mental health and illness	NU3MHI	15
1	Philosophy in Nursing 1	NU3PN1	15
2	Elective (any approved third year subject in the University)		15
2	Nursing: complex care	NU3NCC	30
2	Primary Health Care		15

### Honours year - 2004

1	Clinical Practice Elective	NU4CPE	30
1	History and Philosophy of Nursing	NU4HPN	15
1	Research Skills for Nursing Practice	NU4RNP	15
1&2	Nursing Thesis	NU4THE	60

Key: <sup>1</sup>These subjects are currently being revised for 2000. Students should contact the School for amendments to course details.

The full structure of the course being phased out is as follows:

### Second year – 2000

Sem.		Subject code	Credit points
1	General Pathology	HB21PAG	5
1	Health Education	NR204	5
1	Nursing Therapeutics and Practice 1	NR210	40
1	Professional Nursing Studies 3	NR201	10
2	Nursing Therapeutics and Practice 2	NR220	40
2	Professional Nursing Studies 4	NR205	5
2	The Family in Transition	NR208	15

### Third year - 2000

1	Nursing Therapeutics and Practice 3	NR310	30
1	Primary Health Care	NR304	20
1	Professional Nursing Studies 5	NR305	10
2	Nursing Practice Elective	NR307	15
2	Nursing Therapeutics and Practice 4	NR320	20
2	Nursing Therapeutics and Practice: mental health and illness	NR309	15
2	Professional Nursing Studies 6	NR301	10

## Honours program - 2000

An honours stream, normally undertaken on a part-time basis over two years, is available as the fourth year of the course. To be eligible students should have achieved a B-grade average or above in third-year studies. Students with a Bachelor of Nursing from another institution may be considered for entry.

Students are assisted to demonstrate academic and investigative skills in critical review and analysis of data which are at a higher level than normally expected of pass-level students and to broaden and deepen their theoretical knowledge in the discipline of nursing as a preparation for graduate study. Students undertaking an approved graduate-year program while enrolled in the honours program may apply for credit for the subject NU210, Advanced Nursing Practice. To receive this credit students need to have completed a minimum of 52 days of clinical practice and provide a satisfactory report of their clinical progress from the graduate year program coordinator.

### Course structure - Honours program

Honours students take four subjects, participate in a research seminar and submit a research essay or project comprising 10,000 to 12,000 words or the equivalent.

#### First year

Sem.		Subject code	Credit points
1	History and Philosophy of Nursing 1	NU801B	15
1	Research Skills	NU810	15
2	Advanced Nursing Practice: reflection & action	NU210	15
2	Research Methods	NU820	15

#### Second year

1&2	Research Essay or Project	NU899	60
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Attendance at fortnightly research seminars.

### Course structure (two-year, graduate-entry program)

A week-long introduction-to-nursing program is conducted the week before the start of the normal academic year. Attendance during this week is compulsory for all students. In addition, students with no previous studies in human anatomy and physiology are required to complete a short course prior to the commencement of the program. Information on such courses is available from the course administrator.

#### First year-2000

Sem.		Subject code	Credit points
1	General Pathology	HB21PAG	5
1	Health Assessment for Nursing Practice	NU166	20
1	Nursing: introduction to professional practice	NU1IPP	15
1	Nursing Therapeutics and Practice 1	NR210	40
2	Nursing Therapeutics and Practice 2	NR220	40
2	Professional Nursing Studies 4	NR205	5
2	The Family in Transition	NR208	15

#### Second year

The second year is the same as the third year of the three-year, undergraduate program.

### Honours

An honours year may be undertaken as a third year of this program. See the honours description above.

### Professional recognition

Graduates are eligible for registration with the Nurses Board of Victoria as a Division 1 nurse. After registration, graduates are eligible for membership of the Royal College of Nursing Australia.

### BACHELOR OF NURSING (PRE-REGISTRATION) - ALBURY/WODONGA

For course outline please refer to the Albury/Wodonga entry in this *Handbook*. Subject descriptions are found in this section of the *Handbook*. Please refer to the Index of subjects.

### BACHELOR OF NURSING (POST-REGISTRATION) – BUNDOORA

**Inquiries:** (03) 9479 5950

**Duration:** One year full-time or two years part-time.

This course enables registered nurses to expand their knowledge base and practically apply this knowledge. It aims to provide students with academic and practical skills and the attitudes required to

comprehend, critically analyse and evaluate new knowledge in nursing. Graduates of the course will have a strong discipline base for postgraduate study.

Consistent with the rationale of the course, the School of Nursing aims to prepare qualified nurses:

- to develop further a discipline perspective through the study of relevant literature.
- to acquire the ability to interpret and utilise nursing research findings.
- to critically examine issues related to health-care delivery systems and the implications for nursing and recipients.
- to broaden and deepen their knowledge of nursing practice in order to expand their role in a selected practice setting.
- to demonstrate commitment to learning as a life-long process.

### Admission requirements

Open to nurses who hold a diploma from a college or university or who hold a nursing certificate from a hospital-based program.

Applicants must be registered as Division 1 nurses with the Nurses Board of Victoria.

Nurses without a diploma and who have not previously undertaken study at tertiary level are recommended to complete the preparation subject, Approaches to Learning in Nursing. This subject takes three months to complete and is available by distance education from the School's Continuing and Distance Education Unit, (03) 9479 5951.

### Advanced standing

Holders of a three-year Diploma in Nursing may apply for advanced standing, exempting them from up to 50% of the workload.

Diplomates normally take four subjects (approved by an adviser) from those shown below.

### Course structure

For the pass degree, students are required to complete all of the subjects listed below:

Sem.		Subject code	Credit points
1	Health Assessment for Nursing Practice	NU166	15
1	Health Care Perspectives	NU153	15
1	Human Relations in Nursing – Counselling	NU103	15
1	Nursing Knowledge	NU122	15
2	Critical Analysis of Contemporary Nursing Practice	NU167	15
2	Family Nursing Care	NU113	15
2	Research for Nursing Practice	NU201	15

### Plus

One elective chosen either from the following list, or from the range of electives offered by other Schools within the Faculty.

2	Introduction to Gerontology	GR3002	15
2	Nursing Practice and Ethics	NU192	15
2	Reproductive and Sexual Health	HB324	10
2	Reproductive Health	HB525	15
2	Transcultural Nursing 1	NU190	10

### Professional recognition

Graduates are eligible for membership of the Royal College of Nursing, Australia.

### BACHELOR OF NURSING SCIENCE – BUNDOORA

**Inquiries:** (03) 9479 5950

**Duration:** Four years

This four year degree leading to registration as a Division 1 nurse with the Nurses Board of Victoria will be offered for the first time in 2000. It provides for an honours stream from year 3, and graduate entry at year 2. While it has a number of subjects in common with the three-year Bachelor of Nursing, this course aims to: prepare practitioners who, by virtue of their increased clinical learning opportunities and enhanced research preparation are able to assume practice roles in a broader range of settings with more confidence and a greater ability to manage time and organise their work; have the theoretical preparation, public speaking ability, presentation and negotiation skills to enable them to assume future leadership roles in the health care system; and, with in-depth understandings of the role of the nurse in social change, are capable of taking a politically informed stance to support health for all.

**Course structure****First year**

Sem.		Subject code	Credit points
1	Health Care Perspectives	NU1HCP	15
1	Human Anatomy and Physiology	HB11APH	15
1	Introduction to Behavioural Health Sciences	PH1IB1	15
1	Nursing: introduction to professional practice	NU1IPP	15
2	Health Assessment <sup>1</sup>	NU1HAL	15
2	Human Ecology and Anatomy <sup>1</sup>	PH1HEH	15
2	Introduction to Behavioural Science 2	PH1IB2	15
2	Regulation of Human Body Function	HB12HRB	15

**Second year**

1	Analysis of Nursing Practice: accountability, law and ethics	NU2ANP	10
1	Nursing Therapeutics and Practice: gerontic nursing	NU2TPA	25
1	Pathology and Pharmacology	HB21PPN	10
1	Physiology 2	HB21PP2	15
1&2	Research in Health Care	PH2RMN	15
2	Health Education and Promotion in a Cross-cultural Society	NU2HED	20
2	Nursing Therapeutics and Practice: acute and chronic illness 1	NU2AC1	30

**Third year(Pass)**

1	Nursing Therapeutics and Practice: acute and chronic illness 2	NU3AC2	30
1	Nursing Therapeutics and Practice: mental health and illness	NU3MHI	15
1	Philosophies in Nursing 1	NU3PN1	15
2	Clinical Practice Elective		15
2	Family Nursing in a Cross-cultural Society	NU3FMS	15
2	Health Care Management	NU3HCM	15
2	Primary Health Care	NU3PHC	15

**Fourth year (Pass)**

1	Clinical Practice Project	NU4NCP	30
1	Research Methods in Health 4	PH4RMH	15
1	One elective		15
2	Nursing Therapeutics and Practice: comprehensive care	NU4NCC	30
2	One elective		15
2	Public Health Practice	NU4PHP	15

**Third year (Honours)**

1	Nursing Therapeutics and Practice: acute and chronic illness 2	NU3AC2	30
1	Nursing Therapeutics and Practice: mental health and illness	NU3MHI	15
1	Philosophies in Nursing 2	NU3PN2	15
1	Research skills	NU810	15
2	Clinical Elective		15
2	Family Nursing in a Cross-cultural Society	NU3FMS	15
2	Primary Health Care	NU3PHC	15
2	Health Care Management	NU3HCM	15

**Fourth year (Honours)**

1	Research Methods	NU820	15
1&2	Nursing Thesis	NU4THE	60
2	Nursing Therapeutics and Practice: comprehensive care	NU4NCC	30
2	Public Health Practice	NU4PHP	15

Key: <sup>1</sup>These subjects are currently being revised for 2000. Students should contact the School for amendments to course details.

**BACHELOR OF NURSING / BACHELOR OF PUBLIC HEALTH – BUNDOORA**

**Inquiries:** (03) 9479 5950

**Duration:** Four years

This four-year double degree prepares graduates for working flexibly across hospital care, community care, illness prevention and health

promotion and education, particularly in situations requiring a combination of clinical and public health skills and knowledge. As a multi-disciplinary course, it synthesises the knowledge base that underpins effective holistic health care provision. Successful completion of the course leads to registration as a Division 1 nurse with the Nurses Board of Victoria. Graduates are also eligible for membership of the Public Health Association of Australia. Work opportunities may be found in a range of employment agencies. These include local, State or Federal government agencies, shire councils, research centres, community health centres, hospitals, aged care facilities, acute in-patient and community mental health agencies, and specialist health services such as, alcohol and drug, and women's health. Employment is also likely in public health organisations which value the combination of clinical qualifications with public health and nursing knowledge and skills. This is a four year full-time course (or part-time equivalent) that requires successful completion of 540 credit points of study as outlined below.

**First year**

Sem.		Subject code	Credit points
1	Health Care Perspectives	NU1HCP	15
1	Introduction to Behavioural health Sciences	PH1IB1	15
1	Introduction to the Human Body	HB11API	15
1	Nursing: introduction to professional practice	NU1IPP	15
2	Health Assessment <sup>1</sup>	NU1HAL	15
2	Human Body Function and Anatomy <sup>1</sup>	HB12HBF	15
2	Human Ecology and Health <sup>1</sup>	PH1HEH	15
2	Introduction to Behavioural Science 2	PH1IB2	15

**Second year**

1	Analysis of Nursing Practice: accountability, law and ethics	NU2ANP	10
1	Nursing Therapeutics and Practice: gerontic nursing	NU2TPA	25
1	Pathology and Pharmacology	HB21PPN	10
1	Research Methods in Health 2	PH2RMH	5
2	Health Skills Development	PH2HSD	20
2	Nursing Therapeutics and Practice: acute and chronic illness 1	NU2AC1	30

**plus**

public health stream specific subjects - see below 30

**Third year**

1	Nursing Therapeutics and Practice: acute and chronic illness 2	NU3NDKAC2	30
1	Nursing Therapeutics and Practice: mental health and illness	NU3MHI	15
1	Philosophies in Nursing 1	NU3PN1	15
2	One elective( from a list of nursing and public health subjects)		15

**plus**

public health stream specific subjects - see below 60

**Fourth year**

1	Clinical Practice Project	NU4NCP	15
1	Clinical Specialty	NU4CLS	15
2	Nursing Therapeutics and Practice: Complex Care	NU4COC	30
2	Public Health Practice	NU4PHP	15

**plus**

public health stream specific subjects - see below 30

Key: <sup>1</sup>These subjects are currently being reviewed for 2000. Students should contact the School for amendments to course details.

**Public Health Streams**

Students may choose up to 120 credit points. 60 credit points must be taken from second year offerings and 60 credit points from third year offerings

**Health promotion**

1	Community Health Promotion	PH2CPH	30
1	Environmental and Behavioural Determinants of Health	PH2EBD	20

1	Studies in Public Health	PH2SPH	20
2	Disability: Social and Psychological Aspects	PH2DSP	20
2	Health Skills Development	PH2HSD	20
2	Participatory Field Study	PH3PFI	30

**Health Administration**

1	Communication Processes in Health Care	PH2CPH	20
1	Health Care Programs	PH3HCP	30
1	Introduction to Health Information Systems	PH3IHI	30
1	Managing in Health Care Organisations	PH2MHO	20
2	Introduction to Resource Management	PH3IRM	30
2	Legal and Ethical Issues in Health Sciences	PH2LEI	20
2	Organisational Behaviour and Health Care	PH2OBH	20

**Disability and Rehabilitation**

1	Communication processes in Health Care	PH2CPH	20
1	Environmental and Behavioural Determinants of Health	PH2EBD	20
1	Health Care Programs	PH3HCP	30
1	Introduction to Gerontology	PH3IG	15
1	Living with Disability in the Australian Community	PH3LD2	15
1	Participatory Field Study	PH3PFI	30
2	Disability: Social and Psychological Aspects	PH2DSP	20
2	Participatory Field Study	PH3PFI	30

**BACHELOR OF OCCUPATIONAL THERAPY – BUNDOORA**

**Inquiries:** (03) 9479 5732

**Duration:** Four years

Broadly, the goal of occupational therapy is to habilitate and rehabilitate people who have difficulties managing their daily activities. Occupational therapy aims to address people's occupational needs and the loss of daily living skills which follow physical, emotional, psychological and social disorders. Subjects studied in the Bachelor of Occupational Therapy include general and health sciences, professional and clinical studies.

It provides graduates with the skills necessary for the delivery of quality occupational therapy services.

The Bachelor of Occupational Therapy is recognised by the World Federation of Occupational Therapists (WFOT) and graduates are normally eligible for membership of the Australian Association of Occupational Therapists (AAOT).

**Degree requirements**

This is a four-year, full-time course. Students must successfully complete all subjects outlined in the course structure. Throughout the course students must obtain not less than 1,000 hours of supervised clinical experience in a variety of hospital and community settings. Clinical placements must be taken in both metropolitan and rural settings and students may apply for an interstate or overseas placement.

**Course structure**

This course incorporates lectures, tutorials, practicums and research projects. The Bachelor of Occupational Therapy has a coordinator for each year of the course.

The first year of the course focuses on the normal structure and function of the human body, psychological and social development processes. Students are introduced to the theories and principles upon which occupational therapy is based and learn to analyse the role of activities in promoting a person's competence, health and sense of well-being.

In the second and third years, students progressively learn more about disease, disability and disadvantage. They develop skills in the therapeutic use of activities, the application of individual and group assessment and treatment techniques and the design and adaptation of equipment and environmental modification. Students also learn how to evaluate research in occupational therapy and the fundamentals of research design.

In the fourth year students continue to refine their knowledge and skills, largely in elective areas and learn more about administration, management and the health-care system.

An integral part of the course is the provision of supervised clinical experiences, with clinical placements enabling students to develop a sound basis for professional practice. An Honours program is also available.

**First year**

Sem.		Subject code	Credit points
1	Clinical Preparation	OTPT100	5
1	Human Anatomy and Physiology	HB11APH	15
1	Occupational Therapy 1: introduction to occupational therapy	OT1TH1	25
1	Psychology A	PSY11PYA	15
2	Anatomy: lower and upper limbs	HB12ALU	10
2	Health and Australian Society	PH1HAS	5
2	Human Body Function	HB12HBF	10
2	Human Development for Occupational Therapists	OT1DEV	10
2	Occupational Therapy 2: studies in human occupation	OT1TH2	10
2	Psychology B	PSY12PYB	15

**Second year**

1	Clinical Psychiatry	OT2CPS	5
1	General Pathology	HB21PAG	5
1	Neurosciences A	HB21NEU	5
1	Occupational Therapy 3: theory, process and practice	OT2TH3	25
1	Occupational Therapy Conditions	OT2CON	5
1	Research Methods in Health 1	PH1RMH	5
2	Clinical Practice	OT2PR2	10
2	Occupational Therapy 4: occupational living	OT2TH4	10
2	Occupational Therapy Intervention 1: psychosocial practice	OT2IN1	20
2	Occupational Therapy Intervention 2: physical intervention	OT2IN2	20
2	Occupational Therapy Intervention 3: paediatrics in occupational therapy	OT2IN3	10

**Third year**

1	Clinical Practice	OT3PR3	15
1	Occupational Therapy Intervention 4: neurological interventions	OT3IN4	25
1	Occupational Therapy Intervention 5: psychosocial intervention	OT3IN5	10
1	Occupational Therapy Intervention 6: the ageing population	OT3IN6	10
2	Applied Research Methods	PH2RMH	5
2	Clinical Practice	OT3PR4	15
2	Occupational Therapy 5: service systems and human occupation	OT3TH5	15
2	Occupational Therapy Intervention 7: integrated practice	OT3IN7	10

**plus**

2	Research for Occupational Therapists (Pass)	OT3RS1	5
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**or**

2	Research for Occupational Therapists (Honours)	OT3RS2	5
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**plus**

a second semester elective subject from the list below

**Fourth year**

A	Occupational Therapy Research Project (Pass)	OT4RS3	40
or			
A	Occupational Therapy Research Project (Honours)	OT4RS4	40

**plus**

1	Occupational Therapy 6: professional skills and development	OT4TH6	20
2	Clinical Practice	OT4PR5	40

**plus**

two first semester elective subjects from the list below.

**Electives**

Students must complete one 10 credit point public health sociology elective and two 10 credit point occupational therapy electives from the following:



1	Child and Adolescent Mental Health in Occupational Therapy	OT4CAM	10
1	Living with Disability in the Australian Community	PH3LDI	10
1	Occupational Health	OT4OCC	10
1	Advanced Group Work	OT4AGW	10
1	Health Promoting Palliative Care A	PH3PCA	10
1	Neuroscience Intervention	OT4NSI	10
1	Sensor Rehabilitation	OT4SEN	10
1	Upper Limb Intervention	OT4ULI	10
1/2	Advanced Splinting Techniques	OT3/4SPL	10
1/2	Occupational Therapy Practice with Children	OT3/4CHI	10
2	Aids in Context	PH3CA1	10
2	Death, Dying and Grief	PH3DDA	10
2	Drug Use and Addictive Behaviour	PH3DU1	10
2	Neurological Rehabilitation in Occupational Therapy	OT3NEU	10
2	Personal Projects in Therapy and Education	OT3PER	10

Students should check with the relevant School for subject availability.

### Honours degree

An Honours program is available to those students who have achieved results of a high academic standard. Eligibility for Honours is determined by a system which weights first, second and third-year subjects. The Honours course runs over three semesters commencing in the second semester of third year and students who are eligible for admission to the Honours stream will be informed prior to its commencement. The subjects taken only by Honours students are:

Research for Occupational Therapists (Honours)	OT3RS2
Occupational Therapy Research Project (Honours)	OT4RS4

Grades awarded to students successfully completing honours are H1, H2A, H2B or H3.

### BACHELOR OF OCCUPATIONAL THERAPY

### BACHELOR OF BEHAVIOURAL SCIENCE – BUNDOORA

**Inquiries:** (03) 9479 5732

**Duration:** Five years

Broadly, the goal of occupational therapy is to habilitate and rehabilitate people who have difficulties managing their daily activities. Occupational therapy aims to address people's occupational needs and the loss of daily living skills which follow physical, emotional, psychological and social disorders. Behavioural Science provides a comprehensive education in psychology, in which graduates complete an approved three year sequence of studies accredited by the Australian Psychological Society. The Bachelor of Behavioural Science is an established foundation for the further education, training and supervised experience required for registration as a professional psychologist with the Psychologist Registration Board of Victoria and for membership of the Australian Psychological Society (APS).

### Degree requirements

This is a five-year, full-time course. Students must successfully complete all subjects outlined in the course structure. Throughout the course students must obtain not less than 1,000 hours of supervised clinical experience in a variety of hospital and community settings.

### Course structure

This course incorporates a combination of lectures, tutorials, practical and laboratory sessions. In the first year of the course students learn about normal human functioning and development, and are introduced to occupational therapy theory and studies in human occupation. In subsequent years, students progressively learn more about impairment, disability and handicaps and their impact on human occupations, as well as learning about research and evaluation. Students are introduced to the methods of research and analysis used in psychology and are taught theories and knowledge in four core content areas: biological psychology; developmental and cognitive psychology; individual differences and abnormal psychology; and social psychology. Students will develop skills in the therapeutic use of occupations, individual and group assessment, and therapy techniques. They will also learn to design equipment and adapt environments to promote optimum performance of persons with disabilities. Integral to the degree is the provision of supervised Occupational Therapy clinical experiences, enabling students to develop a sound basis for professional practice. Placements are completed in a variety of clinical settings and may take place in Melbourne, country Victoria and elsewhere.

### First year

Sem.		Subject code	Credit points
1	Clinical Preparation	OTPT100	5
1	Human Anatomy and Physiology	HB11APH	15
1	Occupational Therapy 1: introduction to occupational therapy	OT1TH1	25
1	Psychology A	PSY11PYA	15
2	Anatomy: lower and upper limbs	HB12ALU	10
2	Health and Australian Society	PH1HAS	5
2	Human Body Function	HB12HBF	10
2	Human Development for Occupational Therapists	OT1DEV	10
2	Occupational Therapy 2: studies in human occupation	OT1TH2	10
2	Psychology B	PSY12PYB	15

### Second year

1	General Pathology	HB21PAG	5
1	Neurosciences A	HB21NEU	5
1	Occupational Therapy 3: theory, process and practice	OT2TH3	25
1	Occupational Therapy Conditions	OT2CON	5
1	Psychology 20P (part 1)	PSY20P	20
1	Research Methods in Health 1	PH1RMH	5
2	Clinical Practice	OT2PR2	10
2	Occupational Therapy 4: occupational living	OT2TH4	10
2	Occupational Therapy Intervention 1: psychosocial practice	OT2IN1	20
2	Occupational Therapy Intervention 2: physical intervention	OT2IN2	20
2	Occupational Therapy Intervention 3: paediatrics in occupational therapy	OT2IN3	10

### Third year

1	Clinical Practice	OT3PR3	15
1	Occupational Therapy Intervention 4: neurological interventions	OT3IN4	25
1	Occupational Therapy Intervention 5: psychosocial intervention	OT3IN5	10
1	Occupational Therapy Intervention 6: the ageing population	OT3IN6	10
2	Clinical Practice	OT3PR4	15
2	Occupational Therapy 5: service systems and human occupation	OT3TH5	15
2	Occupational Therapy Intervention 7: integrated practice	OT3IN7	10
2	Psychology 20P (Part 2)	PSY20P	20

### Fourth year

1	Applied Psychology	PSY30APP	30
1	Psychology 3	PSY30P	30
2	Applied Psychology	PSY30APP	30
2	Psychology 3	PSY30P	30

**plus**

2	Research for Occupational Therapists (Pass)	OT3RS1	5
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**or**

2	Research for Occupational Therapists (Honours)	OT3RS2	5
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### Fifth year

A	Occupational Therapy Research Project (Pass)	OT4RS3	40
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**or**

A	Occupational Therapy Research Project (Honours)	OT4RS4	40
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**plus**

1	Occupational Therapy 6: Professional Skills and Development	OT4TH6	20
2	Clinical Practice	OT4PR5	40

**plus**

two first semester elective subjects from the list below.

### Electives

1	Advanced Group Work	OT4AGW	10
1	Advanced Splinting Techniques	OT4SPL	10
1	Child and Adolescent Mental Health in Occupational Therapy	OT4CAM	10

1	Health Promoting Palliative Care A	PH3PCA	10
1	Living with Disability in the Australian Community	PH3LD1	10
1	Neuroscience Intervention	OT4NSI	10
1	Occupational Health	OT4OCC	10
1	Occupational Therapy Practice with Children	OT4CHI	10
1	Sensor Rehabilitation	OT4SEN	10
1	Upper Limb Intervention	OT4ULI	10

Students should check with the relevant School for subject availability.

### Honours degree

An Occupational Therapy Honours program is available to those students who have achieved results of a high academic standard. Eligibility for Occupational Therapy Honours is determined by a system which weights first, second and third-year subjects. The Honours course runs over three semesters commencing in the second semester of fourth year and students who are eligible for admission to the Honours stream will be informed prior to its commencement. The subjects taken only by Honours students are:

Grades awarded to students successfully completing honours are H1, H2A, H2B or H3.

The Honours program in Behavioural Science will be available as an additional sixth year to students who meet the prerequisites.

### BACHELOR OF OCCUPATIONAL THERAPY / BACHELOR OF ERGONOMICS - BUNDOORA

**Inquiries:** (03) 9479 5732

**Duration:** Five years full time

Broadly, the goal of occupational therapy is to habilitate and rehabilitate people who have difficulties managing their daily activities. Occupational therapy aims to address people's occupational needs and the loss of daily living skills which follow physical, emotional, psychological and social disorders. Ergonomics is an applied science in which basic knowledge drawn from both psychological and biological sciences is developed by researchers and applied via professions such as engineering, organisational psychology, occupational therapy and physiotherapy. Its purpose is to optimise the operating efficiency of the person-task-environment system by adapting task and environment factors to fit human needs and capacities.

### Degree requirements

This is a five-year, full-time course. Students must successfully complete all subjects outlined in the course structure. Throughout the course students must obtain not less than 1,000 hours of supervised clinical experience in a variety of hospital and community settings.

### Course structure

This course incorporates lectures, laboratory classes, tutorials, practicums and research projects. In the first year of the course students learn about normal human functioning and development, and are introduced to occupational therapy theory and studies in human occupation. In subsequent years, students progressively learn more about impairment, disability and handicaps and their impact on human occupations, as well as learning about research and evaluation. There will be an increasing emphasis on ergonomics, with students studying the biological and psychological bases of ergonomics, the relationship between ergonomics and ageing, ergonomics in the workplace, and ergonomics analysis and evaluation methods. Students will also complete projects in both Occupational Therapy and Ergonomic practice.

Integral to the degree is the provision of supervised Occupational Therapy clinical experiences, enabling students to develop a sound basis for professional practice. Placements are completed in a variety of clinical settings and may take place in Melbourne, country Victoria and elsewhere.

### First year

Sem.		Subject code	Credit points
1	Clinical Preparation	OT/PT100	5
1	Human Anatomy and Physiology	HB11APH	15
1	Occupational Therapy 1: introduction to occupational therapy	OT1TH1	25
1	Psychology A	PSY11PYA	15
2	Anatomy: lower and upper limbs	HB12ALU	10
2	Health and Australian Society	PH1HAS	5

2	Human Body Function	HB12HBF	10
2	Human Development for Occupational Therapists	OT1DEV	10
2	Occupational Therapy 2: studies in human occupation	OT1TH2	10
2	Psychology B	PSY12PYB	15

### Second year

1	Clinical Psychiatry	OT2CPS	5
1	General Pathology	HB21PAG	5
1	Neurosciences A	HB21NEU	5
1	Occupational Therapy 3: theory, process and practice	OT2TH3	25
1	Occupational Therapy Conditions	OT2CON	5
1	Research Methods in Health 1	PH1RMH	5
2	Activities of Daily Living	OT2ADL	5
2	Biological Bases of Ergonomics W	HB32BEW	15
2	Clinical Practice	OT2PR2	10
2	Occupational Therapy Intervention 1: psychosocial practice	OT2IN1	20
2	Occupational Therapy Intervention 2: physical intervention	OT2IN2	20
2	Occupational Therapy Intervention 3: paediatrics in occupational therapy	OT2IN3	10

### Third year

1	Clinical Practice	OT3PR3	15
1	Occupational Therapy Intervention 4: neurological interventions	OT3IN4	25
1	Occupational Therapy Intervention 5: psychosocial intervention	OT3IN5	10
1	Psychological Bases of Ergonomics	HB31PBE	30
2	Applied Research Methods	PH2RMH	5
2	Biological Bases of Ergonomics M	HB32BEM	15
2	Clinical Practice	OT3PR4	15
2	Occupational Therapy 5: service systems and human occupation	OT3TH5	15
2	Occupational Therapy Intervention 7: integrated practice	OT3IN7	10

*plus*

2	Research for Occupational Therapists (Pass)	OT3RS1	5
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*or*

2	Research for Occupational Therapists (Honours)	OT3RS2	5
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### Fourth year

1&2	Occupational Therapy Research Project (Pass),	OT4RS3	40
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*or*

1&2	Occupational Therapy Research Project (Honours),	OT4RS4	40
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*plus*

1	Ergonomics and ageing	HB3EGA	15
1	Occupational Therapy 6: professional skills and development	OT4TH6	20
1	Occupational Therapy intervention 6: the ageing population	OT3IN6	10
2	Clinical Practice	OT4PR5	40

### Fifth year

1	Ergonomics in the workplace	HB4EGW	40
1	Ergonomics analysis and evaluation methods	HB4EGM	30
2	Ergonomics practice project	HB4EGP	40

### Honours degree

An Honours program is available to those students who have achieved results of a high academic standard. Eligibility for Honours is determined by a system which weights first, second and third-year subjects. The Honours course runs over three semesters commencing in the second semester of third year and students who are eligible for admission to the Honours stream will be informed prior to its commencement. The subjects taken only by Honours students are:

Research for Occupational Therapists (Honours)	OT3RS2
Occupational Therapy Research Project (Honours)	OT4RS4

Grades awarded to students successfully completing honours are H1, H2A, H2B or H3.

**BACHELOR OF ORTHOPTIC AND OPHTHALMIC SCIENCES - BUNDOORA****Inquiries:** (03) 9479 1920**Duration:** Three and a half years, full time.

The course equips graduates to provide specialist clinical investigation of eye disease, including diagnosis of eye movement disorders, non surgical management of specific eye problems and rehabilitation techniques for people with low vision. Studies include anatomy, physiology, ocular pathology, professional and clinical studies. Clinical placements are undertaken at selected city, country, interstate and overseas hospitals and clinics. Some clinical placements are undertaken during semester breaks and students are expected to undertake an interstate or overseas placement at least once during the course. Students must meet the travel and accommodation costs associated with clinical practice. Prescribed uniforms are compulsory at all clinical placements and dress regulations are displayed on School noticeboards. It is expected students will purchase some clinical equipment for use in clinical examinations.

**Degree requirements**

This is a full-time course of three and a half years duration. Students are required to attend the Bundoora campus and external clinical placements. Students are assessed through a variety of methods, such as examinations, assignments and practical work. Details of assessment in each subject are available from the School at the beginning of the academic year. Students are expected to purchase lecture and laboratory manuals.

**Course structure****First year**

Sem.		Subject code	Credit points
1	Health and Human Behaviour	PH1HB1	10
1	Introduction to Professional Communication Skills	PH1PRI	5
1	Introduction to the Human Body	HB11APH	15
1	Optics and Vision	ORIOPV	15
1	Protective Structures and Clear Media	OR1OAP	15
2	Anterior Segment	OR1ANT	15
2	Health and Australian Society	PH1HAS	5
2	Human Body Function	HB12HBF	10
2	Refraction	OR1REF	15
2	Retina	OR1RET	15

*Note: Students must participate in an 84 hour clinical block placement between first and second year.*

**Second year**

1	Binocular Vision	OR2ST1	15
1	Biomedical Instrumentation	OR2OP1	5
1	Clinical Practice 1	OR2CL1	10
1	General Pathology	HB21PAG	5
1	Neurosciences A	HB21NEU	5
1	Research Methods in Health 1	PH1RMH	5
1	Retinal Disorders	OR2OP2	15
2	Concomitant Strabismus	OR2ST2	15
2	Neuro-ophthalmic Disorders 1	OR2NE1	15
2	Ophthalmic Practice	OR2OP3	15
2	Pharmacology	HB22PHA	5
2	Research Design in Orthoptic Practice	OR2PR1	5
2	Research Methods in Health 2	PH2RM2	5

*Students must participate in an 84 hour block clinical placement between second and third year.*

**Third year**

1	Behavioural Determinants of Health 1	PH2BDH	5
1	Eye Health Care Systems	OR3PR1	10
1	Incomitant Strabismus	OR3ST1	15
1	Neuro-ophthalmic Disorders 2	OR3NE1	15
1	One elective		15
2	Clinical Practice 2	OR3CL1	60

**Fourth year**

1	Case Management - Ophthalmic Disorders	OR4OP1	15
1	Case Management - Rehabilitation	OR4VR1	15
1	Case Management - Strabismus	OR4ST1	15
1	Orthoptic Professional Practice	OR4CL1	15

*Third and fourth year subject descriptions for the Bachelor of Orthoptic and Ophthalmic Sciences are not listed in this handbook. For further information on these subjects contact the School of Orthoptics on 9479 1920.*

**Professional recognition**

Graduates are eligible for registration with the Australian Orthoptic Board. Graduates are eligible for membership of the Orthoptic Association of Australia, which entitles graduates to membership of the International Orthoptic Association. The Bachelor of Orthoptic and Ophthalmic Sciences is generally accepted across the world, in particular the UK, USA, Europe and Asia.

**Honours year**

Students may be invited to undertake the honours program. Offers are made on the basis of academic merit. The honours program is undertaken in the fourth year of the course, running concurrently with the first semester of the undergraduate fourth year and continuing in the second semester of that year. The honours year will include the honours thesis in addition to the undergraduate fourth year subjects in semester one and honours subjects in semester two.

**Advanced status**

Enrolment with advanced status is available to qualified orthoptists wishing to upgrade to a bachelor degree. Contact the School Administration Manager for details.

**BACHELOR OF ORTHOPTICS - BUNDOORA****Duration:** Three years full time. Part time available.**Degree requirements**

This is a full-time course of three years duration. Students are required to attend the Bundoora campus and external clinical placements. The first year of this course has been replaced in 1999 by the first year of the Bachelor of Orthoptic and Ophthalmic Sciences (see above). This course is being phased out, with no further admissions to the course after 1998.

**Third year (major in ophthalmic studies)**

Sem.		Subject code	Credit points
1	Biomedical Instrumentation	OR353	5
1	Health Promotion and Primary Health Care	OR381	5
1	Ophthalmic Studies A	OR351	10
1	Orthoptics 3A	OR371	15
1/2	One elective		10
2	Ophthalmic Studies B	OR352	15
2	Orthoptics 3B	OR372	15
A	Orthoptic Clinical Practice 3	OR390	45

**Third year (major in rehabilitation studies)**

1	Health Promotion and Primary Health Care	OR381	5
1	Medical Disorders in Visual Rehabilitation	OR340	5
1	Orthoptics 3A	OR371	15
1	Rehabilitation Studies A	OR361	10
A	Orthoptic Clinical Practice 3	OR390	45
2	Orthoptics 3B	OR372	15
2	Rehabilitation Studies B	OR362	15
1/2	One elective		10

**Honours year**

Students who have achieved the required standard have the opportunity to undertake an honours (fourth) year. Students must normally have attained at least B levels across their core professional subjects during the third year of studies in the pass degree.

The honours year comprises, a research project or thesis, a unit of study in advanced research methodology, an elective directly relevant to the research project and relevant clinical or laboratory practice.

**Fourth year**

2	Orthoptic Honours Elective	OR472	15
1	Research Methods in Health 4	PH4RMH	15
A	Research Thesis/Project	OR470	60
A	Advanced Clinical/Laboratory Practice	OR490	30

**Advanced status**

Enrolment with advanced status is available to qualified orthoptists wishing to upgrade to a bachelor degree. Contact the School Administration Manager for details.

**Electives**

Biomedical Instrumentation	OR353	5
Natural and Artificial Vision Systems	OR354	5

**BACHELOR OF PHYSIOTHERAPY – BUNDOORA****Inquiries:** (03) 9479 5766**Duration:** Four years

Physiotherapists assess and treat patients with temporary or long-term physical injury or disability, aiming to achieve the highest possible degree of recovery. They may work independently or as members of medical and health teams active in the prevention of illness and injury and in the promotion of health. Subjects include general and health sciences, professional, clinical and research related studies.

**Degree requirements**

The course involves pre-clinical and clinical study over four years and is offered on a full-time basis. Students are required to complete all the subjects listed in the course structure and are normally expected to complete all of one year's work before enrolling in a later-year subject. In each year, the physiotherapy subjects are normally all co-requisites for each other. Earlier year physiotherapy subjects are all prerequisites for study in a later year physiotherapy subject.

Students are required to reach a satisfactory standard in both the theoretical/written and practical/clinical components of all physiotherapy subjects in the course, and to demonstrate a satisfactory level of safety in order to pass each subject.

All students have the opportunity to complete 15 credit points of elective units in third year.

**Course structure**

During the first part of the course, students study basic biological, medical and behavioural sciences, including anatomy, physiology and psychology, together with the theory and application of specific physiotherapy techniques. In the third and fourth years students apply their practical skills to the physiotherapeutic management of disorders. Students treat patients under supervision in hospitals and other clinical settings in order to gain a sound basis for clinical practice. Lectures, demonstrations and practical sessions are held at the Bundoora campus. Students attend physiotherapy departments in a number of hospitals and special centres for observation and practice. Assessment is conducted by means of written, practical and clinical examinations. Details for each subject are available at the beginning of the academic year. Attendance requirements for practical classes and clinics must be met in order to be eligible for assessment in these subjects.

**First year**

Sem.	Subject code	Credit points
1	Biomechanics of Human Movement HB11BHM	10
1	Clinical Preparation OT/PT100	5
1	Health and Human Behaviour PH1HB1	10
1	Physiotherapy Skills and Anatomy 1 HB11PSA	30
2	Biophysical Bases of Electrotherapy HB12BBE	5
2	Human Physiology for Physiotherapy HB12HPY	15
2	Physiotherapy Skills and Anatomy 2 HB12PSA	30
2	Research Methods in Health 1 PH1RMH	5
A	Physiotherapy Clinical Practice 1 PT1CP1	5

**Second year**

1	Behavioural Determinants of Health 1 PH2BD1	5
1	Child Development in Physiotherapy PT2CDP	5
1	Human Biosciences HB21HBI	15
1	Physiotherapy Skills and Anatomy 3 HB21PSA	30
2	Behavioural Determinants of Health 2 PH2BD2	5
2	Electrophysical Agents PT2EPA	15
2	Neuroscience of Sensation and Movement HB22NSM	5
2	Paediatric Physiotherapy PT2PAE	5
2	Pathology and Pharmacology HB22PPY	10
2	Physiotherapy Skills 2B PT2PSB	10
2	Research Methods in Health 2 PH2RMH	5
A	Physiotherapy Clinical Practice 2 PT2CP2	15

**Third year**

1	Cardiothoracic Physiotherapy - Theory and Practice PT3CTH	15
A	Interpersonal Processes and Professional Practice PH/PT310	5

1	Neurological Physiotherapy – Theory and Practice PT3NEU	15
1	Orthopaedic Physiotherapy – Theory and Practice PT3ORT	15
2	Cardiothoracic Physiotherapy – Clinical PT3CPC	20
2	Neurological Physiotherapy – Clinical PT3NPC	20
2	Orthopaedic Physiotherapy – Clinical PT3OPC	20

Third-year elective subjects (or suitable electives from elsewhere within the University). These subjects have quotas - please check relevant handbook entry.

**Third year electives**

1	Anatomy: Dissection Project HB31ADP	15
1	Advanced Physiology and Pathology HB302	5
1	Drugs in Sport HB3DIS	15
1	Ergonomics and Occupational Health PT3EOH	5
1	Introduction to Feldenkrais PT3FEL	5
1	Measurement Systems for Human Movement Assessment PT3HMA	5
1	Sport and Exercise Psychology PT3SPB	15

**Honours Stream**

A	Research Design in Physiotherapy PT3HON	15
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**Fourth year**

1	Advanced Orthopaedic Physiotherapy PT4AOP	5
1	Introduction to Physiotherapy in Women's Health PT4PWH	5
1	Introduction to Practice in Special Areas PT4PSA	5
1	Physiotherapy in Gerontology and Rehabilitation PT4PGR	5
2	Clinical Elective PT4PCE	40
A	Independent Study PT4INS	10
A	Physiotherapy in General Practice PT4PGP	40
A	Professional Practice PT4PRP	10

The clinical elective comprises two of the following full-time, five-week, clinical placements.

Advanced Orthopaedic Physiotherapy	PT4PAO	20
Physiotherapy in Advanced Neurology	PT4PAN	20
Physiotherapy in Burns and/or Hand Therapy	PT4PBH	20
Physiotherapy in Cardiac Rehabilitation	PT4PCR	20
Physiotherapy in Community Health	PT4PCH	20
Physiotherapy in Geriatrics	PT4PGE	20
Physiotherapy in Intensive Care	PT4PIC	20
Physiotherapy in Oncology	PT4PIO	20
Physiotherapy in Overseas or Interstate Work Experience	PT4OI1	20
Physiotherapy in Paediatrics - Advanced	PT4PPG	20
Physiotherapy in Paediatrics - Introductory	PT4PIP	20
Physiotherapy in Private Practice Management	PT4PPM	20
Physiotherapy in Progressive Illnesses	PT4PPI	20
Physiotherapy in Psychiatry	PT4PPY	20
Physiotherapy in Rehabilitation - Advanced	PT4PRA	20
Physiotherapy in Rehabilitation - Hydrotherapy	PT4RHY	20
Physiotherapy in Rehabilitation - Introductory	PT4PRI	20
Physiotherapy in Rural Health	PT4PRH	20
Physiotherapy in Spinal Cord Lesions	PT4PSC	20
Physiotherapy in Women's Health	PT4WHP	20
Sports Physiotherapy	PT4PSP	20

Unless otherwise noted, each of these electives requires completion of the clinical component of PT4PGP as a prerequisite.

**Honours Stream**

1&2 Honours Thesis	PT4HON	45
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**Professional recognition**

Graduates are eligible for registration with the Physiotherapists Registration Board of Victoria. Registration is an essential prerequisite for practice.

**Honours program**

A sequence of subjects in the third and fourth years of the course leads to the award of an honours degree. Honours candidates undertake a research design unit in place of the third-year elective and a research project incorporating the independent study unit of fourth-year. Applicants are selected at the end of the second year on the basis of academic results. Details are made available at the commencement of the honours program. Grades awarded to students completing honours are H1, H2A and H2B.

**BACHELOR OF PODIATRY - BUNDOORA**

**Inquiries:** (03) 9479 5787

**Duration:** Four years, full time

This is the basic podiatry professional qualification. The podiatrist is a health professional whose area of speciality is the diagnosis, assessment and treatment of foot disorders. Podiatrists offer a range of preventative, curative and palliative treatments to patients of all ages. Theoretical and clinical podiatry subjects are complemented by general health and medical sciences studies.

From 2000, the Bachelor of Podiatry will become a four year course for student enrolling into first year. Continuing students will complete the three year course.

Students are expected to purchase two sets of instruments, one at the start of first year and the other at the start of second year, at a cost of approximately \$330 per set. Students are also required to purchase shoes and lab coats.

**Degree requirements (four year degree)**

Students must complete all the subjects below. Students who meet the appropriate requirements will be invited to participate in an Honours program.

**Course structure**

Only detailed first year subject descriptions are included in this handbook for the new 4 year course. Further information about these new subjects is available from the Department of Podiatry, tel: (03) 9479 5787.

**First year - 2000**

Sem.		Subject code	Credit points
1	Health and Human Behaviour	PH1HB1	10
1	Human Anatomy and Physiology	HB11APH	15
1	Materials	HB11BMT	10
1	Podiatric Dermatology	PM1DLL	15
1	Preclinical Podiatry	PM1CPN	10
2	Anatomy: Lower Limb and Foot	HB12ALF	10
2	Biomechanics of Human Movement	HB12BHM	10
2	Health and Australian Society	PH1HAS	5
2	Human Body Function	HB12HBF	10
2	Podiatric Biomechanics 1	PM1PBM	10
2	Podiatric Clinical Skills	PM1PCS	10
2	Research Methods in Health 1	PH1RMH	5

**Second year - 2001**

1	Neurosciences A	HB21NEU	5
1	Podiatric Anaesthesia	PM2LAP	10
1	Podiatric Assessment	PM2ADP	10
1	Podiatric Biomechanics 2	PM2PBM	10
1	Podiatric Clinics 2A	PM2PCA	10
1	Podiatric Orthotics 2A	PM2POA	10
1	Research Methods in Health 2	PH2RMH	5
2	Medical Microbiology	MIC22MM	20
2	Pathology and Pharmacology	HB22PPY	10
2	Podiatric Clinics 2B	PM2PCB	10
2	Podiatric Management	PM2CMP	10
2	Podiatric Orthotics 2B	PM2POB	10

**Third year - 2002**

1	Clinical Pharmacology	PM3ICP	10
1	Interdisciplinary Professional Studies	HS3IPS	15
1	Podiatric Clinics 3A	PM3PCA	15
1	Podiatric Medicine	PM3MDP	15
1	Podiatric Orthotics 3A	PM3POA	5
2	Advanced Research Methodology	PH4ARM	10
2	Podiatric Clinics 3B	PM3PCB	15
2	Podiatric Orthotics 3B	PM3POB	5
2	Podiatric Pharmacology	PM3ACP	10
2	Podiatric Specialisations	PM3SPP	15
2	Podiatric Surgery: Theory	PM3FST	5

**Fourth year (Pass) - 2003**

1/2/S Podiatric Clinic External	PM4PPE	45
1/2/S Podiatric Clinic Internal	PM4PPI	45
1/2 Podiatry Surgery Practice	PM4FSP	10
Free Electives		20

**Fourth year (Honours) - 2003**

1&2 Podiatry Honours Clinics	PM4HCP	20
1&2 Podiatry Honours Research	PM4HRP	70
1&2 Podiatry Honours Review	PM4HLR	20
1/2 Podiatry Surgery Practice	PM4FSP	10

**Degree requirements (three year degree)**

This is a full-time course of three years duration. The first year has been replaced in 2000 by the first year of the new four year degree (see above). This course is being phased out, with no further admissions to the degree after 1999.

**Course structure (Four year course structure)****Second year - 2000**

Sem.		Subject code	Credit Points
1	Applied Research Methods	PH2RMH	5
1	Neurosciences A	HB21NEU	5
1	Therapeutics	PM211	5
1&2	Clinical Practice 2	PM241	50
1&2	Local Anaesthesia	PM261	5
1&2	Orthotic Practice 2	PM251	15
1&2	Podiatric Biomechanics	PM236	5
1&2	Podiatric Medicine 2	PM231	10
2	Free Elective 2		10
2	Pathology and Pharmacology	HB22PPY	10

**Third year - 2000**

1&2	Clinical Practice 3	PM341	50
1&2	Orthotic Practice 3	PM351	15
1&2	Podiatric Medicine 3	PM331	30
1&2	Podiatry Project 3	PM391	15
1&2	Surgery	PM361	10
2	Advanced Research Methodology	PH3ARM	10

*PH3ARM is taken as an extra elective subject by students planning to proceed to the Honours year.*

**Honours year - 2000**

A full-time, research-based, fourth year of study leading to an honours degree provides students of appropriate academic ability with the opportunity to study at a higher level and develop podiatric research skills. Selection into the Honours stream is based on academic results in third year subjects, a B-average or above being required in PM3 subjects, and on the availability of supervisors.

1	Clinical Pharmacology	PM410	15
1&2	Clinical Practice	PM430	15
1&2	Honours Thesis	PM400	75
2	Pharmacology for Podiatry	PM420	15

**Professional recognition**

The Bachelor of Podiatry is recognised throughout Australia. On completion of the podiatry course, podiatrists must register with the Chiropractors/Podiatrists Registration Board in the state in which they intend to practice.

**BACHELOR OF PROSTHETICS AND ORTHOTICS - BUNDOORA**

**Inquiries:** (03) 9479 5787

**Duration:** Three and a half years, full time

The role of the prosthetist and orthotist is a clinical one, with responsibilities including caseload management, patient assessment, prescription and supply of prostheses and orthoses, liaison with other members of the multi-disciplinary health team and supervision of manufacturing tasks related to prosthetic and orthotic fabrication. The prosthetist/orthotist combines knowledge of anatomy, physiology, biomechanics, pathology and materials with physical skills such as patient assessment, casting, measuring and alignment to provide prosthetic and orthotic treatment specific to each patient. This is a three-and-a-half year, full-time course, though provision is made for part-time study.

**Course structure****First year**

Sem.		Subject code	Credit points
1	Clinical Education 1	PO1CE1	5
1	Health and Human Behaviour 1	PH1HB1	10
1	Human Anatomy and Physiology	HB11APH	15

1	Introduction to P&O Clinical Practice	PO1CP1	5
1	Introduction to P&O Laboratory	PO1PA1	5
1	Introduction to Prosthetics	PO1PT1	10
1	Materials	HB11BMT	10
2	Biomechanics of Human Movement	HB12BHM	10
2	Anatomy: upper limb, lower limb and foot	HB12ALB	15
2	Health and Australian Society	PH1HAS	5
2	Human Body Function	HB12HBF	10
2	Introduction to Applied Orthotics	PO1OA2	10
2	Introduction to Orthotic Theory	PO1OT2	10

**Second year**

1	Applied Lower Limb Orthotics 1	PO2OA1	15
1	General Pathology	HB21PAG	5
1	Neurosciences A	HB21NEU	5
1	One elective		5
1	Orthotic Management of Fractures	PO2OF1	10
1	Patient Evaluation	PO2CP1	10
1	Theory of Lower Limb Orthotics 1	PO2OT1	10
2	Applied Lower Limb Orthotics 2	PO2OA2	15
2	Clinical Education 2	PO2CE2	10
2	Prosthetic and Orthotic Management <sup>1,2</sup>	PO2AM2	10
2	Research Methods in Health 1	PH1RMH	5
2	Spinal Orthotics <sup>1,2</sup>	PO2OS2	10
2	Theory of Lower Limb Orthotics 2	PO2OT2	10
2	Upper Limb Orthotics <sup>1</sup>	PO2OU2	10
2	Upper Limb Prosthetics <sup>1</sup>	PO2PU2	10

**Third year**

1	Research Methods in Health 2	PH2RMH	5
1	Applied Transtibial Prosthetics	PO3PA1	15
1	Electives		15
1	P&O Evaluation and Design	PO3ED1	5
1	Prescription Principles	PO3CP1	10
1	Theory of Prosthetics 1	PO3PT1	10
2	Applied Transfemoral Prosthetics	PO3PA2	15
2	P&O Independent Study Project	PO3IS2	15
2	Prosthetic & Orthotic Management <sup>1,2</sup>	PO3AM2	10
2	Spinal Orthotics <sup>1,2</sup>	PO3OS2	10
2	Theory of Prosthetics 2	PO3PT2	10
2	Upper Limb Orthotics <sup>1</sup>	PO3OU2	10
2	Upper Limb Prosthetics <sup>1</sup>	PO3PU2	10

**Fourth year (Pass degree)**

1	Clinical Education 4	PO4CE1	60
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Key: <sup>1</sup> From 2000, the combination of PO2OU2, PO2PU2, PO3OU2 and PO3PU2 will be offered to the second and third year groups in even numbered years (eg. 2000, 2002). The combination of PO2AM2, PO2OS2, PO3AM2 and PO3OS2 will be offered to the second and third year groups in odd numbered years (eg. 2001, 2003). <sup>2</sup> Not offered in year 2000.

**Honours**

A fourth year of study at honours level provides students who have appropriate academic ability with the opportunity to continue their studies at a higher level and to develop their theoretical knowledge and research skills. The subjects listed below must be completed in the honours year.

1	P&O Literature Review	PO4LRH	30
1/2	Clinical Education H	PO4CEH	30
2	Honours Project	PO4HPH	60

**Conversion of Diploma of Applied Science (Prosthetics and Orthotics)**

Applicants with this qualification may apply for admission to the Conversion Course. Diplomates admitted to the conversion program will be required to complete the subjects listed below and may apply to study on a part time basis (50% load) over a one-year period. Note that the conversion course will be phased out after year 2002.

1	Patient Evaluation	PO2CP1	10
1	Prescription Principles	PO3CP1	10
1/2	Clinical Practice Review	PO4CP2	30
1/2	Electives		10

**Professional recognition**

Graduates are qualified to practise in Australia and a number of overseas countries and are eligible for membership of the Australian Orthotic Prosthetic Association and the International Society for Prosthetics and Orthotics.

**BACHELOR OF SOCIAL WORK – BUNDOORA, ALBURY/WODONGA, AND BENDIGO**

**Inquiries:** Bundoora (03) 9479 57815  
Albury/Wodonga (02) 6058 3802  
Bendigo (03) 5444 741

**Duration:** Four or two years

The course entitles graduates entry into the profession of social work and the degree is recognised by the Australian Association of Social Workers (AASW). Students will develop the knowledge, values and skills appropriate to understanding the needs commonly experienced by individuals, families, groups and communities and the appropriate responses for aiding personal and social adjustment.

The degree prepares students to practice in a wide range of social work roles, including direct service, research, administration and social policy and planning. Study areas include social welfare history, social work practice methodologies, socio-personal systems, community organisation, research methods, social policies and programs, laboratory work and field studies.

The curriculum of the course is based on a philosophy of social justice, and is taught within an adult-learning model. Students are encouraged to relate their relevant experiences to the theories and practice knowledge presented in the program.

**Degree requirements**

The course is offered as a four-year degree for post-VCE entry and as a two-year (graduate entry) degree for applicants with at least two years of approved tertiary study. Advanced standing may be offered to suitably qualified applicants.

**Course structure**

Students are required to undertake a course of studies equivalent to that listed below. Electives, subject to approval, may be chosen from the complete range of subjects offered on the campus where a student is enrolled. From time to time students may be required to attend some lectures and seminars in block mode and/or out of usual University hours. For the purpose of Higher Education Contribution Scheme (HECS) this course is valued at 120 credit points per year. The following course structure is that for the Bundoora campus. For the structure of courses offered at the Albury/Wodonga and Bendigo campuses refer to these campuses entries elsewhere in this *Handbook*. Descriptions of subjects comprising this course at all campuses can be found in this section or by consulting the Index of subjects at the rear of the *Handbook*.

**First year**

Sem.		Subject code	Credit points
1&2	Elective		30
1	Psychology Studies A	PSY11PSA	15
1	Social Work 1A: Introduction to social work and social welfare	SW1ISA	15
1	Sociology 1S-1: Introduction to sociology: self and community	S1S1	15
2	Psychology Studies B	PSY12PSB	15
2	Social Work 1B: Structural bases of poverty and inequality	SW1SPI	15
2	Sociology 1S-2: Introduction to sociology: Australia and beyond	S1S2	15

**Second year**

1&2	Elective <sup>1</sup>		40
1	Social Work 2A: Individual and Social Contexts of Social Work Practice	SW2ISP	20
1	Social Work 2B: Helping Professions and Social Work	SW2HPS	10
1/2	Sociology 2MSR: Introduction to social research methods (or equivalent)	S2MSR	20
2	Social Work 2C: Organisational Contexts and the Diversity of Social Work Practice	SW2OCD	20
2	Social Work 2D: Applied Social Work Research	SW2SWR	10

**Third year**

1	Elective <sup>2</sup>		20
1	Social Work 3A: Conceptualisations of social work and social welfare <sup>3</sup>	SW3CSW	20
1	Social Work 3B: Social work practice with individuals, families and groups	SW3IFG	20

1	Social Work 3C: Social work practice in social development and policy contexts	SW3SDP	20
2	Social Work 3D: Social work practice in legal, ethical and rights contexts	SW3LER	20
2	Social Work 3E: Social work practice specialisations	SW3SWS	20
2	Social Work 3F: Social work practicum 1	SW3FWP	20

#### Fourth year

1&2	Fields of Practice 2	15622	30
1&2	Knowledge for Practice 2	15621	30
1&2	Social Work Field Education 2	15623	30
1&2	Social Work Theory & Practice 2	15620	30

Key: <sup>1</sup>Bendigo students undertake three electives (15CPs each).

<sup>2</sup>Four year students only. <sup>3</sup>Two year (graduate entry) students only.

For full subject description, please refer to the Index of subjects located at the back of the Handbook.

### BACHELOR OF SPEECH PATHOLOGY - BUNDOORA

**Inquiries:** (03) 9479 1940

**Duration:** Four years

This program provides prospective speech pathologists with a broad-based knowledge of normal development, the anatomy and function of the human body, causes and types of communication and swallowing disorders and prevention and treatment strategies for communication and swallowing problems. The growth of the profession calls for speech pathologists with alert, critical minds and the ability to conduct systematic investigations into human communication problems.

Clinical experience comprises a major component of the program and is gained at the La Trobe Communication Clinic, on the Bundoora campus and through external clinical placements in hospitals, schools, rehabilitation centres, community health centres, early childhood centres, private practice and specialised settings such as those for people with hearing impairment, cerebral palsy and intellectual disability. Students are expected to attend clinical tutorials associated with teaching clinics beyond scheduled teaching hours and must be prepared to undertake clinical placements during University vacation periods.

Students must meet travel and accommodation costs associated with clinical practice and must be prepared to undertake some country Victorian placements. Second, third and fourth-year students may find it necessary to have a small amount of clinical equipment for use in treatments. Approximately \$600 should be allowed for this each year. Students are required to provide a number of audio and video tapes and computer disks for their own use and may need a white coat for use in certain hospital clinics and in laboratory classes.

Some courses/clinical experiences require students to have good hearing acuity and clear speech. Each year, all new students are offered an assessment of their speech, language and hearing. Advice is offered to students with a speech, language or hearing problem and relevant treatment is strongly recommended, but is ultimately the student's responsibility. Students are strongly advised to be vaccinated against tuberculosis, hepatitis B, rubella, poliomyelitis, diphtheria and tetanus.

#### Admission requirements

The School offers an advanced standing program for licentiates holding the LACST qualification, who wish to enter the Bachelor of Speech Pathology Course. Advanced standing may be negotiated for students holding other qualifications. Advanced standing students are required to successfully complete certain core subjects and their chosen combination of speech pathology options.

#### Degree requirements

This is a four-year, full-time course with provision for part-time study in the first three years and a nine-year maximum completion time. The course demands a high level of English communication skills and students are expected to be able to relate proficiently and spontaneously in a variety of contexts. Performance is assessed in several ways, including written and oral examinations, assignment, multiple choice test and/or seminar presentation. Clinical skills are assessed during observation of mandatory clinical placements.

#### Course structure

The curriculum and individual subjects listed below are subject to alteration.

#### First year

Sem.		Subject code	Credit points
1	Developmental Processes in Language	PH1DPL	15
1	Health and Human Behaviour	PH1HB1	10
1	Human Physiology and Anatomy	HB11APH	15
1	Language Analysis	HC1LAN	10
1&2	Introduction to Communication Disorders and Professional Practice	HC1CPI	15
2	Introduction to Phonetics	HC1IPH	10
2	Anatomy: Speech and Hearing	HB12ASH	5
2	Health and Australian Society	PH1HAS	5
2	Human Body Function	HB12HBF	10
2	Language Development	HC1LAD	15
2	Research Methods in Health 1	PH1RMH	5
2	Sound and Communication	HC1SAC	5

#### Second year

1	Basic Audiology	HC2AUD	5
1	Disorders of Language and Phonology	HC2DLP	20
1	Neurosciences A	HB21NEU	5
1	Research Methods in Health 2	PH2RMH	5
1&2	Developmental Disorders Clinic and Peer Learning Experience	HC2DDP	20
1&2	Hearing Screening Clinic	HC2HSC	5
1&2	Professional Practice and Clinical Problem Solving	HC2CP2	15
2	Disorders of Speech and Swallowing	HC2DSS	20
2	Disorders of Voice and Laryngectomy Rehabilitation	HC2DVL	15
2	Interpersonal Processes	PH2INP	5
1/2	Elective(s)		5

#### Third year

1	Aphasia	HC3APH	20
1	Central Nervous System Disorders and Human Behaviour	PH3CND	5
1	Psychiatric Disorders in HealthCare	PH3PDH	5
1	Research Design & Analysis	PH3RDA	5
1&2	Communication Intensive Clinic <sup>1</sup>	HC3CIN	30
2	Augmentative and Alternative Communication	HC3AAC	5
2	Auditory-Visual Rehabilitation	HC3AUR	10
2	Research Design for Communication Disorders <sup>2,3</sup>	HC3RDC	5
2	Stuttering	HC3STU	15
2	Therapeutic Processes	HC3CP3	15
1/2	Elective(s)		10

Students cannot progress to fourth year without completing all third-year subjects.

#### Fourth year

1&2	Acquired Disorders and Dysphagia Clinic	HC4ADDC	35
1&2	Specialist Clinics <sup>1</sup>	HC4SPC	55
1&2	Developmental Disorders Clinic and Clinic Management Experience <sup>1</sup>	HC4DDCM	20
1&2	Specialist Clinics - Honours	HC4SPH	50
1&2	Investigative Project <sup>2</sup>	HC4INV	50
1&2	Professional Issues	HC4CP4	10

Key: <sup>1</sup> These subjects are under discussion for minor revision. <sup>2</sup> Honours only. <sup>3</sup> Can be a pass degree elective. Counts in lieu of elective for Honours students.

#### Electives

Electives must be a minimum of 26 hours each and may be taken in any year from any faculty, subject to approval. Students who have studied at tertiary level elsewhere or who have other relevant studies may be eligible to use this as their free electives, providing they meet the criteria. The School offers the following electives subject to sufficient student enrolments. Students are required to take 15 credit points of free electives.

Sem.		Subject code	Credit Points
1	AUSLAN 1-1	HC1AN1	15
1	AUSLAN 2-1	HC2AN1	20
1	AUSLAN 3-1	HC3AN1	20
1/2	Communicating with people with Serious Communication Difficulties <sup>1</sup>	HC2CWP	5



1/2	Communication Disorders: an introduction <sup>1</sup>	HC2CDI	5
1/2	Computer Applications to Clinical Sciences	HC2CAP	5
1/2	Effective Communication for the Successful Professional	HC2ECS	15
1/2	Seminars in Communication and its Disorders	HC2SEM	5
2	AUSLAN 1-2	HC1AN2	15
2	AUSLAN 2-2	HC2AN2	20
2	AUSLAN 3-2	HC3AN2	20
2	Research Design for Communication Disorders	HC3RDC	5

Key: <sup>1</sup> Not available in 2000.

### Professional recognition

Graduates of the Bachelor of Speech Pathology are normally eligible for membership of the Speech Pathology Association of Australia and able to work in several overseas countries after completing certain requirements.

### Honours program

Students who have successfully completed the first three years of the course may be invited to participate in the honours program. To participate, a student must normally have obtained a B grade average or higher across all second and third-year subjects offered by HCS and in PH3RDA and HC3RDC or their equivalents and have completed all previous course-work in the minimum time.

Students who have undertaken supplementary or repeat examinations are not normally eligible. The honours program takes place concurrently with the normal requirements of fourth year, but honours students must also take HC4INV.

### BACHELOR OF WELFARE PRACTICE – ALBURY/WODONGA

**Inquiries:** (02) 6058 3802

For course outline please refer to the Albury/Wodonga entry in this *Handbook*. Subject descriptions are found in this section of the *Handbook*. Please refer to the Index of subjects.

**Diploma in Welfare Studies - Albury/Wodonga (Continuing students only)**

**Inquiries:** (02) 6058 3802

For course outline please refer to the Albury/Wodonga entry in this *Handbook*. Subject descriptions are found in this section of the *Handbook*. Please refer to the Index of subjects.

### Faculty Electives

The following electives are available to students who meet the relevant prerequisites.

Sem.		Subject code	Credit points
1	AUSLAN 1-1	HC1AN1	15
1	AUSLAN 2-1	HC2AN1	20
1	AUSLAN 3-1	HC3AN1	20
1	Drugs in Sport	HB3DIS	15
1	Health Promoting Palliative Care A	PH3PCA	10
1	Health Promoting Palliative Care B	PH3PCB	15
1	Introduction to Gerontology	PH3IG2	15
1	Introduction to Gerontology	PH3IG1	10
1	Living with Disability in the Australian Community	PH3LD1	10
1	Living with Disability in the Australian Community	PH3LD2	15
1	Prosthetic and Orthotic Gait Analysis	PO3GA1	10
1	Sport and Exercise Psychology B	PT3SPB	15
1	Studies in Public Health	PH2SPH	20
1/2	Computer Applications to Clinical Sciences	HC2CAP	5
1/2	Effective Communication for the Successful Professional	HC2ECS	15
1/2	Introduction to Massage	PT800	5
1/2	Principles and Practice of Public Speaking	PH3PPS	10
2	AUSLAN 1-2	HC1AN2	15
2	AUSLAN 2-2	HC2AN2	20
2	AUSLAN 3-2	HC3AN2	20
2	Behavioural Health Sciences for Nutrition Studies	PH1BHN	15

2	Current Issues in Quality Management	PH3CQM	10
2	Death, Dying and Grief A	PH3DDA	10
2	Death, Dying and Grief B	PH3ddb	15
2	Drug Use and Addictive Behaviour 1	PH3DU1	10
2	Drug Use and Addictive Behaviour 2	PH3DU2	15
2	Drugs in Use	HB371	15
2	Health Informatics for Clinical Practice	PH3HIC	5
2	Professional Issues for Health Information Managers	HM3PIH	10
2	Psychosocial Perspective's of Health and Illness	PH3PPH	10
2	Technology and Health	PH1TH2	15
2	The Social Context of AIDS 1	PH3CA1	10
2	The Social Context of AIDS 2	PH3CA2	15
2	Topics in Pathophysiology	HB421	15
S	Reproductive and Sexual Health	HB324	10
S	Reproductive Health	HB525	15
W	Fertility, Reproductive Technology and Society 1	HB22FS1	10
W	Fertility, Reproductive Technology and Society 1	HB32FS1	10
W/2	Fertility, Reproductive Technology and Society 2	HB22FS2	15
W/2	Fertility, Reproductive Technology and Society 2	HB32FS1	15

The subjects described below are presented in alphabetical order of their subject names within year level according to the School of offering. For the location of subjects descriptions, see the Index of Subjects at the back of the Handbook. Information regarding subjects was accurate at the time of publication but not all subjects will be offered every year. Semesters of offer are subject to change. Preliminary and Prescribed reading is shown. Students should not purchase books until advised by the School concerned. Information on recommended reading will be provided at the beginning of classes (where applicable). Assessment is subject to the Head of School's advice for all subjects.

### Subject Descriptions

The following subject descriptions are listed under the school which offers them, in alphabetical order by year level.

### Human Biosciences

#### General subjects

##### First year:

#### ANATOMY: LOWER AND UPPER LIMBS (10 CPs. Sem. II. Bu.)

**HB12ALU** Dr Robyn Anker

Two (of three) modules of approximately four weeks each are taught. Module 1 covers the regional anatomy of the lower limb from the pelvic girdle to the foot (considering the foot simply as a platform supporting the limb). Module 3 covers upper limb from the pectoral girdle to the hand (including the role of the hand in grasp). Emphasis is placed on the application of anatomical principles (first met in HB11APH) in order to correlate structure with function in developing an understanding of the anatomical bases of everyday activities. Lectures will be supported by practical sessions, including surface anatomy, examination of appropriate cadaver specimens and computer aided learning activities.

*Co-requisite:* HB11APH.

*Class requirements:* four 1-hour lectures and one 2-hour practical class per week for the duration of each module.

*Assessment:* two short tests in practical classes (10%), two 2-page assignments (10%), and one 2-hour written examination at the end of semester (80%). Hurdle requirement: student participation in all components of the assessment.

#### Prescribed reading:

*Student manual*

*and*

Moore, K. L., and Dalley, A. F. *Clinically oriented anatomy*, 4th edn, Williams & Wilkins 1999

*or*

Snell, R. S., *Clinical anatomy for medical students*, 5th edn, Little Brown & Co 1995.

#### ANATOMY: LOWER LIMB AND FOOT (10 CPs. Sem. II. Bu.)

**HB12ALF** Mr James Wickham

Two consecutive modules of approximately four weeks each are taught. Module 1 covers the regional anatomy of the lower limb from the pelvic girdle to the foot. Module 2 covers the detailed anatomy of

the foot and its function, particularly relating to the role of the joints, intrinsic musculature and fascia in weight bearing. Emphasis is placed on the application of anatomical principles (first met in HB11APH) in order to correlate structure with function in developing an understanding of the anatomical bases of everyday activities. Lectures will be supported by practical sessions, including surface anatomy, examination of appropriate cadaver specimens and computer aided learning activities.

**Co-requisite:** HB11APH.

**Class requirements:** four 1-hour lectures and one 2-hour practical class per week for the duration of each module.

**Assessment:** two short tests in practical classes (10%), two 2-page assignments (10%), and one 2-hour written examination at the end of semester (80%). Hurdle requirement: participation in all components of the assessment.

**Prescribed reading:**

*Student manual*  
and

Snell, R. S., *Clinical anatomy for medical students*, 5th edn, Little Brown & Co 1995

or

Moore, K. L., and Dalley, A. F. *Clinically oriented anatomy*, 4th edn., Williams & Wilkins 1999.

**ANATOMY: organs (5 CPs. Sem. II. Bu., Aw.) HB12AON/WBH12AON**

**Bu:** Dr Sherrie Wentworth. **Aw:** Dr Charu Mishra

The principles of anatomy begun in HB11API will be developed and applied to the location and physical relationships between major organ systems of the head and trunk. Emphasis will be placed on cardiovascular, respiratory, digestive, renal and reproductive systems, paralleling the functional approach to these in HB12HBF. Lectures will be supported by practical sessions, including surface anatomy and examination of cadaver specimens.

**Co-requisite:** HB11API, HB12HBF.

**Class requirements:** 18 1-hour lectures and four 2-hour practical classes per semester.

**Assessment:** two practical tests (10 minutes) in practical classes (10% total), one 500-word assignment (20%) and one 1-hour written examination (70%).

**Prescribed reading:**

*Student manual*

McMinn, R. M. H., Gaddum-Rosse, P. Hutchings, R. T. and Logan B. M., *McMinn's functional and clinical anatomy*, Mosby 1995.

**ANATOMY: speech and hearing (5 CPs. Sem. II. Bu.) HB12ASH Dr Pat Bingham**

Builds on the anatomical principles introduced in HB11APH and applies them to those regions of the head and neck required for understanding of speech and hearing processes. Principal topic areas covered include the functional anatomy of the ear, skeleton and soft tissues of the face, boundaries, contents and functions of the oral, nasal and pharyngeal cavities, structure and function of the larynx and an overview of the interrelationships of these areas in the speech process. Lectures will be accompanied by practical classes involving investigation of cadaver material, group discussions and computer aided learning activities.

**Co-requisite:** HB11APH.

**Class requirements:** eighteen 1-hour lectures and four 2-hour practical classes.

**Assessment:** two short tests in practical classes (10%), one take-home assignment (10%) and one 2-hour written examination at the end of semester (80%). Hurdle requirement: participation in all components of the assessment.

**Prescribed reading:**

*Student manual*

Palmer, J. M., *Anatomy for speech and hearing*, 4th edn, Williams & Wilkins 1993.

**ANATOMY: upper limb, lower limb and foot (15 CPs. Sem. II. Bu.)**

**HB12ALB Mr James Wickham**

Three modules of approximately four weeks each are taught. Module 1 covers the regional anatomy of the lower limb from the pelvic girdle to the foot. Module 2 covers the detailed anatomy of the foot and its function, particularly relating to the role of the joints, intrinsic musculature and fascia in weight bearing. Module 3 covers upper limb from the pectoral girdle to the hand (including the role of the hand in grasp). Emphasis is placed on the application of anatomical principles (first met in HB11APH) in order to correlate structure with function in developing an understanding of the anatomical bases of everyday activities. Lectures will be supported by practical sessions

including surface anatomy, examination of appropriate cadaver specimens and computer aided learning activities.

**Co-requisite:** HB11APH.

**Class requirements:** four 1-hour lectures and one 2-hour practical class per week for the duration of each module.

**Assessment:** three short tests in practical classes (15%), three 2-page assignments (15%), and one 2-hour written examination at the end of semester (70%). Hurdle requirement: participation in all components of the assessment.

**Prescribed reading:**

*Student manual*

and either:

Snell, R. S. *Clinical anatomy for medical students*, 5th edn, Little Brown & Co 1995

or

Moore, K. L., and Dalley, A. F. *Clinically oriented anatomy*, 4th edn, Williams & Wilkins 1999.

**BIOMECHANICS OF HUMAN MOVEMENT (10 CPs. Sem. II. Bu.)**

**HB12BHM Mr David Orr**

Students develop an overview of the biomechanical analysis of human movement. Emphasis is placed on the biomechanics of human gait. The areas of kinematics, kinetics, muscle mechanics and energetics are covered. This subject presents an integration of mechanical, physiological and anatomical concepts and principles and their application to the biomechanics of human movement. Students who wish to enrol in this subject must gain permission from the subject coordinator.

**Class requirements:** two 1-hour lectures per week, one 1-hour tutorial per week and seven 2-hour practical classes over the semester.

**Assessment:** one 2.5-hour written examination at the end of the semester (80%) and seven combined laboratory reports and practical tests (20%).

**BIOPHYSICAL BASIS OF ELECTROTHERAPY (5 CPs. Sem. II. Bu.)**

**HB12BBE Mr Alex Ward**

Covers the areas of electricity, electric and magnetic fields, sound and electromagnetic waves and their effect on biological tissues. It is intended as fundamental background and preparation for electrotherapy as studied by physiotherapy students. The subject is divided into two topics. Electricity includes the principles and production of pulsed and alternating current, as background for transcutaneous electrical stimulation. Fields and waves includes the production of electric and magnetic fields and sound and electromagnetic waves and their effects on tissue.

**Class requirements:** one 1-hour lecture, one 1-hour tutorial per week and one 2-hour practical class per week for three weeks.

**Assessment:** one 2-hour written examination at the end of the semester (80%), three laboratory reports (10%) and three practical tests (10%).

**HUMAN ANATOMY AND PHYSIOLOGY (15 CPs. Sem. I. Bu.)**

**HB11APH Dr Sherrie Wentworth and Dr Susan Malcolm**

Introduces basic concepts and principles in human anatomy and physiology in preparation for more advanced studies in these disciplines and emphasises the relationship between structure and function. Topics include characteristics of typical cells and tissues, relationships of tissues and organs and organ systems and anatomy and physiology of musculoskeletal and nervous systems. Gross anatomical concepts are exemplified by study of the axial skeleton and associated soft tissues. Lectures are supported by practical classes, including examination of cadaver material.

**Class requirements:** four 1-hour lectures per week with five 2-hour practical classes and three 1-hour tutorial/workshops per semester.

**Assessment:** three short tests in practical classes (15%), one 2-page diagram-based assignment (5%) and one 3-hour examination (80%). Hurdle requirement: participation in all components of the assessment.

**Prescribed reading:**

*Student manual*

and

Marieb, E. N. *Human anatomy and physiology*, 4th edn, Benjamin Cummings Publishing Co., California 1998.

or

Marieb, E. N. *Essentials of Human Anatomy and Physiology*, 5th edn, Benjamin Cummings Publishing Co., California 1998.

**HUMAN BODY FUNCTION (10 CPs. Sem. II. Bu., Aw.)****HB12HBF/WHB12HBF** Bu: Ms J. McCooey; Aw: Dr C. Mishra

Understanding of the functioning human body, introduced in semester one is extended. Begins with an overview of how the endocrine system contributes to regulation of body functioning and hence to homeostasis. Descriptions of selected hormones and their functions illustrate the general principles. Most of the subject is devoted to the study of body systems, including the cardiovascular system, respiratory system, renal system, digestive system and metabolism, reproductive system. Interactions between the systems to meet challenges to normal functioning imposed by changes within and external to the body are discussed. Concludes by considering changes in body functioning with development from a neonate to a very old person.

**Co-requisite:** HB11API or HB11APH or HB11HFU.**Class requirements:** four 1-hour lectures and one 1-hour tutorial (voluntary attendance) per week.**Assessment:** one 40-minute written examination mid-semester (15%) and one 2-hour examination at the end of semester (85%).**Prescribed reading:**

Marieb, E., *Human anatomy and physiology*, 4th edn, Benjamin Cummings Publishing Co., California, 1998,

or

Marieb, E., *Essentials of Human Anatomy and Physiology*, 5th edn, Benjamin Cummings Publishing Co., California, 1997.

**INTRODUCTION TO HUMAN FUNCTION (5 CPs. Sem. I. Bu.)****HB11HFU** Dr Susan Malcolm

Provides an introduction to the way in which the human body functions. Body function will be examined from the cellular level to that of coordinated body systems. The concept of homeostasis and mechanisms for achieving it will entail an examination of the nervous system. Features of excitable tissues, nerves and muscles, will also be studied. The nature of the body boundaries, separating the body from the external environment and the means by which microbes are prevented from entering the body's fluids will be introduced.

**Incompatible subjects:** HB11API, HB11APH.**Class requirements:** two 1-hour lectures per week.**Assessment:** one 2-hour written examination at the end of semester (90%), one take-home test (5%) and one take home test (5%)**Prescribed reading:**

Marieb, E., *Human anatomy and physiology*, 4th edn, Benjamin Cummings Publishing Co. California, 1998

or

Marieb, E., *Essentials of Human Anatomy and Physiology*, 5th edn, Benjamin Cummings Publishing Co., California, 1997.

**INTRODUCTION TO THE HUMAN BODY (15 CPs. Sem. I. Bu., Aw.)****HB11API/WHB11API** Bu: Dr Sherrie Wentworth and Dr Susan Malcolm. Aw: Dr Charu Mishra

Introduces basic concepts and principles in human anatomy and physiology and emphasises the relationship between structure and function. Topics covered include characteristics of typical cells and tissues and the relationship of tissues to organs and organ systems. An overview of major body systems is presented, together with discussion of their interrelationships in terms of intercellular communication, feedback controls and homeostasis. Gross anatomical concepts are exemplified by study of the axial skeleton and associated soft tissues. Lectures are supported by practical classes, including examination of cadaver material and workshops and tutorials.

**Class requirements:** three 1-hour lectures each week and four 2-hour practical classes and five 1-hour tutorial/workshops over the semester.**Assessment:** two short tests in practical classes (10%), one 2-page diagram-based assignment (10%) one 500-word assignment (10%) and one 3-hour written examination at the end of the semester (70%). Hurdle requirement: participation in all components of the assessment.**Prescribed reading:**

*Student manual*  
and

Marieb, E. N., *Human anatomy and physiology*, 4th edn, Benjamin Cummings Publishing Co., 1998

or

Marieb, E., *Essentials of Human Anatomy and Physiology*, 5th edn, Benjamin Cummings Publishing Co., California, 1997.

**MATERIALS (10 CPs. Sem. I. Bu.) HB11BMT** Mr David Orr

Examines the chemical, physical and mechanical properties of some metals, polymers, ceramics, adhesives and abrasives used in the fabrication of orthotic and prosthetic devices. Mechanical aspects of the use of fibre composites are discussed. Students enrolled in the Bachelor of Physiotherapy, Bachelor of Podiatry and Bachelor of Prosthetics and Orthotics will be given priority in order to meet the elective requirements of the course. Students who wish to enrol in this subject are to gain permission from the subject coordinator.

**Class requirements:** twenty-eight hours of lectures, twelve 1-hour tutorials and six 2-hour practical classes per semester.**Assessment:** 2.5-hour written examination at the end of the semester (80%) and six laboratory reports and practical tests (20%).**REGULATION OF HUMAN BODY FUNCTION (15 CPs. Sem. II. Bu.)****HB12HRB** Professor Christopher Handley and Ms Pamela Miller

Organisation of living cells, including the comparison between procaryotic and eucaryotic cells is described. The understanding of cellular and tissue metabolism to cover aspects of the integration and regulation of metabolism will be extended. Organisation, expression and the role of genes in cell and tissue biology will be described, as well as a consideration of the mechanism of protein synthesis in mammalian cells. The anatomy and physiology of reproduction, including aspects of development and how the brain and nervous system integrate and regulate body function will be described as examples of integrative processes within the body.

**Co-requisite:** HB11API.**Class requirements:** four 1-hour lectures and one 2-hour practical class per week.**Assessment:** one 3-hour written examination (80%) and practical classes (20% total).**PHYSIOLOGY 1 (15 CPs. Sem. I. Bu.) HB11PP1** Mr Alex Ward

A study of cell biology is followed by connective tissue, nerve and muscle physiology, the endocrine system, reproduction. Cell biology covers the areas of cell structure and function, biological molecules, cellular metabolism, membrane structure and transport and cell-to-cell communication. Principles of endocrinology are introduced as an example of intercellular and inter-organ communication and control. The excitability of nerve and muscle cells is described in biomolecular terms and this is followed by nerve and muscle physiology. Emphasis is placed on the principles of homeostasis as preparation for a more detailed study of the organ systems in HB21PP2. **Class requirements:** four 1-hour lectures each week plus one 1-hour tutorial and one 2-hour practical class per week for seven weeks, over the semester.

**Assessment:** one 3-hour written examination (80%) and seven short tests in practical classes (20%).**Prescribed reading:**

Vander A. J., Sherman J. H. and Luciano D. S., *Human physiology*, 6th edn, McGraw-Hill 1994.

**Second year****ANATOMY: LOWER LIMB (20 CPs. Sem. I. Bu.) HB21ALL** Dr

Pat Bingham

Anatomical principles of bones, joints, skeletal muscles, nerves, vessels, skin and the mechanics of connective tissues will be introduced. These principles will be applied to regional anatomy of the lower limb. Embryological development and histology relevant to an understanding of the gross anatomy will be covered in each region. Lectures will be supported by practical classes, including surface anatomy, examination of appropriate cadaver, histological and radiographic materials and computer aided learning activities. Emphasis is placed on the application of anatomical principles to correlate structure with function in developing an understanding of the bases of everyday activities and related clinical problems.

**Prerequisite:** Pass of 60C in HB11API (Bachelor of Health Science students). Bachelor of Science students must achieve a grade of C for BIO11OF or equivalent and a grade average of C in first year. Bachelor of Science-Medical Science students are exempted.

**Class requirements:** three 1-hour lectures, one 1-hour practical and one 2-hour practical class per week.**Assessment:** five practical tests (20%), one 3-hour written examination at the end of the semester (75%) and one 10-minute demonstration in a practical class during the semester (5%). Hurdle requirement: participation in all components of the assessment.**Prescribed reading:**

*Student manual*  
Rosse, C. and Gaddum-Ross, P., *Hollinshead's textbook of anatomy*, 5th edn, Lippincott-Raven 1997.

**ANATOMY: TRUNK AND UPPER LIMB (20 CPs. Sem. II. Bu.)**

**HB22ATL** Dr Pat Bingham

Anatomical principles of bones, joints, skeletal muscles, nerves, vessels, skin and the mechanics of connective tissues are applied to regional anatomy of the trunk and upper limb. Embryological development and histology relevant to an understanding of the gross anatomy will be covered in each region. Lectures will be supported by practical classes, including surface anatomy, examination of appropriate cadavers, histological and radiographic materials and computer aided learning activities. Emphasis is placed on the application of anatomical principles to correlate structure with function in developing an understanding of the bases of everyday activities and related clinical problems.

**Co-requisite:** HB21ALL.

**Class requirements:** three 1-hour lectures, one 1-hour practical and one 2-hour practical class per week.

**Assessment:** five practical tests (20%), one 3-hour written examination at the end of the semester (70%) and one 20-minute seminar presentation (10%) during the semester. Hurdle requirement: participation in all components of the assessment.

**Prescribed reading:**

Student manual

Rosse, C. and Gaddum-Rosse, P., *Hollinshead's textbook of anatomy* 5th edn, Lippincott-Raven 1997.

**BRAIN AND PERCEPTION IN ORIENTATION AND MOBILITY (20 CPs. Sem. I. Bu.)**

**HB28BPM** Dr D. Rogers and Dr M. Schwartz

This subject consists of two components, (i) Brain Function and (ii) Perception. In the first component the functional anatomy of the central nervous system and its blood supply are presented. The neural connections and physiological processes involved in movement and sensation are emphasised and the effects of lesions to different components of the motor and sensory system are discussed. Neural plasticity and potential systems for recovery of function following nervous system damage are considered. In the second component, perception and its relationship to action is discussed from the ecological perspective. The subject examines visual, auditory and haptic perception and recent research that is directly or indirectly relevant to spatial perception and to visual impairment. The research literature on problems in spatial awareness and mobility generated by visual impairment are discussed.

**Prerequisite:** HB11API, HB12HRB, PB11B1, PH11B2.

**Class requirements:** twenty three 1-hour lectures, one 3-hour practical session in the brain component and thirteen 1-hour lectures in the perception component per semester

**Assessment:** one 2-hour written examination (60%) and one 2,500-word assignment (40%).

**FERTILITY, REPRODUCTIVE TECHNOLOGY AND SOCIETY 1 (10 CPs. Sem. Winter. Bu.)**

**HB22FS1** Ms Elizabeth Brown

In this subject the biological bases of fertility and factors which contribute to infertility are discussed. Interventions for the prevention and treatment of infertility are addressed as are the implications of the interventions for both the individual and society. Psychosocial, legal and ethical factors associated with modern reproductive technology are explored.

**Pre-requisite:** HB11AP1 and HB12HRB or equivalent.

**Class Requirements:** 26 hours of lectures and tutorials.

**Assessment:** one 3,000-word assignment (100%).

**Recommended reading:**

Eds: Keye, W. R., Chang, R. J., Rebar, R. W., and Soules, M. R.

*Infertility: evaluation and treatment*, W. B. Saunders Co., 1995

**FERTILITY, REPRODUCTIVE TECHNOLOGY AND SOCIETY 2 (15CPs. Sem. II or W. Bu.)**

**HB22FS2** Ms Elizabeth Brown

In this subject the biological bases of fertility and factors which contribute to infertility are discussed. Interventions for the prevention and treatment of infertility are addressed as are the implications of these interventions for both the individual and society. Psychosocial, legal and ethical factors associated with modern reproductive technology are explored.

**Prerequisite:** HB11AP1 and HB12HRB or equivalent.

**Class Requirements:** 26 hours of lectures, 5 hours of tutorials and 8 hours of seminars per semester (26 hours in the inter-semester break plus 1 hour per week during semester 2 for winter students).

**Assessment:** one 3,000-word assignment (50%) and one 15 minute class presentation with one 1,000-word written summary (50%).

**Recommended reading:**

Eds: Keye, W. R., Chang, R. J., Rebar, R. W. and Soules, M. R.

*Infertility: evaluation and treatment*, W. B. Saunders Co., 1995

**GENERAL PATHOLOGY (5 CPs. Sem. I. Bu., Aw.)**

**HB21PAG/WHB12PAG** Bu: Mr Robert Paine. Aw: Dr C. Mishra

Provides the student with the fundamental principles and concepts of disease. Emphasis is placed on general pathological processes in diseases, including inflammation, healing, neoplasia and circulatory disorders. Some specific pathological conditions of the body systems, (eg, respiratory and joint disorders) will be used as examples and integrated into discussions of general pathology.

**Prerequisite:** an approved human physiology subject.

**Class requirements:** two 1-hour lectures and tutorials for the semester.

**Assessment:** one written multiple choice test mid-semester (20%) and one 2-hour written examination (80%) at the end of the semester.

**HUMAN PHYSIOLOGY A (20 CPs. Sem. I. Bu.)**

**HB21HPA** Dr Johannes Schuijers

Systemic physiology study includes homeostasis, the peripheral nervous system (autonomic, somatic and special senses), the muscular system cardiovascular system and principles of endocrinology. Lectures will be supported by a comprehensive practical and tutorial or workshop program.

**Prerequisite:** students must have attained a grade of at least 60C in HB11API (Bachelor of Health Science). Bachelor of Sciences students must achieve a grade of at least 60% in BIO11OF or equivalent, and attained a grade average of C for first year.

**Co-requisite:** HB22HPB.

**Class requirements:** three 1-hour lectures, three hours of practical work and one 1-hour tutorial per week.

**Assessment:** two 500-word practical reports (20%), eight multiple choice practical tests at the conclusion of relevant practical classes (10%), and one 3-hour written examination (70%).

**Prescribed reading:**

Sherwood, L., *Human Physiology*, 3rd edn, Wadsworth 1997

or

Vander, A. J., Sherman, J. H. and Luciano, D. S., *Human physiology* 7th edn, McGraw-Hill 1998.

**HUMAN PHYSIOLOGY B (20 CPs. Sem. II. Bu.)**

**HB22HPB** Dr Johannes Schuijers

This continues the study of physiology from HB21HPA. Lectures will address the physiology of body systems and include the central nervous system respiratory, renal and digestive systems and the function of selected connective tissues. Principles of general pathophysiology will be presented. The lectures will also be supported by a comprehensive practical and tutorial or workshop program.

**Co-requisite:** HB21HPA or equivalent.

**Class requirements:** three 1-hour lectures, three hours of practical work and one 1-hour tutorial per week.

**Assessment:** two 500-word practical reports (20%) and eight multiple choice practical tests at the conclusion of relevant practical classes (10%), and one 3-hour written examination (70%).

**Prescribed reading:**

Sherwood, L., *Human Physiology*, 3rd edn, Wadsworth 1997

or

Vander, A. J., Sherman, J. H. and Luciano, D. S., *Human physiology*, 7th edn, McGraw-Hill, 1998.

**NEUROSCIENCES A (5 CPs. Sem. I. Bu.)**

**HB21NEU** Dr Doug Rogers

The functional anatomy of the central nervous system and its blood supply are presented. The neural connections and physiological process involved in movement and sensation are emphasised and the effects of lesions to different components of the motor and sensory systems discussed. Neural plasticity and the potential mechanisms for recovery of function following nervous system damage are considered.

**Prerequisite:** HB12HBF.

**Class requirements:** 23 hours of lectures and three hours of practical sessions per semester.

**Assessment:** one 2-hour written examination at the end of the semester (100%).

**NEUROSCIENCE OF SENSATION AND MOVEMENT (5CPs. Sem. II. Bu.)**

**HB22NSM** Dr Doug Rogers

In this subject the neural connections and physiological process involved in movement and sensation are presented and the effects of lesions to different components of the motor and sensory systems are discussed. Somatic sensation, vision and vestibular function are emphasised in the consideration of sensation. The contributions to motor control of cortical areas, basal ganglia, cerebellum, brainstem and spinal cord are considered and the principles of human motor control and motor learning are introduced. Neural plasticity and the potential mechanisms for recovery of function following nervous system damage are considered.

**Prerequisite:** HB11PP1.

**Co-requisite:** HB21PP2, HB21PSA.

**Class requirements:** two 1-hour lectures per week and two 2-hour practical classes per semester.

**Assessment:** one 1.5-hour written examination (100%).

**Prescribed reading:**

Leonard, C. T. *The neuroscience of human movement* 1st edn, Mosby, St Louis. 1998

Vander, A. J., Sherman, J. H. and Luciano, D.S. *Human physiology* 7th edn, McGraw-Hill, Sydney. 1998.

**PATHOLOGY AND PHARMACOLOGY (10 CPs. Sem. II. Bu.) HB22PPY**  
*Dr Brian Grills*

The pathology component provides the student with the fundamental principles and concepts of pathology. Emphasis begins with general pathological processes including inflammation, healing, neoplasia, infection and cardiovascular disorders. Specific pathological conditions of the body systems, in particular, neuromuscular, joint, skeletal, respiratory and central nervous systems, will also be addressed. The pharmacology component deals with general principles of pharmacology, including drug classification, prescriptions, schedules and formulations, and basic pharmacodynamics and pharmacokinetics. These principles are applied to drug therapy of immune, inflammatory and infectious disorders and to selected aspects of systematic pharmacology such as disorders of the cardiovascular, respiratory, musculoskeletal and nervous systems. Emphasis is placed on human pharmacology, including clinical aspects such as adverse drug reactions and interactions and implications for paediatric and geriatric patients.

**Prerequisite:** HB12HPY or equivalent.

**Co-requisite:** HB21HPI.

**Class requirements:** four 1-hour lectures per week.

**Assessment:** a 3-hour written examination at the end of the semester (100%).

**PHARMACOLOGY (5 CPs. Sem. II. Bu.) HB22PHA** *Dr Bronwen Bryant*

Provides an opportunity to learn about general principles of pharmacology, including drug classification, prescriptions, and formulations, and basic pharmacodynamics and pharmacokinetics. These principles are applied to drug therapy of infectious, immune, and inflammatory disorders, and to aspects of systematic pharmacology such as drugs affecting the cardiovascular, respiratory, musculo-skeletal and nervous systems. Emphasis is placed on human pharmacology including clinical topics such as adverse drug reactions and interactions. Student groups will have the opportunity to specialise in drug groups of particular relevance, eg. anti-inflammatory, analgesics, and ocular drugs.

**Prerequisite:** an approved human physiology subject.

**Incompatible subjects:** HB22PPY, HB371.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** one 45-minute multiple choice mid-semester test (20%) and one 2-hour examination (80%).

**Prescribed reading:**

Galbraith A., Bullock S. and Manias E., *Fundamentals of pharmacology*, 2nd edn, Addison-Wesley 1997.

**PHYSIOLOGY 2 (15 CPs. Sem. I. Bu.) HB21PP2** *Dr Phil Dooley*

Continues the study of human systemic physiology from HB12PP1. It describes the histology, the physical and chemical principles and physiology of the heart, the vascular system, respiration acid-base balance renal function and bladder function. The relevant histology and physico-chemical principles are integrated with function.

**Prerequisite:** HB12HPY, HB12PP1.

**Class requirements:** three 1-hour lectures and one 2-hour practical class per week.

**Assessment:** twelve short tests in practical classes (20%) and one 3-hour examination at the end of the semester (80%).

**Prescribed reading:**

Vander A. J., Sherman J. H. and Luciano D. S., *Human physiology*, 7th edn, McGraw-Hill 1998.

HB21PP2 study guide.

**SYSTEMIC PATHOLOGY (5 CPs. Sem. II. Bu.) HB22PAS** *Mr Robert Paine*

Follows on from the study of pathological principles of disease covered in HB21PAG. Disorders of the body systems, including gastrointestinal, respiratory, renal, reproductive, endocrine, skin, sensory and nervous disorders are discussed, along with related medical topics such as paediatric and psychiatric disorders.

**Prerequisite:** HB21PAG or its equivalent.

**Class requirements:** 26 hours of lectures and tutorials for the semester.

**Assessment:** one written multiple choice mid-semester test (20%) and one 2.5-hour examination (80%).

**Third year**

**ADVANCED PHYSIOLOGY A: Cell Communication Systems And Pharmacology (30 CPs. Sem. I. Bu.) HB31APA** *Dr Andrew Bendrups*

Students explore aspects of advanced physiology, focussing on recent research findings, general physiological principles and their applications. The subject begins with the principles of cell communication and applies them in the field of pharmacology. The neural, endocrine and immune systems are then examined as complex examples of biological communication. All areas are investigated from a theoretical and practical viewpoint, including applications in the fields of pathophysiology and pharmacology.

**Prerequisite:** HB21HPA, HB22HPB.

**Class requirements:** four 1-hour lectures and two 3-hour practicals per week.

**Assessment:** one 3-hour written examination (70%), eight 300-word laboratory reports (16%), one research report (8%) and six 300-word assignments (6%).

**Prescribed reading:**

Berne, R. M. and Levy, M. N. (eds) *Physiology*, 4th edn, Mosby 1998.

**ADVANCED PHYSIOLOGY AND PATHOLOGY (5 CPs. Sem. I. Bu.)**

**HB302** *Dr Susan Malcolm and Mr Robert Paine*

Allows students to further develop their knowledge in the areas of physiology and pathology. In pathology, lecture topics may include the pathophysiology of conditions affecting the cardiovascular, respiratory, musculoskeletal and nervous systems. In physiology, lecture topics may include exercise metabolism, sport nutrition, neuro physiology and pregnancy. Laboratory classes may include investigation of pathological specimens and diet and activity analysis.

**Prerequisite:** HB21PP2, HB22PPY.

**Class requirements:** one 2-hour lecture or seminar per week.

**Assessment:** one 15-minute student seminar (100%) or one 1,500-word essay (100%). Hurdle requirements: 80% attendance.

**ADVANCED PHYSIOLOGY B: NORMAL FUNCTION, DRUGS AND DISEASE (30 CPs. Sem. II. Bu.) HB32APB** *Dr Andrew Bendrups*

Students explore aspects of advanced physiology, focussing on recent research findings, general physiological principles and their applications. The subject content is taken from a selection of major topics which include musculo-skeletal, cardiovascular, respiratory and reproductive function. All areas are investigated from a theoretical and practical viewpoint, including applications in the fields of pathophysiology and pharmacology.

**Prerequisite:** HB21HPA, HB22HPB, HB31APA.

**Class requirements:** four 1-hour lectures and two 3-hour practicals per week.

**Assessment:** one 3-hour written examination (70%), eleven 300-word laboratory reports (22%), one 5-minute seminar presentation (2%) and six 300-word assignments (6%).

**Prescribed reading:**

Berne, R. M. and Levy M. N. (eds) *Physiology*, 4th edn, Mosby, 1998.

**ANATOMY: DISSECTION PROJECT (15CPs. Sem. I. Bu.)**

**HB31ADP** *Dr Rod Green*

*Not available in 2000.*

**BIOLOGICAL BASES OF ERGONOMICS (M) (15 CPs. Sem. II. Bu.) HB32BEM** *Dr Owen Evans*

In this subject, biological principles and findings relevant to the practice of ergonomics are presented in terms of their applications to a variety of human factors and physical ergonomics issues. Topics include metabolic and cardio-respiratory capacities in relation to work performance; musculoskeletal factors in relation to force exertion; work in hot environments; occupational biomechanics and kinesiology in relation to workplace manual handling issues; musculoskeletal disorders; work rates and rest breaks; and issues related to the physical work environment including heat and vibration.

**Prerequisite:** enrolment in the Bachelor of Health Sciences or Bachelor of Occupational Therapy/Bachelor of Ergonomics, first year anatomy, physiology and behavioural science.

**Quota:** 22.

**Class requirements:** 21 hours of lectures and 21 hours of small-group laboratory sessions per semester.



Assessment: one 2,000-word written assignment (40%), reports of practical session activities (20%) and one 1-hour written examination at the end of semester (40%).

**Prescribed reading:**

Pheasant, S. *Ergonomics, Work and Health*. London: Taylor & Francis. 1991.

Chaffin, D. B. and Andersson, G. *Occupational Biomechanics*, 2<sup>nd</sup> edn, New York: Wiley 1990.

Rodahl, K. *The Physiology of Work*, London: Taylor & Francis 1989.

**BIOLOGICAL BASES OF ERGONOMICS (W) (15 CPs. Sem. II. Bu.)**

**HB32BEW** Dr Owen Evans

In this subject, biological principles and findings relevant to the practice of ergonomics are presented in terms of their applications to a variety of human factors and physical ergonomics issues. Topics include anthropometry, work postures and movements in relation to workstation design; musculoskeletal factors in relation to static loads; musculoskeletal disorders; workload and rest breaks; and issues related to the physical work environment including lighting, noise and vibration.

*Prerequisite:* enrolment in the Bachelor of Health Sciences or Bachelor of Occupational Therapy/Bachelor of Ergonomics, first year anatomy, physiology and behavioural science.

*Quota:* 22.

*Class requirements:* 21 hours of lectures and 21 hours of small-group laboratory sessions per semester.

*Assessment:* one 2,000-word written assignment (40%), reports of practical session activities (20%) and one 1-hour written examination at the end of semester (40%).

**Prescribed reading:**

Pheasant, S. *Ergonomics, Work and Health*. London: Taylor & Francis. 1991

Chaffin, D. B. and Andersson, G. *Occupational Biomechanics*, 2<sup>nd</sup> edn, New York: Wiley 1990

Rodahl, K. *The Physiology of Work*, London: Taylor & Francis 1989

**DRUGS IN SPORT (15CPs. Sem. I. Bu.) HB3DIS** Dr Bronwen Bryant

In this subject students study various aspects of the use and abuse of drugs in sport, including the pharmacology of banned drugs and doping methods, restricted/permitted substances, "social drugs", and natural hormones and techniques. Ethical, legal, and international aspects of the use of drugs in sport will be considered, and issues covered in seminars and lectures may include factors affecting drug absorption and elimination, drug testing procedures at competitions and out-of-competition, controls and sanctions, rights and responsibilities of athletes, and athletes with special needs.

*Prerequisite:* Any approved human physiology or pharmacology subject at second-year level.

*Class requirements:* six 3-hour lectures, three 3-hour practical sessions and four 3-hour seminars per semester.

*Assessment:* one 3,000-word assignment (80%), one 15-minute seminar assessed by objective structured evaluation (20%). Hurdle requirement: attendance and participation in 80% of classes.

**Prescribed reading:**

Australian Sports Drug Agency, *Drugs in Sport Handbook* 3<sup>rd</sup> edn, Australian Sports Drug Agency, 1997.

**DRUGS IN USE (15 CPs. Sem. II. Bu.) HB371** Dr Bronwen Bryant

*Offered subject to sufficient enrolments.*

Introductory study of the drugs which are commonly in use in Australia for therapeutic or social purposes. Begins with consideration of how drugs are classified, prescribed and formulated, followed by the general topics pharmacodynamics (how drugs affect the body) and pharmacokinetics (how the body affects drugs). Clinical pharmacology areas covered include drugs used to treat common disorders (eg. hypertension, asthma, pain, depression, anaemia), side-effects of drugs and clinical trials of new drugs. Social pharmacology (the study of drugs taken for recreational purposes) and drug dependence will be discussed.

*Prerequisite:* HB21HPA, HB22HPB or an equivalent human physiology subject at second-year level.

*Incompatible subjects:* HB22PHA, HB22PPY.

*Class requirements:* one 2-hour lecture per week.

*Assessment:* one 1,000-word written assignment and oral presentation (30%), one 45-minute multiple choice mid-semester test (10%) and one 2-hour written examination (60%) at the end of the semester.

**Prescribed reading:**

Galbraith, A., Bullock, S. and Manias E., *Fundamentals of pharmacology*, 2<sup>nd</sup> edn, Addison-Wesley 1997.

**FERTILITY, REPRODUCTIVE TECHNOLOGY AND SOCIETY 1 (10 CPs. Winter. Bu.) HB32FS1** Ms Elizabeth Brown

*Refer to subject description for the equivalent subject, HB22FS1 above.*

*These subjects are offered in Winter. Students will complete one of HB22FS1 or HB32FS1 during their course. This subject cannot be taken for further credit if HB22FS1 has already been completed.*

**FERTILITY, REPRODUCTIVE TECHNOLOGY AND SOCIETY 2 (15 CPs. Sem. II. or Winter. Bu.) HB32FS2** Ms Elizabeth Brown

*Refer to subject description for the equivalent subject, HB22FS2 above. These subjects are offered in Semester 2 or Winter. Students will complete one of HB22FS2 or HB32FS2 during their course. This subject cannot be taken for further credit if HB22FS2 has already been completed.*

**PSYCHOLOGICAL BASES OF ERGONOMICS (30 CPs. Sem. I. Bu.) HB31PBE** Dr Wendy Macdonald

In this subject, psychological principles and findings relevant to the practice of ergonomics are presented in terms of their applications to a variety of human factors and cognitive ergonomics issues. Topics include perception and the design of information displays; the human information processing system, decision-making and cognition in relation to work performance and system design; motivation, learning and cognitive skill development related to training and system safety; human error, human reliability and accident prevention; attitudes in relation to behavioural modification and training; attentional capacity limitations and mental workload in relation to work rates and rest breaks, occupational stress and system performance.

*Prerequisite:* enrolment in the Bachelor of Health Sciences or Bachelor of Occupational Therapy/Bachelor of Ergonomics, first year anatomy, physiology and behavioural science.

*Quota:* 22.

*Class requirements:* 3-hours of lectures and 3-hours of small-group laboratory sessions per week.

*Assessment:* one 4,000-word written assignment (40%), reports of practical session activities (20%) and one 2-hour written examination at the end of semester (40%).

**Prescribed reading:**

Wickens, C. D., Gordon, S. E. and Liu, Y. *An Introduction to Human Factors Engineering*, Addison-Wesley 1998.

Jex, S. M. *Stress and Job Performance*, Sage Publications 1998.

**REPRODUCTIVE AND SEXUAL HEALTH (10 CPs. Summer. Bu.)**

**HB324** Ms Elizabeth Brown

Considers the factors involved in reproductive health. The biological basis of human fertility is discussed. This emphasis is continued with discussion of the regulation of fertility by either contraception or treatment of infertility. Human reproductive and sexual function throughout the lifespan are discussed, with particular reference to the changes of puberty and ageing. Other aspects of reproductive health, such as breast self-examination, cervical cytology screening, sexually transmitted diseases and unplanned pregnancy are addressed. Psychological factors which impinge on human sexual function or the regulation of fertility are discussed where appropriate. This subject provides a foundation for such areas as health promotion and education, family planning and women's health.

*Class requirements:* 26 hours of lecture/seminars.

*Assessment:* one 2,000-word assignment (100%).

**Fourth year**

**HUMAN BIOSCIENCES 4 (120 CPs. All year. Bu.) HB400** Dr Johannes Schuijers

Provides students with one year of specialised training in practical research. As well as providing experience in research, training is also provided in the communication of research results in oral and written presentations at an advanced level.

*Prerequisite:* completion of a degree including subjects offered by the School of Human Biosciences (or equivalent) at an acceptable standard.

*Class requirements:* two hour consultation with supervisor per week.

*Assessment:* In semester one: one 2,500-word literature survey (10%), one 20-minute associated oral presentation (5%), analysis of a scientific paper (10%). In semester two: one 10,000-word thesis (50%), one 20-minute associated oral presentation (10%) and supervisor's assessment (15%).

**REPRODUCTIVE HEALTH (15 CPs. Summer. Bu.) HB525** Ms Elizabeth Brown

*Offered subject to sufficient enrolments.*

Considers the factors which contribute to reproductive and sexual health. The biological basis of human fertility is discussed. This

emphasis is continued with discussion of the regulation of fertility by either contraception or treatment of infertility. Human reproductive and sexual function throughout the life-span are discussed, with particular reference to the changes of puberty and ageing. Other aspects of reproductive health, such as breast self-examination, cervical cytology screening, sexually transmitted diseases and unplanned pregnancy are addressed. Psychological factors which impinge on human sexual function or the regulation of fertility are discussed where appropriate. Provides a foundation for such areas as health promotion and education, family planning and women's and men's health.

**Class requirements:** 26 hours of lectures/seminars and a total of 13 hours of fieldwork per semester.

**Assessment:** one 2,000-word assignment (100%). Hurdle requirement: one satisfactory 500-word written fieldwork report at the end of semester.

#### **TOPICS IN PATHOPHYSIOLOGY (15 CPs. Sem. II. Bu.) HB421 Dr Brian Grills**

*Offered subject to sufficient enrolments.*

Extends previous basic knowledge in pathophysiology. Topics covered include healing in various tissues, neoplasia, infectious disease, bone disease, joint disorders and neurological disease. Students are given the opportunity to explore a topic of their choice in the seminar presentation.

**Prerequisite:** HB21PAG or equivalent.

**Class requirements:** ten 2-hour lectures and three 2-hour seminar programs per semester.

**Assessment:** one 2,000-word assignment (75%) and one seminar presentation (25%).

### **Podiatry**

#### **First year (New Four year Degree - Commencing year 2000)**

##### **PODIATRIC BIOMECHANICS 1 (10 CPs. Sem II. Bu.) PM1PBM Mr Shannon Munteanu**

In this subject students are introduced to a broad range of topics related to podiatric biomechanics. These include the evolutionary and embryological development of the lower limb, normal mechanics and function of the foot, the gait cycle, the development of footwear from both historical and psychosocial perspectives, shoe construction and footwear fitting. Aspects of footwear as diagnostic, therapeutic and forensic media are also investigated. Additionally, students will commence sessions looking at measurement of lower limb joint motion.

**Co-requisite:** HB12ALF, HB12BHM.

**Class Requirements:** 26-hours of lectures, 9-hours of practical sessions and 4-hours of self-directed learning (workshops and website visits) per semester.

**Assessment:** one 2-hour examination (70%) and one 1,500-word assignment (30%).

##### **Recommended reading:**

Michaud, T. C., *Foot orthoses and other forms of conservative foot care*, 2<sup>nd</sup> edn, Michaud, T. C., 1997.

Perry, J., *Gait analysis: normal and pathological function*. Slack Thorofare, 1992.

##### **PODIATRIC DERMATOLOGY (15 CPs. Sem I. Bu.) PM1DLL Ms Lesley Newcombe**

In this subject students undertake a comprehensive examination of the basic principles of podiatric management of cutaneous pathologies. Topics include structure and function of skin and its appendages, common infections of the lower extremity and their management, diagnostic principles, testing procedures and dermatological terminology. This subject will focus on dermatological conditions which are commonly encountered in podiatric practice.

**Class Requirements:** two 2-hour lectures and one 1-hour of self-directed learning (workshops, website visits and practice examinations) per week.

**Assessment:** one 2-hour written examination (80%), and completion of a workbook assignment (maximum of 1,500 words) to be handed in at the end of the semester (20%).

##### **Recommended reading:**

Baran, R., Barth, J. H. and Dawber, R. *Nail disorders: common presenting signs, differential diagnosis and treatment*. Martin Dunitz, 1991.

Dockery, G. I., *Cutaneous Disorders of the Lower Extremity*. W. B. Saunders, 1997.

Gawkrodger, D. J. *Dermatology: An illustrated colour text*. Churchill Livingstone, 1992.

##### **PODIATRIC CLINICAL SKILLS (10 CPs. Sem II. Bu.) PM1PCS Ms Lesley Newcombe**

In this subject students will have the opportunity to gain essential skills in podiatry practice. Integrating theoretical principles covered in PM1DLL and PM1CPN, the student will practise a variety of techniques utilised in the management of skin disorders, infection control principles, construction of simple dressings and pads, patient communication skills and record keeping. The student will also have the opportunity to observe podiatric practice in a clinical setting.

**Co-requisite:** PM1CPN, PM1DLL, HB12ALF, PM1PBM.

**Class requirements:** 26-hours of clinical practice and 13-hours of observation per semester.

**Assessment:** one 2,000 word case study (80%) and achievement of required clinical standard assessed by an objective structured clinical examination (20%).

##### **Recommended reading:**

Bates, B., *A guide to physical examination*, 2<sup>nd</sup> edn, Lippincott 1995.

Hyde, C. C., *Padding and strapping techniques for podiatrists*.

La Trobe University, 1987.

Le Rossignol, J., *Encyclopedia of materia medica and therapeutics for chiropractors*, Faber, 1980.

##### **PRECLINICAL PODIATRY (10CPs. Sem. I. Bu.) PM1CPN Ms Lesley Newcombe**

In this subject students are introduced to the concepts and principles which underpin podiatric practice and the delivery of professional health care services. Topics include structure of the health care system, infection control, medical ethics, record keeping, multi-disciplinary team management and communication skills.

**Class requirements:** one 2-hour lecture and one 1-hour of self-directed learning (workshops, website visits and videos) per week.

**Assessment:** one 2-hour written examination (75%) and one 1,000-word written report of a 15 minute student presentation (25%).

##### **Recommended reading:**

Gardner, J. F. and Peel, M. *Introduction to sterilization, disinfection and infection control*, 2<sup>nd</sup> edn, Churchill Livingstone, 1991.

Lorimer, D., French, G. and West, S. *Neale's Common Foot Disorders*, 5<sup>th</sup> edn, Churchill Livingstone, 1997.

Mitchell, K. R. and Lorat, T. J. *Bioethics for medical and health professionals*. Social Sciences Press, 1991.

### **Second year (Completion of Three year Course)**

##### **CLINICAL PRACTICE 2 (50CPs. All year. Bu.) PM241 Ms Nikki Frescos**

Provides an opportunity for students to consolidate skills learned in the first year and undertake treatment of more complicated conditions. Practical application is made of knowledge gained from subject matter covered in podiatric medicine, biomechanics, anatomy, physiology, and microbiology.

**Prerequisite:** HB12ALF, HB11APH, PM1211, PM1311, PM1512.

**Co-requisite:** HB22PPY, PM211, PM231, PM236, PM251.

**Class requirements:** 156 hours of supervised clinical practice – compulsory attendance at three 2-hour clinical sessions per week in each semester. In addition, students are required to complete 48 hours of consolidated clinical practice prior to commencing the third year of the course.

**Assessment:** one practical examination at the end of semester 1 (25%), two practical examinations at the end of semester 2 (70%), plus assessment of professional behaviour during clinical sessions (5%). Hurdle requirements: satisfactory completion of a learning journal (approx. 10 pages) and compulsory attendance at all rostered clinical sessions.

##### **LOCAL ANAESTHESIA (5 CPs. All year. Bu.) PM261 Dr Bronwen Bryant**

Consists of theoretical and practical components. The theory emphasises three main areas: chemistry and pharmacology of local anaesthetics, the clinical use and administration of local anaesthetics and adverse drug reactions, their recognition and treatment. The practical component enables students to practise the various techniques of administration of local anaesthetics required by podiatrists.

**Prerequisite:** PM1211, PM1311, PM1412.

**Class requirements:** 22 hours per year: one hour of lecture per week in first semester and a total of nine hours of practical sessions in the second semester.

**Assessment:** one 1-hour written examination at the end of the first semester (50%), and one 1-hour practical examination at the end of the second semester (50%). Hurdle requirement: A satisfactory standard must be achieved in each component and attendance at all rostered clinical sessions.



**ORTHOTIC PRACTICE 2 (15 CPs. All year. Bu.) PM251 Mr Craig Payne**

Students practise diagnostic skills and devise treatment regimes for patients by the manufacture of simple non-cast orthoses. Students commence impression-taking, plaster model alterations and the manufacture of moulded rigid orthotic devices.

*Prerequisite:* PM1311, PM1412, PM1512.

*Co-requisite:* PM231, PM236, PM241.

*Class requirements:* two 2-hour practicals per week in each semester.

*Assessment:* satisfactory completion of one pair of patient devices (25%), completion of at least four designated non-cast devices (25%) and completion of one pair of cast devices (50%).

**PODIATRIC BIOMECHANICS (5 CPs. All year. Bu.) PM236 Mr Adam Bird**

Students learn about the relationships between abnormal locomotor function (pathomechanics) and the development of lower extremity pathology. A comparison is made to normal function of the human locomotor system. Additionally, a number of alternative biomechanical models are discussed and students begin to critically evaluate recent developments in the field.

*Prerequisite:* PM1211, PM1311, PM1412, PM1512, HB12ALF, HB12BHM, HB11BMT.

*Co-requisite:* PM1512.

*Class requirements:* one 1-hour of lecture per week.

*Assessment:* one 2-hour written examination at the end of Semester 1 (40%), and one 2.5-hour written examination in Semester 2 (60%). Hurdle requirement: compulsory attendance at all practical sessions.

**PODIATRIC MEDICINE 2 (10 CPs. All year. Bu.) PM231 Mr Craig Payne**

Reviews functional and structural foot disorders and dermatological disorders. Students develop a comprehensive knowledge of the aetiology, pathology and diagnosis of various osseous soft tissue conditions, vasoplastic conditions and cutaneous pathologies including microbial infections.

*Prerequisite:* HB12ALU, PM1211, PM1311, PM1412, PM1512.

*Co-requisite:* PM211, PM241, PM251.

*Class requirements:* one 2-hour lecture per week.

*Assessment:* one 1.5-hour written examination at end of first semester (35%), one 1.5-hour examination at end of semester 2 (35%), one class presentation (15%) and one 1,500-word written assignment (15%).

**THERAPEUTICS (5 CPs. Sem. 1. Bu.) PM211 Ms Lesley Newcombe**

Provides a sound theoretical knowledge and practical experience of podiatric physical therapy, including a comprehensive review of the application of thermal therapies and electrical modalities.

*Prerequisite:* PM1211, PM1311, PM1412, PM1512, (HB12ALF).

*Co-requisite:* PM231, PM241.

*Class requirements:* one 2-hour lecture per week.

*Assessment:* one 1-hour written examination at the end of the semester (100%).

**Third year**

**CLINICAL PRACTICE 3 (50 CPs. All year. Bu.) PM341 Ms Nikki Frescos**

Advanced clinics in the diagnosis and management of a wide variety of podiatric cases, including paediatric, geriatric, sporting injuries and a range of systemic disorders, including high risk category patients. Students participate in specialist diagnostic clinics, including biomechanical, vascular, and new patient evaluations. In addition to the involvement in the Health Sciences Clinic located at Bundoora, students are placed in external clinics, hospitals, community health centres and private practices.

*Prerequisite:* all second year Podiatry subjects.

*Co-requisite:* PM331, PM351, PM361.

*Class requirements:* 117 hours of clinical sessions per semester.

*Assessment:* semester 1- practical examination (25%) and an Objective Structured Clinical Examination (OSCE) (10%); semester 2- practical examination (25%) and OSCE (30%); semesters 1&2 assessment of professional behaviours (10%). Hurdle requirements: compulsory attendance at all rostered clinical sessions, completion of a learning journal (approx. 15 pages) and satisfactory clinical performance throughout the year, based on clinical competencies promulgated by the Australian Podiatry Council.

**ORTHOTIC PRACTICE 3 (15 CPs. All year. Bu.) PM351 Mr Craig Payne**

Students consolidate knowledge and skills developed in the first and second years of the orthotic program. Emphasis is placed on diagnosis, prescription, manufacture, dispensing and assessment of moulded orthotic devices, associated impression techniques and patient management.

*Prerequisite:* PM231, PM236, PM241, PM251.

*Co-requisite:* PM331, PM341.

*Class requirements:* 39 hours of practical sessions each semester.

*Assessment:* two 1,500-word assignment (100%). Hurdle requirement: Compulsory attendance at all clinical sessions and continuous assessment throughout each semester; students are required to complete six casts, with a satisfactory standard achieved in all devices.

**PODIATRIC MEDICINE 3 (30 CPs. All year. Bu.) PM331 Mr Craig Payne**

Detailed study of the podiatric manifestations, treatment and management of patients presenting with a range of systemic and specific conditions. Topics covered include podopaediatrics, gerontology, podiatric sports medicine, neurology, radiographic interpretation, human locomotor studies, issues in professional practice, and general podiatric medicine.

*Prerequisite:* PM211, PM231, PM241.

*Co-requisite:* PM341.

*Class requirements:* two 1-hour lectures and one 4-hour practical per week.

*Assessment:* one 2-hour written examination in semester one (30%), one 2-hour written examination in semester two (30%), two 1,500-word assignments (40%).

**PODIATRY PROJECT (15 CPs. All year. Bu.) PM391 Ms Anita Raspovic**

Students undertake project work in podiatry. The project type and topic is chosen by the student and discussed with a supervisor during the initial weeks of the first semester. The project is conducted under the direction of a supervisor and may take the form of a literature review/evaluation, a data based project (survey, interviews, involvement in a small research project), or the development of materials or a program. Students interested in Honours select a topic and complete a literature review of 3,500 - 4,000 words. A small component of group work involving the analysis and presentation of a journal article, is also to be undertaken.

*Prerequisite:* all second-year podiatry subjects.

*Co-requisite:* PM331, PM361.

*Class requirements:* 65 hours per year –six hours of lectures, three hours with supervisor and 30 hours in independent work in semester one. Three hours with supervisor, 20 hours in independent work, three hours seminar presentation of group work in semester two.

*Assessment:* one 4,000-word written assignment or equivalent approved project (90%) and one 10-minute oral presentation of an analysis of a journal article (10%).

**SURGERY (10 CPs. All year. Bu.) PM361 Mr Mark Gilheany**

Covers the fundamentals of general and orthopaedic surgery, including surgical techniques and post-surgical management of relevance to the podiatrist. There is a comprehensive review of podiatric surgical principles, such as regional anaesthesia and regulations concerning sterile procedures. In the practical component students undertake general surgical team management and administration in the hospital and clinical setting.

*Prerequisite:* HB12HBF, PM231, PM236, PM241, PM261, HB22PPY.

*Co-requisite:* PM331, PM341.

*Class requirements:* one 1-hour lecture per week in each semester and 13 hours of clinical practice on a rostered basis throughout both semesters.

*Assessment:* one 1-hour written examination in orthopaedic and podiatric surgery (50%) at the end of Semester 1 and one 1-hour written examination in general surgery (50%) at the end of Semester 2. Hurdle requirement: a pass in each examination is required to gain an overall pass in the subject; satisfactory participation in surgical team management and a satisfactory performance in supervised cutaneous procedure; and compulsory attendance at all clinical sessions.

**Fourth year**

**CLINICAL PHARMACOLOGY (15 CPs. Sem. 1. Bu.) PM410 Dr Bronwen Bryant**

Students are presented with opportunities to extend their understanding of safe, effective handling and administration of drugs and increase their knowledge of effects of drugs on patients. The core topics of pharmacodynamics (actions of drugs) and pharmacokinetics (how the body handles drugs), plus application of this information to clinically important groups of drugs such as analgesics, cardiovascular drugs, anti-microbials and anti-inflammatory agents are reviewed. Emphasis is placed on clinical aspects including therapeutic monitoring and adverse drug reactions and students are encouraged to relate the subject to clinical interests, such as paediatrics, geriatrics, rheumatology or endocrinology.

**Prerequisite:** second-year studies in physiology and pathology.

**Class requirements:** three hours of lectures per week.

**Assessment:** one 1,500-word report and seminar presentation (30%) and one 2-hour written examination at end of the semester (70%).

#### **CLINICAL PRACTICE 4 (15 CPs. All year. Bu.) PM430 Ms Nikki Frescos**

Honours students develop further clinical expertise, and assist in the clinical education of second year students under direction of senior staff. The clinical education is provided through the Health Sciences Clinic and external placement of students in hospitals, community health centres or private practice. Students participate in clinics including endocrinology, vascular pathology, orthopaedics, rheumatology, psychiatry, neurology, gerontology, dermatology, high risk or infectious diseases, human locomotor studies, including biomechanical evaluation and orthotic techniques, paediatrics, sports medicine and rehabilitation.

**Prerequisite:** Admission to Honours and preparatory readings on clinical education.

**Class requirements:** five hours per week.

**Assessment:** a grade of satisfactory or unsatisfactory is awarded by a supervisor in a written report at the end of semester two, based on clinical competencies as promulgated by the Australian Podiatry Council.

#### **HONOURS THESIS (75 CPs. All year. Bu.) PM400 Dr Bronwen Bryant**

Students complete a research project based on a proposal developed in PM391. The project should have the potential to contribute to knowledge in the discipline and could be based on a qualitative and/or quantitative design. The student engages in data collection, analysis of results and prepares a conclusion based on the results of the work. Throughout this activity the student receives supervision from a nominated staff member with expertise in the area being investigated. The department invites 6 - 10 students per year to participate.

**Prerequisite:** Grade of B or above in PM391, BH455 and Admission into Honours.

**Class requirements:** 330 hours per year – six hours of lectures, 12 hours of small-group meetings or discussions with staff supervisors including content and methodological/statistical advice and 312 hours of independent work.

**Assessment:** one formal 30-minute seminar presentation (20%) and one 10,000 to 12,000-word thesis equivalent in terms of quality and style, to an article or report acceptable for a refereed journal.

#### **PHARMACOLOGY FOR PODIATRY (15 CPs. Sem. II. Bu.) PM420 Dr Bronwen Bryant**

A review of the disease processes of particular interest to the podiatrist and an examination of the role and rationale of the appropriate drug therapies. Emphasis is placed on the pathophysiology and pharmacological treatment of disorders of the immune system, the circulatory system, the inflammatory response and the process of infection and on practical aspects of prescribing appropriate drugs.

**Prerequisite:** all third-year podiatry subjects; PM410.

**Class requirements:** three hours of lectures per week.

**Assessment:** a written assignment of 3,000-words (60%), one 1-hour written examination (40%).

### **Prosthetics & Orthotics**

#### **First year**

#### **CLINICAL EDUCATION 1 (5 CPs. Sem. I. Bu.) PO1CE1 Ms Margaret Hodge**

Students are assigned to hospitals and prosthetic and orthotic centres for block clinical placements in which they are familiarised with clinical practice in prosthetics and orthotics. The placement provides experiential contact with the clinical environment and introduces students to observational and recording practices. Students may be involved in practical prosthetic and orthotic tasks during these placements.

**Co-requisite:** PO1CP1.

**Class requirements:** one week of full time clinical placement (35 hours) during the mid year break.

**Assessment:** clinical performance in placement, completion of minimum requirements and submission of log book (100%).

#### **INTRODUCTION TO APPLIED ORTHOTICS (10 CPs. Sem. II. Bu.)**

#### **PO10A2 Ms Kerry Fisher**

Students gain practice in the fabrication of orthoses for the spine, upper and lower limb. They will further apply safe laboratory skills while being introduced to the manufacturing techniques commonly used in various levels of orthotic management.

**Co-requisite:** PO1PA1, PO1OT2.

**Class requirements:** one 1-hour demonstration or tutorial, one 2-hour clinic and one 3-hour laboratory per week.

**Assessment:** six orthotic projects submitted at intervals during the semester (100%).

#### **INTRODUCTION TO ORTHOTIC THEORY (10 CPs. Sem. II. Bu.)**

#### **PO1OT2 Ms Kerry Fisher**

Students gain knowledge in the use of appropriate terminology used in orthotics. In this subject students receive an introduction to the principles of orthotic application, as well as the procedures of orthotic assessment, prescription, casting and measuring of orthoses for the spine, upper and lower limb.

**Co-requisite:** PO1PA1, PO10A2.

**Class requirements:** four hours of lectures per week.

**Assessment:** one 1.5-hour written examination (60%), one 1,500-word assignment (30%) and one oral presentation (10%).

#### **INTRODUCTION TO PROSTHETIC AND ORTHOTIC CLINICAL**

#### **PRACTICE (5 CPs. Sem. I. Bu.) PO1CP1 Ms Kerry Fisher**

Students will be introduced to the role of the prosthetist and orthotist and learn the use of appropriate language, terminology and behaviour to function within a multi-disciplinary professional environment. Students will be given a history of the development of prosthetics and orthotics, as well as an introduction to the prosthetic and orthotic treatment process, medical record keeping, confidentiality, infection control, occupational health and safety issues for working within public and private facilities, health-care systems such as casemix and the role of medical, nursing and allied health professionals in health care.

**Class requirements:** two hours of lectures per week.

**Assessment:** one oral presentation (10%) and one 1-hour written examination at the end of semester (90%).

#### **INTRODUCTION TO PROSTHETICS (10 CPs. Sem. I. Bu.) PO1PT1 Ms**

#### **Kerry Fisher**

Students will be introduced to terminology, componentry and manufacturing procedures used within prosthetics. Specific areas of assessment, prescription, casting and fabrication techniques commonly used in upper and lower limb prosthetics will be introduced.

**Co-requisite:** PO1PA1.

**Class requirements:** one 2-hour lecture, two 4-hour laboratory per week for weeks 6 to 13.

**Assessment:** six prosthetic projects due the end of semester (30%), one 1.5-hour written examination (50%), one 1,500-word written assignment (15%) and one 10-minute oral presentation (5%) submitted at the end of the semester.

#### **INTRODUCTION TO PROSTHETICS AND ORTHOTICS LABORATORY**

#### **(5 CPs. Sem. I. Bu.) PO1PA1 Ms Kerry Fisher**

Students will be introduced to the various hand tools and machinery commonly used in fabricating prostheses and orthoses. Safe laboratory practice and appropriate laboratory management skills are covered. Students will also gain skill and knowledge in manufacturing techniques related to different materials commonly used within prosthetics and orthotics.

**Co-requisite:** PO1PT1.

**Class requirements:** 10-hours of laboratory per week for weeks 1 to 6.

**Assessment:** Completion of five laboratory projects submitted in week six, (100%).

#### **Prescribed reading:**

Otto Bock, *Technical information*, 7.1.1. Otto Bock 1995.

#### **Second year**

#### **APPLIED LOWER LIMB ORTHOTICS 1 (15CPs. Sem. I. Bu.) PO2OA1**

#### **Ms Margaret Hodge**

Covers knowledge and skills in the assessment, prescription, casting, fabrication, alignment and evaluation of foot and ankle-foot orthoses. Students are required to demonstrate effective communication skills with clients and colleagues. The subject includes applied orthotic theory, anatomy, pathology and biomechanics relevant to foot and ankle-foot orthotic management.

**Prerequisite:** PO1OT2, PO10A2, HB12ALB, HB11BHM/ HB12BHM.

**Co-requisite:** PO2CP1, PO2OT1.

**Class requirements:** one 1-hour demonstration, one 2-hour clinical and one 3-hour practical per week.

**Assessment:** five orthotic projects due during the semester (100% total).

#### **Prescribed reading:**

Bowker, Condie, Bader & Pratt, *Biomechanical basis of orthotic management*, Butterworth Heinemann 1993.

#### **APPLIED LOWER LIMB ORTHOTICS 2 (15 CPs. Sem. II. Bu.) PO2OA2**

#### **Ms Margaret Hodge**

Provides knowledge and skills in the assessment, prescription, casting, fabrication, alignment and evaluation of hip, knee and knee-ankle-foot orthoses. Students are required to demonstrate effective

communication skills with clients and colleagues. The subject includes applied orthotic theory, anatomy, pathology and biomechanics relevant to hip, knee and knee-ankle-foot orthotic management.  
**Co-requisite:** PO2CP1, PO2OT1, PO2OA1, PO2OT2.  
**Class requirements:** one 1-hour demonstration, one 2-hour clinic and one 3-hour practical per week.  
**Assessment:** five orthotic projects during the semester (100%).

**Prescribed reading:**

Bowker, Condie, Bader & Pratt, *Biomechanical basis of orthotic management*, Butterworth Heinemann 1993.

**CLINICAL EDUCATION 2 (10 CPs. Sem. II. Bu.) PO2CE2 Ms Margaret Hodge**

Students are assigned to hospitals and prosthetic and orthotic centres for a three week block placement. Students work under supervision and are required to demonstrate initiative and ability in clinical activity, patient treatment and laboratory work. There is the opportunity for students to observe the functioning of the centre and management in relation to the prosthetist and orthotist.

**Prerequisite:** PO1CP1, PO1CE1.

**Class requirements:** 3-weeks of full-time clinical placement at the end of semester two.

**Assessment:** one 1,500-word written assignment at the end of semester two (100%). Hurdle requirement: satisfactory performance during placement.

**Prescribed reading:**

Frankel & Nordin, *Basic biomechanics of the skeletal system*, Lea and Febieger 1980.  
 Robbins & Kumar, *Basic pathology*, 4th edn, W. B. Saunders 1987.  
 Urdang, Mosby's, *Medical and nursing dictionary*, Mosby 1983.

**ORTHOTIC MANAGEMENT OF FRACTURES (10CPs. Sem. I. Bu.)**

**PO2OF1 Ms Kerry Fisher**

Covers specialised knowledge and skill in the assessment, prescription, fitting and evaluation of removable and non-removable orthoses for upper and lower limb fracture management. Theory includes an introduction to medical imaging, the biology of fractures and principles and clinical applications of fracture orthoses. Practical experience in fracture orthosis application will be provided.

**Prerequisite:** PO1OT2, PO1OA2.

**Co-requisite:** PO2CP1, PO2OT1, PO2OA1.

**Class requirements:** one 1-hour lecture, one 1-hour of demonstration or tutorial and one 1-hour of clinic session per week.

**Assessment:** five orthotic projects due during the semester (40%) and one 1-hour written examination at the end of the semester (60%).

**Prescribed reading:**

Coombs, Green & Sarmiento, *External fixation and functional bracing*, Orthotext 1989.  
 Sarmiento & Latta, *Functional fracture bracing*, Springer 1995.

**PATIENT EVALUATION (10 CPs. Sem. I. Bu.) PO2CP1 Ms Kerry Fisher**

Introduction to the theory and practice of prosthetic and orthotic patient evaluation. Principles of normal and pathological body postures and function are addressed and particular attention is directed to the assessment of neuromuscular disorders affecting the limbs and spine. Practical sessions provide experience in assessment techniques.

**Prerequisite:** PO1CP1, HB12ALB, HB11BHM/HB12BHM.

**Co-requisite:** PO2OA1.

**Class requirements:** one 1-hour lecture, one 1-hour practical and one 1-hour of clinic per week.

**Assessment:** one 1.5-hour examination at the end of the semester (40%) and five clinical projects with one 45-minute clinical examination (60%).

**Prescribed reading:**

Hollis & Yung, *Patient Examination and assessment for therapists*, Blackwell Scientific Publications 1985.  
 Hoppenfeld, *Physical examination of the spine and extremities*, Appleton Century Crofts 1976.

**SPINAL ORTHOTICS (10 CPs. Sem. II. Bu.) PO2OS2.**

*Subject not offered in year 2000.*

**THEORY OF LOWER LIMB ORTHOTICS 1 (10 CPs. Sem. I. Bu.)**

**PO2OT1 Ms Margaret Hodge**

Covers knowledge of orthotic theory including principles, the treatment process, assessment, prescription considerations and biomechanical basis of lower limb orthotic management. Orthotic treatment of a variety of foot and ankle-foot pathologies are presented in the context of multi-disciplinary care. Includes applied anatomy, pathology and biomechanics relevant to foot and ankle-foot orthotic management.

**Prerequisite:** PO1OT2, PO1OA2, HB12ALB, HB11BHM/HB12BHM.  
**Co-requisite:** PO2CP1, PO2OA1.

**Class requirements:** two 2-hour lectures, tutorials or demonstration sessions per week.

**Assessment:** one 1.5-hour written examination (60%), one 1,500-word written assignment (30%) at the end of the semester and one oral presentation (10%) during the semester.

**PROSTHETIC AND ORTHOTIC MANAGEMENT (10 CPs. Sem. II. Bu.) PO2AM2**

*Not offered in year 2000.*

**THEORY OF LOWER LIMB ORTHOTICS 2 (10 CPs. Sem. II. Bu.)**

**PO2OT2 Ms Margaret Hodge**

Students increase depth of knowledge of orthotic theory, including principles, the treatment process, assessment, prescription considerations and biomechanical basis of lower limb orthotic management. Orthotic treatment of a variety of hip, knee and knee-ankle-foot pathologies is presented. The subject includes applied hip, knee and knee-ankle-foot orthotic management, as well as anatomy, pathology and biomechanics relevant to hip, knee and knee-ankle-foot orthotic management.

**Co-requisite:** PO2CP1, PO2OT1, PO2OA1, PO2OA2.

**Class requirements:** two 2-hour lectures, tutorials or demonstration sessions per week.

**Assessment:** one 1.5-hour written examination at the end of the semester (60%), one 1,500-word written assignment due the end of the semester (30%) and one oral presentation (10%).

**Prescribed reading:**

Bowker, Condie, Bader & Pratt, *Biomechanical basis of orthotic management*, Butterworth Heinemann 1993.

**UPPER LIMB ORTHOTICS (10 CPs. Sem. II. Bu.) PO2OU2**

In this subject students gain specialised knowledge of specific areas of assessment, prescription, measurement, casting, fabrication, fitting and evaluation of upper limb orthoses. This subject includes applied anatomy, pathomechanics and pathology relevant to upper limb orthotic management.

**Prerequisite:** PO1OT2, PO1OA2, HB12ALB.

**Co-requisite:** PO2CE2, PO2PU2.

**Class requirements:** one 2-hour lecture and one 2-hour clinical/laboratory per week.

**Assessment:** five orthotic projects (30%), one 1.5-hour written examination at the end of semester (50%), one 1,500-word written assignment due at the end of semester (15%) and one oral presentation (5%).

**Prescribed reading:**

American Academy of Orthopaedic Surgeons, *Atlas of orthotics*, 2nd edn, Mosby 1985  
 Bowker, Condie, Bader & Pratt, *Biomechanical basis of orthotic management*, Butterworth Heinemann 1993.  
 Ford & Duckworth, *Physical management for the quadriplegic patient*, 2nd edn, Davis 1987

**UPPER LIMB PROSTHETICS (10 CPs. Sem. II. Bu.) PO2PU2**

Provides students with knowledge in the assessment, prescription, casting, fabricating, fitting and aligning of upper limb prostheses. Includes applied anatomy and biomechanics of the upper limb relevant to upper limb prosthetic function. Students are expected to communicate effectively with clients and colleagues during this subject.

**Prerequisite:** PO1PA1, PO1PT1, HB12ALB.

**Co-requisite:** PO2CP1, PO3OU2.

**Class requirements:** one 2-hour lecture, one 1-hour clinical demonstration or tutorial and one 1-hour laboratory class per week.

**Assessment:** one 1.5-hour written examination (60%), one 1,500-word written assignment (30%) and an oral presentation (10%) submitted at the end of the semester. Hurdle requirement: satisfactory performance in a class project submitted at the end of the semester.

**Third year**

**APPLIED TRANSFEMORAL PROSTHETICS (15 CPs. Sem. II. Bu.)**

**PO3PA2 Mr Les Barnes**

Covers skills and knowledge in assessment, prescription, design, casting, fabrication, fitting and alignment for transfemoral prostheses. Student are expected to communicate effectively with amputee clients and colleagues. Includes applied transfemoral prosthetic management and areas of anatomy, pathology and biomechanics appropriate to the level of prosthetic management.

**Prerequisite:** PO1PA1, PO1PT1, PO2CP1, HB11BHM/HB12BHM.

**Co-requisite:** PO3PT1, PO3PA1, PO3PA2.

**Class requirements:** one 3-hour laboratory, one 2-hour clinical and one 1-hour tutorial/demonstration per week.

**Assessment:** five prosthetic projects (100% total).

**Prescribed reading:**

American Academy of Orthopaedic Surgeons, *Atlas of limb prosthetics*, 2nd edn, Mosby 1995.

**APPLIED TRANSTIBIAL PROSTHETICS (15 CPs. Sem. I. Bu.) P03PA1**  
*Mr Les Barnes*

Covers skills and knowledge in assessment, prescription, design, casting, fabrication, fitting and alignment for transtibial prostheses. The student is expected to communicate effectively with amputee clients and colleagues. Includes applied transtibial prosthetic theory and areas of applied anatomy, pathology and biomechanics appropriate to the level of prosthetic management.

**Prerequisite:** P01PA1, P01PT1, P02CP1, HB253 or HB11BHM/HB12BHM.

**Co-requisite:** P03PT1.

**Class requirements:** four hours of laboratory, one 1-hour clinic and one 1-hour tutorial per week.

**Assessment:** seven prosthetic projects (100%).

**Prescribed reading:**

American Academy of Orthopaedic Surgeons, *Atlas of limb prosthetics*, 2nd edn, Mosby 1995.

Canadian Association of Prosthetists and Orthotists, *Clinical aspects of lower extremity prosthetics: transtibial, symes and partial foot amputations*, Elgan Enterprises 1991.

**PRESCRIPTION PRINCIPLES (10 CPs. Sem. II. Bu.) P03CP1**  
*Ms Kerry Fisher*

Students explore the relationships between musculoskeletal deficiency and prosthetic or orthotic application, with emphasis on prescription rationale. Students are encouraged to develop an understanding of the physical, social and psychological factors that effect prosthetic and orthotic applications. Content is developed with patient focussed treatment as a priority.

**Prerequisite:** All year 1 and year 2 Prosthetic and Orthotics subjects.

**Co-requisite:** P03PA1, P03PT1.

**Class requirements:** one 2-hour lecture and one 2-hour tutorial per week.

**Assessment:** case study presentation (40%) and one 2-hour written examination at the end of the semester (60%).

**Prescribed reading:**

Krupp, Chatton & Tierney, *Current medical diagnosis and treatment*, Lange Medical Publications 1985.

**PROSTHETIC AND ORTHOTIC EVALUATION AND DESIGN (5 CPs. Sem. I. Bu.) P03ED1**  
*Dr Tim Bach*

Outlines the principles of Prosthetic and Orthotic evaluation and design. The subject recognises the relationship between users and the need for variations of prosthetic and orthotic designs to maximise their function. A variety of topics are discussed including the evaluation and design process, designing for persons with disabilities, international standards, ethical considerations in research and computer applications. Emphasis is placed on research methods, literature review, analysing design needs and variables and developing a research project proposal.

**Prerequisite:** completion of second year Prosthetics and Orthotics subjects.

**Class requirements:** Seven 2-hour lectures and one 2-hour practical per week.

**Assessment:** one 2,000-word written assignment due at the end of the semester (50%) and five 500-word computer-based assignments due at 2-weekly intervals throughout the semester (50%).

**PROSTHETIC AND ORTHOTIC GAIT ANALYSIS (10 CPs. Sem. I. Bu.) P03GA1**  
*Dr Tim Bach*

Covers current research in prosthetics and orthotics related to restoration and rehabilitation of lower limb function. Provides students with an opportunity to review normal human locomotion and the gait patterns characteristic of prosthesis and orthosis users. The influence of prosthetic/orthotic design, alignment procedures, component selection and patient abilities in achieving optimal function are discussed. Instrumentation systems used in gait analysis are reviewed.

**Prerequisite:** HB11BHM or equivalent. Prior knowledge of prosthetic/orthotic theory is recommended.

**Class requirements:** one 2-hour lecture and one 2-hour seminar per week.

**Assessment:** written examination at the end of the semester (35%), one 1,500-word assignment due at the end of the semester (35%), one 20-minute seminar presentation during the semester (20%) and one compendium of resources due at the end of the semester (10%).

**PROSTHETIC AND ORTHOTIC INDEPENDENT STUDY PROJECT (15 CPs. Sem. II. Bu.) P03IS2**  
*Mr Les Barnes*

Involves a project completed by students working independently or in small groups. The topic is chosen by students in consultation with the supervisor and must have some relevance to the profession. The study may comprise the development of a prosthetic or orthotic device or technique, a small research project, or a critical review of literature in an area of interest.

**Co-requisite:** P03ED1.

**Class requirements:** one 1-hour lecture and five hours of independent project work per week.

**Assessment:** one 30-minute oral presentation due during the semester (40%), one 3,000-word written assignment due at the end of the semester (60%).

**PROSTHETIC AND ORTHOTIC MANAGEMENT (10 CPs. Sem. II. Bu.) P03AM2**

*Subject not offered in year 2000.*

**THEORY OF PROSTHETICS 1 (10 CPs. Sem. I. Bu.) P03PT1**  
*Mr Les Barnes*

Covers knowledge in prosthetic principles, assessment, prescription considerations and design possibilities for transtibial prostheses. Includes applied anatomy, pathology and biomechanics appropriate to the level of prosthetic management.

**Prerequisite:** P01PA1, P01PT1, P02CP1, HB11BHM/HB12BHM.

**Co-requisite:** P03PA1.

**Class requirements:** three hours of lectures and one hour of tutorials/demonstrations per week.

**Assessment:** one 1.5-hour examination at the end of semester (60%), one 1,500-word written assignment due at the end of semester (30%) and one oral presentation (10%).

**Prescribed reading:**

American Academy of Orthopaedic Surgeons, *Atlas of limb prosthetics*, 2nd edn, Mosby 1995.

Canadian Association of Prosthetists and Orthotists, *Clinical aspects of lower extremity prosthetics: transtibial, symes and partial foot amputations*, Elgan Enterprises 1991.

**THEORY OF PROSTHETICS 2 (10 CPs. Sem. II. Bu.) P03PT2**  
*Mr Les Barnes*

Covers knowledge of prosthetic principles, assessment, prescription considerations and design possibilities for transfemoral prostheses. Includes applied anatomy, pathology and biomechanics appropriate to the level of prosthetic management.

**Prerequisite:** P01PA1, P01PT1, P02CP1, HB11BHM/HB12BHM.

**Co-requisite:** P03PT1, P03PA1, P03PA2.

**Class requirements:** three hours of lectures per week.

**Assessment:** one 1.5-hour examination (60%), one 1,500-word written assignment at the end of the semester (30%) and one oral presentation (10%).

**Prescribed reading:**

American Academy of Orthopaedic Surgeons, *Atlas of limb prosthetics*, 2nd edn, Mosby 1995.

**UPPER LIMB ORTHOTICS (10 CPs. Sem. II. Bu.) P03OU2**

*For subject description refer to second year entry for P02OU2 above. This subject cannot be taken for further credit if second year equivalent subject code of P02OU2 has already been completed.*

**SPINAL ORTHOTICS (10 CPs. Sem. II. Bu.) P03OS2**

*Subject not offered in year 2000.*

**UPPER LIMB PROSTHETICS (10 CPs. Sem. II. Bu.) P03PU2**

*Subject description refers to second year entry for P02PU2 above. This subject cannot be taken for further credit if the second year equivalent subject code P02PU2 has already been completed.*

**Fourth year****CLINICAL EDUCATION 4 (60 CPs. Sem. I. Bu.) P04CE1**  
*Ms Margaret Hodge*

Students are assigned to hospitals and prosthetic and orthotic centres for block clinical placements. Students, while working under supervision, are required to demonstrate initiative and ability in the areas of clinical activities, patient treatments and laboratory work. They are expected to participate as a team member and provide patient evaluations and relevant prosthetic and orthotic solutions, including fitting and objective critiques of their treatment procedures.

**Prerequisite:** P02CE2, all third year subjects.

**Class requirements:** 630 hours of block placement in first semester.

**Assessment:** clinical examination, completion of minimum criteria and clinical performance (100%).

### **CLINICAL EDUCATION H (30 CPs. Sem. I or II. Bu.) PO4CEH Ms**

*Margaret Hodge*

Students are assigned to hospitals and prosthetic and orthotic centres for block clinical placements. Students, while working under supervision, are required to demonstrate initiative and ability in the areas of clinical activities, patient treatments and laboratory work. They are expected to participate as a team member and provide patient evaluations and relevant prosthetic and orthotic solutions including fitting and objective critiques of their treatment procedures. *Prerequisite:* PO2CE2, all third year subjects.

*Co-requisite:* PO4LRH.

*Class requirements:* 350 hours of block placement.

*Assessment:* clinical examination, completion of minimum criteria and clinical performance (100%).

### **CLINICAL PRACTICE REVIEW (30 CPs. Sem. I or II. Bu.) PO4CP2 Ms**

*Margaret Hodge*

Structured for conversion students who have undertaken previous diploma level studies in prosthetics and orthotics. This will increase the student's understanding and effectiveness in critical thought and evaluation of clinical practice. Students are required to submit a proposal for their assignment to the subject coordinator which includes the topic and areas to be covered in the study. Offered on a contract, or independent study basis only.

*Class requirements:* four hours per week as independent study in consultation with the subject coordinator.

*Assessment:* one 5,000-word assignment (100%).

### **HONOURS PROJECT (60 CPs. Sem. II. Bu.) PO4HPH Dr Tim Bach**

Students are to complete an independent study under the direction of their supervisor. The project may take the form of an experiment, a case study or a survey as determined in consultation with the student's supervisor. The projects should have potential to make a worthwhile contribution to prosthetics and/or orthotics knowledge. *Prerequisite:* all prosthetics and orthotics third-year subjects.

*Co-requisite:* PO4LRH, PO4CEH.

*Class requirements:* regular consultation with supervisor.

*Assessment:* one 10,000 to 12,000-word thesis (80%) and one 30-minute presentation of the thesis (20%).

### **PROSTHETICS AND ORTHOTICS LITERATURE REVIEW (30 CPs. Sem. I. Bu.) PO4LRH Dr Tim Bach**

Provides students with the opportunity to review and evaluate literature in an area related to prosthetics and orthotics. Students will select a topic for review after consultation with their supervisor. Normally, the literature review forms a chapter of the honours thesis, although it may involve an investigation of an area which is broader than, or substantially different from, that of the honours thesis project. *Prerequisite:* all third year prosthetics and orthotics subjects.

*Class requirements:* one 2-hour seminars each week. Students are also expected to consult regularly with their supervisor and to participate in the School seminar series.

*Assessment:* one critique of a relevant research article due mid-June (25%), one 5,000-word literature review due end of first semester (50%) and one oral presentation in mid-April (25%). *Due dates may vary as a result of arrangements for clinical education placements.*

## **Human Communication Sciences**

### **First year**

#### **INTRODUCTION TO COMMUNICATION DISORDERS AND PROFESSIONAL PRACTICE (15 CPs. All year. Bu.) HC1CPI Ms B. Joffe**

This subject provides an introductory overview of normal communication, disordered communication and the impact of communication breakdown. Students gain an awareness of principles and practices related to assessing and treating clients with a range of communication and swallowing problems. Experiences are provided in observing intervention sessions in speech pathology facilities outside of the University as well as within the La Trobe Communication Clinic. Students also have the opportunity to interact with simulated patients. Additionally, flexible learning tasks are set to facilitate the development of basic therapeutic skills and basic integration of knowledge. Students develop a portfolio as a start to compiling therapy materials for future clinical practice. Students are also introduced to the role and required competencies of qualified speech pathologists.

*Class requirements:* 24-hours of lectures, 21-hours of external clinic observations, 8-hours of internal clinic observations, 12 hours Flexible Learning Tasks.

*Assessment:* one 2-hour short answer exam in semester one (80%) and one portfolio in semester two (20%). Hurdle requirement: satisfactory completion of the portfolio.

#### **Prescribed reading:**

HCS Clinic Handbook, 2000.

Joffe, B., *HC1CPI Introduction to Communication Disorders and Professional Practice*, Syllabus, Study Guide & Workbook, 2000.

Morris, D. W. H., *Dictionary of Communication Disorders*, 3rd edn, London: Whurr 1997.

Shames, G., Wiig, E. H. and Second, W. A., *Human Communication Disorders: An Introduction*, Boston: Allyn & Bacon 1998.

#### **INTRODUCTION TO PHONETICS (10 CPs. Sem. II. Bu.) HC1IPH Dr P. Kipka**

Students are introduced to phonetic terms and concepts required in the field of speech pathology and provided with training in transcription as preparation for their initial clinical placement. The selection of topics focuses on articulatory phonetics (how speech sounds are pronounced) and brings in acoustic phonetics (the physical properties of speech sounds) and some phonology (the study of sound systems) to supplement and reinforce students' knowledge via data from complementary perspectives.

*Class requirements:* 26 hours of lectures and 13 hours of practice classes per semester.

*Assessment:* one 1-hour examination (50%), one 30-minute transcription test (20%) and assignments totalling about 1,000- words (30%).

#### **Prescribed reading:**

Fry, D. B. *The physics of speech*, Cambridge University Press, 1979.

Ladefoged, P. *A course in phonetics*, 3rd edn, Harcourt Brace Jovanovich, 1993.

#### **LANGUAGE ANALYSIS (10 CPs. Sem. I. Bu.) HC1LAN Dr P. Kipka**

After clarifying the relationship between language and communication and discussing the nature of the human language faculty, this subject introduces students to techniques for analysing words, phrases, clauses and sentences. To this end, both traditional terminology as well as the results of more recent research into linguistic structure are drawn upon. Clinical applications, such as profiling, are covered and the subject ends with an introduction to the analysis of discourse, situating language in a communicative context.

*Class requirements:* 32 hours of lectures and 7 hours of practice classes.

*Assessment:* one 2-page assignment (30%), and one 2-hour examination (70%). Hurdle requirement: students must pass the examination in order to pass the subject.

#### **Prescribed reading:**

Crystal, D., Fletcher, P. and Garman, M. *The grammatical analysis of language disability*, Whurr, 1989.

Hurford, J. R. *Grammar: a student's guide*, Cambridge University Press, 1994.

#### **LANGUAGE DEVELOPMENT (15 CPs. Sem. II. Bu.) HC1LAD Dr C. Parsons**

This is an introduction to the study of normal language acquisition and use. Students gain an understanding of the processes involved in normal language acquisition and development over the life span. The physiological and cognitive underpinnings of language and speech are reviewed. Pre-linguistic and nonverbal communication and the stages of semantic, syntactic, morphologic, articulatory and phonologic, speech, pragmatic functions and conversational skill acquisition are discussed. The development of language for literacy and social skills is covered. Cultural variations and factors which disrupt normal development are reviewed. There is emphasis on how to apply this information to conduct assessments of communication skills which lead to appropriate interventions. Students will need access to either a Macintosh or Windows based computer. Students are encouraged to obtain Computerised Profiling (v9.0) (Win) (free from Internet sites), Forms and Handouts (Mac/Win) (from Internet) and Computerised Reporting in Speech Pathology (Win) (free from internet) *Co-requisite:* HC1CPI (for students enrolled in HCS).

*Prerequisite:* HC1LAN (for students enrolled in HCS).

*Class requirements:* 32 hours of lectures and 20 hours of self-directed learning activities.

*Assessment:* Five short written exercises worth 5 marks each (25%); one 20-minute group presentation using PowerPoint (about 20-30 slides) (25%); an individually written assignment (25%) and one final multiple choice and short answer examination (25%).

#### **Prescribed reading:**

Haynes, W. O. and Shulman, B. B. *Communication development: foundations, processes, and clinical applications*, Sydney: Mosby-Williams & Wilkins 1998.

Owens, R. E. *Language development: An introduction*, 4th edn Needham Heights, MA: Allyn and Bacon. 1996.



**SOUND AND COMMUNICATION (5 CPs. Sem. II. Bu.) HC1SAC Dr N. Erber**

Students will learn about the role of sound in speech and hearing, with emphasis on description and measurement. Topics include laryngeal source, vocal tract resonance, sound transmission and hearing. *Class requirements:* 26 hours of lectures or demonstrations. *Assessment:* two 1-hour in-class tests (100%). Hurdle requirements: one assignment outside-of-class and a pass in each component of the assessment.

**Second year****BASIC AUDIOLOGY (5 CPs. Sem. I. Bu.) HC2AUD Dr R. J. Bench**

Students study components of the basic audiological test battery, causes and symptoms of hearing loss in children and adults and types of available prosthetic and other devices for the hearing impaired. Emphasis is on the application of audiological information, including audiogram reading, in the speech pathology clinic. Students also consider a series of theoretical and clinical problems relating to hearing and hearing loss.

*Prerequisite:* HC1IPH, HC1SAC.

*Class requirements:* 26 hours of lectures or demonstrations.

*Assessment:* one 90-minute examination which includes audiogram evaluation (100%). Hurdle requirement: satisfactory completion of one literature search project.

**Recommended reading:**

Doyle, J. *Practical audiology for speech-language therapists*, Whurr Publishers, 1998.

Bench, R. J. *Communication skills in hearing impaired children*, Whurr Publishers, 1992/93.

**COMMUNICATING WITH PEOPLE WITH SERIOUS COMMUNICATION DIFFICULTIES (5 CPs. Sem. I. or II. Bu.) HC2CWP Dr. J. Douglas.**

*Not available in 2000.*

**COMMUNICATION DISORDERS: AN INTRODUCTION (5 CPs. Sem. I. or II. Bu.) HC2CDI Dr C. Parsons**

*Not available in 2000.*

**COMPUTER APPLICATIONS TO CLINICAL SCIENCES (5 CPs. Sem. I or II. Bu.) HC2CAP Dr C. Parsons**

*Offered to Clinical Science students within the Faculty of Health Sciences subject to sufficient enrolments.*

In this elective subject students undertake a review of hardware, software, specialist software, multimedia, and internet resources for clinical sciences. Particular emphasis is placed on the administrative, assessment, and intervention role of computers unique to the students' professional interests. All students use email addresses and shown how to access email through the various laboratories in the University. Students utilise a variety of internet sites for gaining information, accessing databases, and obtaining computer programs which they can use professionally. Computer software programs are demonstrated and exercises using these programs are completed. Student use computers for their learning activities.

*Class requirements:* 6-hours of lectures/workshops and 20-hours of self-directed learning activities per semester.

*Assessment:* six computer-based exercises (25%) and one computer project determined by individualised learning contract (75%).

**DEVELOPMENTAL DISORDERS CLINIC AND PEER LEARNING****EXPERIENCE (20 CPs. Sem. I & II. Bu.) HC2DDP Dr C. Parsons**

Students work in small groups with a clinical supervisor in order to develop client management skills. Students work with individuals who have language and/or speech impairments and their families. Students will develop and integrate their knowledge of assessment, treatment and prevention of communication impairments of a developmental nature. Students gain a working knowledge of the stages of human communication development, communication disability and the health, social and cultural factors which influence these. The clinics operate within the School, or in satellite clinics staffed by La Trobe supervisors. Students are paired with a fourth year student working in the clinic and participate in peer learning meetings and discussions. Students need access to a tape recorder and two 60-minute audio cassettes, at least one 60-minute video tape and computer discs. Students are expected to obtain and use the CRiSP Report Writer (free from the internet) for use in clinic.

*Prerequisite:* HC1LAD, HC1LAN, HC1IPH, HC1SAC, HC1CPI, HB11API.

*Co-requisite:* HC2DLP, HC2CP2.

*Class requirements:* 15 sessions across two semesters.

*Assessment:* Continuous evaluation as specified in the HCS Clinic Handbook, 2000.

**DISORDERS OF LANGUAGE AND PHONOLOGY (20 CPs. Sem. I. Bu.) HC2DLP Dr C. Parsons**

Reviews the causes of communication impairments and their effects on the individual over the life span. A detailed study of impairments caused by physiological, cognitive, and learning problems which affect semantic, syntactic, morphologic, articulatory and phonologic, speech, functional pragmatic and nonverbal skills, literacy (eg. reading, writing, spelling, narrative), conversational and social skills. The principles of assessment are reviewed in the context of individuals who have impairments. There is an emphasis on alternative service delivery models and the types of interventions available for individuals with communication impairments. Students need access to either a Macintosh or Windows-based computer. Students are encouraged to obtain Computerised Profiling (Win) (free from the Internet) Forms and Handouts (from the Internet) and Computerised Reporting in Speech Pathology (Win) (free from the internet).

*Prerequisite:* HC1LAD, HC1LAN for students in HCS. Non-HCS students and single subject enrolments can take this subject with no prerequisites or co-requisites.

*Co-requisite:* HC2DDP for students in HCS. Non-HCS students and single subject enrolments can take this subject with no prerequisites or co-requisites.

*Class requirements:* 65 hours of lectures, approximately 25% of which will be allocated to self-directed learning.

*Assessment:* one exercise in assessment (25%), one exercise in intervention (25%) one exercise on people with impairments (25%); and one multiple choice and short answer examination (25%).

**Prescribed reading:**

Paul, R. (1995). *Language disorders from infancy through adolescence: Assessment and intervention.*, Sydney: Mosby Williams and Wilkins.

**DISORDERS OF SPEECH AND SWALLOWING (20 CPs. Sem. II. Bu.) HC2DSS Ms A. Scott**

Students are introduced to theoretical concepts and clinical techniques used in the assessment and management of speech and swallowing disorders of structural and neurogenic origin. This subject also covers developmental and acquired disorders.

*Prerequisite:* HB11APH, HB12ASH.

*Co-requisite:* HC2DVL, HB21NEU.

*Class requirements:* 39-hours of lectures, 22-hours of self-directed learning and 4-hours of tutorials.

*Assessment:* one 1.5-hour examination (70 %), one assignment outside-of-class (5%) and one assignment outside-of-class (25%).

**Prescribed reading:**

Groher, M. *Dysphagia: diagnosis and management*, 3rd edn, Butterworth-Heinemann

or

Logemann, J. *Evaluation and treatment of swallowing disorders*, College Hill Press 1983

or

Love, R. J. & Webb, W. G. *Neurology for the speech-language pathologist*, 3rd edn, Butterworth-Heinemann.

**DISORDERS OF VOICE AND LARYNGECTOMY REHABILITATION (15 CPs. Sem. II. Bu.) HC2DVL Dr J. Oates**

Disorders of Voice is a study of the perceptual, acoustic and physiological aspects of normal and abnormal voice production. The subject involves a comprehensive examination of aetiologies of voice disorders, diagnostic and evaluation procedures and symptomatic, medical and psychosocial rehabilitation approaches for psychogenic, functional and organic vocal pathologies. Laryngectomy rehabilitation is an overview of the medical and psychosocial aspects of laryngeal cancer, including aetiologies, classification and diagnosis, medico-surgical treatment, prognosis and social, emotional and vocational implications. Students undertake a detailed examination of the speech pathologist's role in pre- and post-operative counselling and speech rehabilitation. Oesophageal speech, tracheo-oesophageal puncture speech and artificial larynx training procedures are emphasised.

*Prerequisite:* HC1SAC, HC1IPH, HB11APH, HB12ASH.

*Co-requisite:* HC2DSS.

*Class requirements:* 52 hours of lectures, workshops and self-study projects.

*Assessment:* one 2,000-word voice essay (50%), one 30-minute voice listening test during week 13 (20%) and one 3-hour video assignment and multiple choice test in laryngectomy in week 5 of the semester (30%).

**Prescribed reading:**

Blom, E., Singer, M. I. and Hamaker, R. C. *Tracheoesophageal voice restoration following total laryngectomy*, Singular Publishing Group Inc. 1998.

Colton, R. H. and Casper, J. K. *Understanding voice problems: a physiological perspective for diagnosis and treatment*, 2nd edn, Williams and Williams 1996.

**EFFECTIVE COMMUNICATION FOR THE SUCCESSFUL PROFESSIONAL (15 CPs. Sem. I. or II. Bu.) HC2ECS Ms G Dacakis**  
*Offered subject to sufficient enrolments.*

This elective subject aims to enhance the individual's normal communication skills (eg., speech, voice and language) in order to facilitate success of the graduate in the competitive workplace. Students will be provided with the opportunity to gain an understanding of the principles of effective verbal and non-verbal communication with particular reference to the ability to present information clearly to groups. Students will be given a range of opportunities to practise their communication skills within a group situation and receive and give feedback on their performances and those of their class peers.

*Prerequisite:* Completion of first year of Bachelor Degree or equivalent.

*Quota:* 30.

*Class requirements:* 39 hours of lectures, workshops and self-directed learning over one semester.

*Assessment:* Class participation (15%), one 1,000 word critique on a prepared video-taped presentation (40%), one 15-minute prepared class presentation (15%), one 3-minute unprepared presentation (10%) and one 600-word reflective journal on each of their own presentations (20%). Hurdle requirement: Class attendance.

**Preliminary reading:**

Mohan, T., McGregor, H., Saunders, S. and Arohee, R. *Communicating! Theory and Practice* 4th edn, Harcourt Brace, 1997.

**HEARING SCREENING CLINIC (5 CPs. All year. Bu.) HC2HSC Dr R.J. Bench**

In this placement, students develop competence in performing and interpreting hearing screening procedures.

*Prerequisite:* HC1IPH, HC1SAC, HC1CP1.

*Co-requisite:* HC2AUD.

*Class requirements:* 4-hours of lectures/demonstrations, 12-hours practical and 8-hours of clinic taken in either the first or second semester.

*Assessment:* evaluation as specified in the HCS Clinic Handbook, 2000.

**Prescribed reading:**

Doyle, J. *Practical audiology for speech-language therapists*, Whurr Publishers, 1998. HCS Clinic Handbook, 2000.

**INSTRUMENTATION IN SPEECH AND HEARING SCIENCES (5 CPs. Sem. I or II. Bu.) HC2ISH Dr N. Erber**  
*Offered subject to sufficient enrolments.*

In this elective subject students receive practical experience with laboratory devices for communication analysis, for example audio and video recording, digital spectrograph, phonatory function analyser, voice level and pitch indicators, fluency measures and electropalatograph. Topics include equipment selection, measurement and calibration. Students collect basic data for analysis. Emphasis is on applications in the clinical research laboratory.

*Class requirements:* one 2-hour practical class per week.

*Assessment:* one 30-minute class presentation (25%), one 30-minute class presentation (25%), one 30-minute practical exam (25%) and one 30-minute practical exam (25%).

**Recommended reading:**

Baken, R. J. *Clinical measurements of speech and voice*, Little, Brown and Co., 1987.

Cudahy, E. *Introduction to instrumentation in speech and hearing*, Williams and Wilkins, 1988.

**PROFESSIONAL PRACTICE AND CLINICAL PROBLEM SOLVING (15 CPs. All year. Bu.) HC2CP2 Ms B. Joffe**

This subject focuses on both roles and responsibilities in professional speech pathology practice and the development of clinical reasoning skills. Students learn to identify processes involved in clinical reasoning. There is an emphasis on developing an understanding of generic principles and practices involved in assessing and treating clients across age and disorder type. An additional objective is to facilitate integration and application of this knowledge. The subject is team taught and a range of teaching styles are incorporated. Lectures commence in April and are then offered weekly for the duration of the academic year.

*Prerequisite:* HC1CP1.

*Co-requisite:* HC2DDP.

*Class requirements:* 39 hours of lectures and experiential sessions.

*Assessment:* one 2-hour short answer examination (100%).

**Prescribed reading:**

HCS Clinic Handbook 2000.

**SEMINARS IN COMMUNICATION AND ITS DISORDERS (5 CPs. Sem. I or II. Bu.) HC2SEM Dr N. Erber**

*Offered subject to sufficient enrolments.*

In this elective subject content and organisation vary according to clinical and research interests of staff. Topics may include, for example, language development and disorders in children, Down syndrome, aphasia, lip reading, ageing and communication, bilingualism, computer applications in assessment and therapy, specialised clinical materials and procedures, organisation of in-service programs for allied health-care personnel, population surveys, and so forth. Students participate in data gathering, classroom presentations, demonstrations and discussions.

*Class requirements:* one 2-hour seminar per week in first and/or second semester.

*Assessment:* one 30-minute seminar presentation (40%) and one 2,000-word project report (60%).

**Third year**

**APHASIA (20 CPs. Sem. I. Bu.) HC3APH Dr J. Douglas**

Students develop a working knowledge of the major approaches to the diagnosis and treatment of acquired aphasia and related disorders. An integrated approach to aphasia classification, assessment and treatment through the recovery process is presented. In addition to aphasia, the evaluation and treatment of communication disorders associated with traumatic brain injury, right hemisphere dysfunction and dementia are covered.

*Prerequisite:* HB21NEU.

*Co-requisite:* PH3CND.

*Class requirements:* 51-hours of lectures and 14-hours of group work.

*Assessment:* five reviews of published clinical procedures (10%) and one 2-hour examination (90%).

**AUGMENTATIVE AND ALTERNATIVE COMMUNICATION (5 CPs. Sem. II. Bu.) HC3AAC Ms K. Bloomberg and Ms H. Johnson**

Students are introduced to a variety of augmentative and alternative communication (AAC) systems and the procedures involved in the selection and design of an AAC system for severely communicatively impaired individuals. Issues and procedures used in training these individuals and their communicative partners to use these systems will also be explored.

*Class requirements:* 20-hours of lectures and 6-hours of self-directed learning activities.

*Assessment:* one case study assignment (50%) and one 1-hour short answer exam (50%).

**Prescribed reading:**

Beukelman, D. R. and Mirenda, P. (1992). *Augmentative and alternative communication: management of severe communication disorders in children and adults*. 2nd edn, Baltimore, MD: Paul H. Brookes Publishing Co.

Glennen, S. L. and DeCoste, D. C. (1997). *Handbook of augmentative and alternative communication*. Singular Publishing Group, Inc.

**AUDITORY VISUAL REHABILITATION (10 CPs. Sem. II. Bu.) HC3AUR Dr N. Erber**

Students will study communication disorders resulting from hearing and vision loss, with special emphasis on diagnostic and therapeutic methods employed with hearing and vision-impaired children and adults and their communication partners. Topics include auditory and visual abilities, language use, lip-reading, speech, conversation management and communication strategies.

*Prerequisite:* HC2AUD.

*Class requirements:* 39 hours of lectures or demonstrations.

*Assessment:* one 2-hour test (80%) and one assignment (20%).

**Prescribed reading:**

Erber, N. P. *Communication and adult hearing loss*, Clavis, 1993.

Erber, N. P. *Communication therapy for adults with sensory loss*, 2nd edn, Clavis 1996.

**COMMUNICATION INTENSIVE CLINIC (30 CPs. Sem. I & II. Bu.) HC3CIN**

Students are expected to develop client management skills in an intensive service delivery model. It is expected that the clinic may



occur over at least two varied settings. The emphasis will be on the continued development of client management skills under the supervision of a qualified speech pathologist. Students will have the opportunity to interact and work with families of clients, as well as clients with communication and/or swallowing disorders. Opportunities for group work, paired work and individual treatment sessions will be provided.

**Prerequisite:** HC2DDP, HC2DSS.

**Co-requisite:** HC3CP3.

**Class requirements:** five days of intensive clinic experience across the year and one weekend assessment camp.

**Assessment:** Continuous evaluation as specified in the HCS Clinic Handbook, 2000.

**Prescribed reading:**

HCS Clinic Handbook, 2000.

#### **RESEARCH DESIGN FOR COMMUNICATION DISORDERS (5 CPs. Sem. II. Bu.) HC3RDC Dr R. J. Bench**

This is an elective for pass degree students and compulsory for prospective honours degree students. Subject to approval of the subject coordinator, students select a research question which becomes a focus for a computer-assisted literature search and a research design proposal. Lectures and seminars are included to guide students in their independent work.

**Prerequisite:** PH2RMH.

**Co-requisite:** PH3RDA.

**Class requirements:** 26 hours of lectures, computing, assigned tasks and seminars.

**Assessment:** one research design proposal (100%). Hurdle requirement: satisfactory completion of one computer literature search.

#### **STUTTERING (15 CPs. Sem. II. Bu.) HC3STU Ms S. Block**

Covers the description of stuttering, its aetiology, assessment, methods of treatment, maintenance of fluency and various types of service delivery.

**Class requirements:** 52 hours.

**Assessment:** one video assessment (20%), one 2,000-word essay (50%) and one resource file (30%). Hurdle requirement: attendance at two clinical demonstrations.

**Preliminary Reading:**

Turnbridge, N., *The Stutter's Survival Guide*, Addison Wesley

**Prescribed reading:**

Guitar, B., *Stuttering*, 2nd edn, Williams, Twilkins 1998.

Onslow, M., *Behavioral Management of Stuttering*, Singular Press 1996

Onslow, M. and Packman, A. (eds), *Early Stuttering: A Handbook of Intervention Strategies*. Singular Press 1999

#### **THERAPEUTIC PROCESSES (15 CPs. Sem. II. Bu.) HC3CP3 Ms L. Brown**

Students are expected to develop and integrate their knowledge of communication disorders and swallowing in order to develop a comprehensive view of how to manage various challenging clients. The roles of significant other people and the use of counselling strategies is addressed. Students will work with a simulated client to develop knowledge and skills with clients with neurological disorders. Other factors in the clinical process such as supervision, linguistic diversity, report writing, adult learning and self-awareness are addressed.

**Prerequisite:** HC2DDP.

**Class requirements:** 13 three-hour lectures or workshops.

**Assessment:** two assignments (weightings will be determined by students in the first class). Hurdle requirement: participation in class seminars.

**Prescribed reading:**

Clezy G. 'Interactive analysis', in Muller, D. (ed.) *Remediating children's language: behavioural naturalistic approaches*, Croom Helm 1984.

Luterman, D., *Counselling the communicatively disordered and their families*, Little, Brown and Co 1984.

Rollin, W. *The psychology of communication disorders in individuals and their families*, Prentice Hall 1987.

#### **Fourth year**

#### **ACQUIRED DISORDERS AND DYSPHAGIA CLINIC (35 CPs. Sem. I & II. Bu.) HC4ADD Dr J. Douglas**

Students develop independence in the assessment and treatment of clients who have acquired communication and/or swallowing disorders. Students attend clinic placements offered by external clinic

facilities, or by the School and participate in a range of speech pathology activities under the supervision of a qualified speech pathologist.

**Prerequisite:** Completion of all third year subjects.

**Class requirements:** six sessions per week for seven weeks.

**Assessment:** Continuous evaluation as specified in the HCS Clinic Handbook, 2000.

**Prescribed reading:**

HCS Clinic Handbook, 2000.

#### **DEVELOPMENTAL DISORDERS CLINIC AND CLINIC MANAGEMENT EXPERIENCE (20 CPs. Sem. I & II. Bu.) HC4DDM Dr C. Parsons**

Students develop independence in the management of clients who have developmental communication impairments and/or swallowing disorders. Students will attend clinic placements offered by the School and participate in a range of speech pathology activities under the supervision of a qualified Speech Pathologist. Students will work with year two peers in a peer learning frame work, in order to develop basic clinical supervision skills. In addition, students will develop skills in aspects of clinic management, planning and procedures.

**Prerequisite:** Completion of all third-year subjects.

**Class requirements:** 1 session per week for 14 weeks.

**Assessment:** Continuous evaluation as specified in the HCS Clinic Handbook, 2000 (100%). Hurdle requirements: completion of a Management Project and attendance at a Speech Pathology Australia Meeting.

**Prescribed reading:**

HCS Clinic Handbook, 2000.

#### **INVESTIGATIVE PROJECT (50 CPs. All year. Bu.) HC4INV Dr R.J. Bench**

*For honours students only.*

Students review the relevant literature, refine a research question and research design in conjunction with an academic staff supervisor. Depending on the question posed, the method used in the project may involve one or more of literature evaluation, empirical or experimental study, case study, inferential or theoretical work, survey, etc. The subject consists mainly of pilot work and data collection, data analysis, seminar preparation and presentation and writing of a minor thesis.

**Prerequisite:** HC3RDC plus criteria given above under "Honours program".

**Class requirements:** 5-hours of lectures, 10-hours of small-group meetings, or discussions with staff supervisors and 265-hours of independent work.

**Assessment:** one seminar (20%) and one 10,000 to 12,000-word minor thesis (80%).

#### **SPECIALIST CLINICS (55 CPs. All year. Bu.) HC4SPC**

Students select from a range of clinical experiences offered from within the School and from external clinic agencies. The placement emphasises the development of independent management of clients with a wide range of communication disorders under the supervision of a qualified speech pathologist. Students are expected to carry out the broad range of activities associated with the role of the Speech Pathologist. Students may attend more than one clinical facility during the placements and may be placed in rural and remote areas.

**Prerequisite:** Completion of all third year subjects.

**Class requirements:** 36 days of clinic that may occur in Semester 1 and/or 2.

**Assessment:** Continuous evaluation as specified in the HCS Clinic Handbook, 2000.

**Prescribed reading:**

HCS Clinic Handbook, 2000.

#### **SPECIALIST CLINICS - HONOURS (50 CPs. All year. Bu.) HC4SPH**

This placement, for honours students only, emphasises the development of independent management of clients who demonstrate a range of communication disorders. In this placement students experience the real working environment of speech pathologists and are expected to participate in a variety of activities relevant to the situation. Students may attend more than one clinic in a region and may be placed in country areas. Students participate in feedback sessions with their clinical supervisors.

**Class requirements:** 36 days of Clinic that may occur in Semester 1 and/or 2.

**Assessment:** continuous evaluation as specified in the HCS Clinic Handbook, 2000.

**Prescribed reading:**

HCS Clinic Handbook, 2000.

**PROFESSIONAL ISSUES (10 CPs. Sem. I. Bu.) HC4CP4 Ms G.**

*Dacakis*

A broad range of issues impact on the professional functioning of a speech pathologist. Students will explore issues which relate to clinical administration, legal and ethical aspects of speech pathology, marketing the profession, safety in the workplace, maintenance of a high quality health care service and the role of the speech pathologist in various settings.

**Class requirements:** 26 hours of lectures or workshops.

**Assessment:** one 1,200-word written assessment (50%), one class presentation (20%) and one 1-hour class test (30%).

**National Institute for Deaf Studies And Sign Language Research**

**AUSLAN**

**ACADEMIC ENGLISH FOR DEAF STUDENTS (15CPs. Sem. I. Bu.)**

**HC1DE1 Ms Veronica Pardo**

This subject introduces deaf students to the wide range of skills needed in a university environment. It enables students to develop their English language literacy and numeracy skills in an academic context. Students will examine the issues in developing written academic discourse from a deaf perspective. The course will focus on reading and writing English particularly in relation to producing essays, tutorial papers and laboratory reports and in the critical evaluation of written texts. Library studies will include bibliographic research skills. It will also consider ways of understanding statistics as used in academic reports. Students will be introduced to the main computer programs used for essay production and the use of email and the internet.

**Class requirements:** two 2-hour seminars per week.

**Assessment:** class exercises (30%), one class presentation (30%), one 500-word essay (10%) and one 2,500-word essay (30%).

**Prescribed reading:**

Bate, D. and Sharpe, P., *Writers Handbook for university students*. Harcourt Brace, 1996.

**AUSLAN 1-1 (15CPs. S or Sem. I. Bu.) HC1AN1 Ms Berna Hutchins**

In this subject, students concentrate on developing practical abilities in both the reception and production of Australian Sign Language (AUSLAN) to a level of basic communicative competence. Students are introduced to the grammatical structures of AUSLAN and the use of the language in its appropriate cultural and social context.

**Class requirements:** one 3-hour seminar per week and a minimum of 1.5-hours per week in a video session.

**Assessment:** class exercises (20%), one 15-minute oral test (40%) and one 1-hour examination (40%).

**Prescribed reading:**

Branson, J., Adam, R., Bernal, B., Miller, D. and Toms, J. *Introduction to AUSLAN level 2*, NIDS 1995.

Branson, J., Toms, J., Hutchins, B., Linder, S., Beasley, J., Miller, D., Bernal, B. and Peters, G. *Introduction to AUSLAN Level 1*, La Trobe University Language Centre, 2nd Edition 1997.

Pardo V. (ed.) *Sign Language Readings 1*, NIDS 1999

**AUSLAN 1-2 (15CPs. Sem. II. Bu.) HC1AN2 Ms Berna Hutchins**

In this subject, students continue to concentrate on developing practical abilities in both the reception and production of Australian Sign Language (AUSLAN) to a level of basic communicative competence. Students are introduced to the grammatical structures of AUSLAN and the use of the language in its appropriate cultural and social content.

**Prerequisite:** HC1AN1.

**Class requirements:** one 3-hour seminar and a minimum of 1.5-hours per week in a video session.

**Assessment:** Class exercises (20%), one 15-minute oral test (40%) and one 1-hour written exam (40%).

**Prescribed reading:**

Branson, J. et al. *Introduction to AUSLAN level 1*, La Trobe University Language Centre Melbourne 1992.

Branson, J. et al. *Introduction to AUSLAN level 2* La Trobe University Language Centre Melbourne 1995.

Pardo, V. (ed.) *Sign Language Readings 1*, NIDS, 1999.

**AUSLAN 2-1 (20 CPs. Sem. I. Bu.) HC2AN1 Ms Jennifer Toms and Ms Berna Hutchins**

Students concentrate on further developing their communicative competence in both receptive and productive skills. Students focus on the use of informal registers and discourse forms in the language. The issue of language variation within the deaf community will be discussed.

**Prerequisite:** HC1AN2 or equivalent.

**Class requirements:** one 2-hour seminar or lecture plus one 2-hour tutorial per week and at least three hours per week in a video session.

**Assessment:** four class exercises (20%), one 15-minute oral test (40%) and one 2-hour examination (40%).

**Prescribed reading:**

Erting, C., Johnson, R., Smith D. and Snider, B. *The Deaf Way*, Gallaudet University Press 1994.

Johnston, T. *AUSLAN dictionary: a dictionary of the sign language of the Australian deaf community*, Deafness Resources Australia 1989.

Kyle, J. G. and Woll, B. *Sign languages: the study of deaf people and their language*, Cambridge UP 1985.

Lucas, C. *The sociolinguistics of the deaf community*, Academic Press, Harcourt, Brace and Janovitch 1989.

**AUSLAN 2-2 (20 CPs. Sem. II. Bu.) HC2AN2 Ms Jennifer Toms and Ms Berna Hutchins**

In this subject, students continue to concentrate on further developing their communicative competence in both receptive and productive skills. Students focus on formal registers and discourse forms used in the language. The issue of language variation within the deaf community will be discussed.

**Prerequisite:** HC2AN1 or equivalent.

**Class requirements:** one 2-hour seminar or lecture and two 1-hour tutorials per week and at least three hours per week in a video session.

**Assessment:** four class exercises (20%), one 15-minute oral test (40%) and one 2-hour examination (40%).

**Prescribed reading:**

Erting, C., Johnson, R., Smith D. and Snider, B. *The Deaf Way*, Gallaudet University Press 1994.

Johnston, T. *AUSLAN dictionary: a dictionary of the sign language of the Australian deaf community*, Deafness resources Australia 1989.

Kyle, J. G. and Woll, B. *Sign languages: the study of the deaf and their language*, Cambridge UP 1989.

Lucas, C. *The sociolinguistics of the deaf community*. Academic Press. Harcourt, Brace and Janovitch 1989.

Wilbur, R. *American sign language: linguistic and applied dimensions*, Little, Brown and Company 1987.

**AUSLAN 3-1 (20 CPs. Sem. I. Bu.) HC3AN1 Ms Jennifer Toms and Professor Jan Branson**

This subject critically examines the emergence of the deaf community in Australia and its development out of the colonisation of Australia. It examines the very beginnings of that community from the arrival of the first deaf person in Australia on the Second Fleet and the establishment of Schools of the Deaf in the 19th century to the community today. It traces the historical origins of linguistic and educational ideas that the early members of the community brought with them to Australia. Topics studied include the impact of spoken and written languages on the development of AUSLAN and other signing systems, finger spelling systems from the Middle Ages, and a comparison of Western and Asian signing communities.

**Prerequisite:** HC2AN2 or equivalent.

**Class requirements:** four 1-hour seminars or lectures per week and at least three hours per week in a video session.

**Assessment:** class exercises (20%), one 15-minute oral test (40%) and one 2-hour examination (40%).

**Recommended reading:**

Branson, J. E. (ed.) *A deaf studies reader*. NIDS, La Trobe University 1998.

Fischer, R and Lane, H. *Looking back*, Signum Press, Hamburg 1993.

**AUSLAN 3-2 (20 CPs. Sem. II. Bu.) HC3AN2 Ms Veronica Pardo and Ms Jennifer Toms**

The link between linguistic structures in AUSLAN and the effect on the language of not having a literate form is examined. Students focus on the use of narrative and poetic discourse forms in AUSLAN and study the recent material on deaf culture and deaf history. This work will be placed within the context of research on the linguistic minorities.

**Prerequisite:** HC3AN1 or equivalent.

**Class requirements:** four 1-hour seminars or lectures per week and at least three-hours per week in a video session.

**Assessment:** four class exercises (20%), one 15-minute oral test (40%) and one 2-hour examination (40%).

**Recommended reading:**

Fischer, R. and Lane, H. *Looking back*, Signum Press, Hamburg 1993.  
 Phillipson, R. *Linguistic imperialism*. OUP 1992.  
 Wilbur, R. *American sign language: linguistic and applied dimensions*, Little, Brown and Company 1987.

**Nursing – Pre-registration****First year**

**HEALTH ASSESSMENT (15CPs. Sem. II. Bu., Aw.) NU1HAL/ WNU1HAL** Bu: Ms Elizabeth Watt, Aw: Ms Yolanta McLaughlin.  
*This subject is currently being revised for 2000.*

This subject allows students the opportunity to develop skills in health assessment and clinical reasoning. They will be assisted to consolidate interpersonal skills and concepts from the life sciences in the process of health assessment and problem-solving. Topics will include: logical processes, models of decision making, skills and processes of physical examination, mental health assessment, measurement of vital signs, history taking and ethical terminology. Students will develop a systematic framework for patient assessment, and will have the opportunity to practice in the laboratory and with simulated patients. Clinical practice will involve application of these skills on healthy individuals across the lifespan from various community settings.

*Class requirements:* 15 hours of lectures, 17 hours laboratory practice and 20 hours clinical practice.

*Assessment:* one 2,500-word Health Assessment project (50%) and one 30-minute physical and competency skills assessment exam (50%).

**HEALTH CARE PERSPECTIVES (15 CPs. Sem. II. Bu, Aw.) NU1HCP/ WNU1HCP** Bu: Ms Elizabeth Lavender, Aw: Ms Judith Barber.

This subject comprises two modules. The first module introduces nursing students to the various approaches to health care with a focus on primary health care. The role of the nurse as a political agent within a changing health care system is explored, with particular emphasis on empowerment for various communities. Students examine the emergence of competing practices for health such as traditional Chinese medicine and naturopathy and the nurse's role in accommodating same. The second module incorporates the content of PH1AH1.

*Class requirements:* two hours of lectures, one hour of tutorial and one hour of self directed learning using a learning package per week.

*Assessment:* Module 1: one 3,000-word assignment (67%) Module 2: one 1,500-word assignment (33%). Hurdle requirement: students must pass both modules.

**HUMAN ECOLOGY AND ANATOMY (15 CPs. Sem. II. Bu, Aw.)**

**PH1HEA /WPH1HEA** Bu: Ms Debra O'Connor, Aw: Dr Charu Mishra.  
*This subject currently being revised for 2000.*

This subject comprises two modules. The first module is equivalent to HB12AON, which will develop further the principles of anatomy as applied to the location and physical relationships between major organ systems of the head and trunk. The second module examines the health status of humans as part of a population in relation to adaptation to environmental change. Content includes humans, their health and disease in relation to ecosystems and the interplay between biological and cultural processes.

*Class requirements:* Module 1: 18-hours of lectures and 8-hours of practice laboratory sessions. Module 2: 39-hours of lectures.

*Assessment:* Module 1: one 1-hour written examination (70%), two 10-minute practical tests (5% each) and one 500-word assignment (20%). Module 2: One 2,000-word assignment (100%). Module 1 will be worth 1/3 of the total mark. Module 2 will be worth 2/3 of the total mark. Hurdle requirement: Students must pass both modules.

**NURSING: INTRODUCTION TO PROFESSIONAL PRACTICE (10 CPs. Sem. I. Bu , Aw.) NU1IPP/ WNU1IPP** Bu: Ms Susan Koch, Aw: Ms Betty Carrasco

This subject aims to allow students to develop an understanding of the profession of nursing, the development of a professional identity, and the role and context of professional practice. A nursing perspective on such areas as law and ethics, autonomy, and advocacy will be included. Communication is integral to the unique nurse/patient relationship. Existing skills will be expanded, and the ways in which impaired health can influence the communication process will be explored. The importance of self as a therapeutic tool will be emphasised, and therefore the need for awareness of and insight into the significance of emotions, beliefs and values will be discussed.

*Class requirements:* 28 hours of lectures, 11 hours of self directed learning and 7 hours of field visits to meet with health care workers employed in a variety of health care agencies.

*Assessment:* two 2,000-word assignments (50% each).

**Second year**

**HEALTH EDUCATION (5 CPs. Sem. I. Bu., Aw.) NR204/WNR204** Bu: Ms Di Temby, Aw: Ms Judith Barber

Students are presented with an overview of health education as an important nursing role. Topics addressed include philosophical and ethical issues, theories and models of patient teaching and principles of planning, implementing and evaluating education projects. The emphasis is on promoting health with individuals and families within the context of nursing practice. Major social, political and cultural influences on health education and promotion are examined. An analysis of the health promotion role of the nurse is integral to this subject which also involves a clinical practicum where students have the opportunity to plan a health teaching project.

*Prerequisite:* all first-year subjects.

*Co-requisite:* NR210.

*Class requirements:* 13 hours of lectures, 13 hours of guided study and group-work and 13 hours of clinical practice.

*Assessment:* one 1,500-word plan of a health teaching project (80%) and one presentation of a health teaching project (20%).

**NURSING THERAPEUTICS AND PRACTICE 1 (40 CPs. Sem. I. Bu., Aw.) NR210/WNR210** Bu: Ms Helen. Forbes, Aw: Ms Yolanta McLaughlin

Students have the opportunity to study the effect of illness on the ability of individuals to care for themselves. Using a problem-based learning approach, students are introduced to therapeutic nursing practices which are designed to promote, maintain and improve health status. Emphasis is placed on the importance of nursing assessment in identifying, planning, intervening and evaluating client problems and the legal implications for practice. A major focus is the hazards of immobility on all body systems, including emotional and spiritual well being. Related topics include alterations in comfort, hygiene, nutrition, elimination, respiration, circulation, body temperature and common medical treatments. The pathophysiological bases of these problems and therapies are identified and related to the rationale for nursing care, particularly as they apply to the ageing process. The clinical learning component of this subject is conducted in extended care settings.

*Prerequisite:* all first-year subjects.

*Co-requisite:* HB21PAG.

*Class requirements:* 55 hours of problem-based learning sessions, 35 hours of laboratory activities and 170 hours of compulsory clinical practice.

*Assessment:* one 2-hour end of semester exam (25%), a 2,500- word case analysis project, including a literature review (25%), a clinical reasoning skill performance assessment (50%). Hurdle requirement: attendance at problem-based learning sessions, laboratory activities and clinical practice.

**NURSING THERAPEUTICS AND PRACTICE 2 (40 CPs. Sem. II. Bu., Aw.) NR220/WNR220** Bu: Ms Maxine Duke, Aw: Ms Pamela van der Riet

Problem-based learning strategies are utilised to introduce students to a range of therapeutic practices related to the care of individuals experiencing episodic illness. The pathophysiological mechanisms specific to particular patient problems are explored. Topics include assessment and management of the person experiencing illness, pain, infection, alteration in skin integrity (wounds), fluid and electrolyte disturbance, nausea and vomiting, respiratory alterations, pharmacological and surgical interventions. Cultural, ethical and legal aspects of patient care are examined in the context of acute care settings and students are able to explore and critically analyse the role of the nurse as an integral member of the health care team.

*Prerequisite:* all first-year subjects, enrolment and participation in NR210 and HB21PAG.

*Class requirements:* 20 hours of lectures, 10 hours of problem- based learning sessions, 30 hours of laboratory activities and 174 hours of clinical practice.

*Assessment:* 2,500-word case analysis project, including a literature review (25%), one 2-hour exam (25%), clinical practicum assessment (50%). Hurdle requirement: attendance at problem-based learning sessions, laboratory activities and clinical practice.

**PROFESSIONAL NURSING STUDIES 3 (10 CPs. Sem. I. Bu., Aw.) NR201/WNR201** Bu: Ms Beverley Wood, Aw: Ms Eileen Clark

The focus is nursing research for nursing practice. Students are introduced to principles of qualitative and quantitative methodology,

research design, methods of data collection and basic statistics. The application of research to nursing practice is examined. The aim is to develop skills in critique of research and an appreciation of the value of research in extending and evaluating nursing practice.

**Prerequisite:** NR103.

**Class requirements:** 34 hours of lectures and five hours of tutorials (3 contact hours per week).

**Assessment:** a critique of one nursing research report of 1,000-words (50%) and one 2-hour examination (50%).

#### **PROFESSIONAL NURSING STUDIES 4 (5 CPs. Sem. II. Bu., Aw.)**

**NR205/WNR205** Bu: Ms Di Temby. Aw: Ms Betty Carrasco

Students are presented with contemporary issues pertaining to the goals, focus and context of professional nursing. The subject aims to educate students in recognition and analysis of issues, which may affect their professional development and practice. Students are presented with a series of seminars dealing with specific issues and have the opportunity to select one issue for critical examination. As this subject deals with those issues which are of contemporary interest to the profession, topics are selected at the beginning of each academic year.

**Prerequisite:** NR101.

**Co-requisite:** NR210.

**Class requirements:** 14 hours of lectures and 12 hours of seminars.

**Assessment:** one issues portfolio of 1,000-words (30%) and one issue critique of 1,500-words (70%).

#### **THE FAMILY IN TRANSITION (15 CPs. Sem. II. Bu., Aw.) NR208/**

**WNR208** Bu: Ms Sharon Gan. Aw: Ms Jenny Black

The focus is the family as the context of nursing care. Utilising a problem-based learning approach, the family is explored from psychosocial, biophysical developmental and transitional perspectives, giving emphasis to issues impacting on family functioning and health needs. The role of the nurse in working with and caring for families is reviewed. Family nursing assessment and the communication skills essential to this role receive particular attention within the practicum, where family observation and assessment are undertaken by students.

**Prerequisite:** NR210, enrolment and participation in NR201, NR204.

**Co-requisite:** NR220.

**Class requirements:** eleven 2-hour lectures, seven 2-hour problem-based learning sessions, and 70 hours of clinical practice.

**Assessment:** one oral presentation (20%) and one 1,500-word case study (80%).

### **Third year**

#### **NURSING PRACTICE ELECTIVE (15 CPs. Sem. II. Bu., Aw.) NR307/**

**WNR307** Bu: Ms Sharon Gan. Aw: Ms Christine Thwaites

This comprises a range of options which enable students to explore one particular area of clinical nursing practice. The focus of each option is the study and application of theoretical concepts in the associated clinical setting and provides students with insights into an area of nursing practice they may wish to pursue following graduation. Clinical experience venues are determined by the selected option and involve students engaging in nursing practice guided by experienced practitioners.

**Prerequisite:** enrolment and participation in NR310.

**Co-requisite:** NR301.

**Class requirements:** six 2-hour lectures, six 2-hour seminars, 10 hours of self-directed learning and 70 hours of clinical practice.

**Assessment:** negotiable by contract (equivalent to a 3,000-word paper and completion of clinical placement objectives) (100%).

#### **NURSING THERAPEUTICS AND PRACTICE: MENTAL HEALTH AND**

**ILLNESS (15 CPs. Sem. II. Bu., Aw.) NR309/WNR309** Bu: Ms Karen

Nightingale. Aw: Ms Judith Barber

The focus is to provide the student with the opportunity to learn about the manifestations and impact of mental illness on the individual and their family. The aim is to promote nursing knowledge and skills in relation to mental illness and for students to integrate them in an holistic manner in their nursing practice. There is an emphasis on assessment of mental status and the use of assessment data to plan and implement total nursing care. Students become familiar with theory and practices related to contemporary concepts of mental health and illness and some specific treatment and therapeutic modalities and the implications for practice of the Mental Health Act, 1986.

**Prerequisite:** all first-year and second-year subjects.

**Class requirements:** 18 hours of lectures, 6 hours of seminars, 10 hours of tutorials and compulsory attendance at 70 hours of clinical practice in a two week block.

**Assessment:** completion of clinical placement objectives (ungraded hurdle requirement), one 1,500-word case study (50%) and one 1.5-hour exam (50%).

#### **Prescribed reading:**

Keltner, N. L., Schwecke, L. H. and Bostrom, C. E., 2nd edn, *Psychiatric nursing: A psychotherapeutic management approach*, Mosby 1995.

#### **NURSING THERAPEUTICS AND PRACTICE 3 (30 CPs. Sem. I. Bu., Aw.) NR310/WNR310** Bu: Ms Nicole Phillips. Aw: Ms Christine Thwaites

Problem-based learning strategies are utilised to assist students to develop and integrate knowledge and skills related to a range of therapeutic practices used in the care of individuals with complex, acute and/or chronic illness. Topics include assessment and management of the person experiencing complex problems associated with alterations in elimination, nutrition, metabolism, respiratory and cardiac illness, as well as discharge planning and patient and family education. The relevant pathophysiology and psychology of disease processes are also incorporated. The clinical component enables students to utilise their knowledge and skills by actively participating in the delivery of complex patient care in an acute care setting.

**Prerequisite:** all first-year and second-year subjects.

**Class requirements:** 20 hours of lectures, 20 hours of problem-based learning sessions [hurdle requirement], 14 hours of laboratory activities [hurdle requirement] and compulsory attendance at 140 hours of clinical practice.

**Assessment:** one 2,500-word case analysis project, including a literature review (25%), one 2-hour exam (25%) and clinical practicum assessment (50%).

#### **NURSING THERAPEUTICS AND PRACTICE 4 (20 CPs. Sem. II. Bu.,**

**Aw.) NR320/WNR320** Bu: Ms Helen Forbes. Aw: Ms Yolanta

McLaughlin

Provides students with the opportunity to synthesise and consolidate knowledge and skills acquired throughout the course in the delivery of holistic care for a group of patients. In the theoretical component, problem-based learning strategies are used to focus on therapies involved in the helping role of the nurse, such as the promotion of comfort (non-pharmacological pain relief, touch, emotional support) and presencing (being with the patient). Students are encouraged to explore a therapy of their choice, to investigate its usefulness in the individual context and critically analyse the literature related to this therapy. The clinical experience is in the acute care setting where students have the opportunity to gain skills in the care of a group of patients.

**Prerequisite:** All first-year and second-year subjects.

**Class requirements:** 30 hours of problem-based learning sessions and compulsory attendance at 104 hours of clinical practice.

**Assessment:** one 3,000-word case analysis project, including a literature review (50%) and clinical practicum assessment (50%).

#### **PRIMARY HEALTH CARE (20 CPs. Sem. I. Bu., Aw.) NR304/WNR304**

Bu: Ms Clare Carberry. Aw: Ms Jenny Black

Students are introduced to the primary health care approach, community development principles and health promotion in their theoretical and practical applications. Stories from practice are the vehicle through which both community nursing practice and the Australian community's social health issues are critically examined. Topics such as poverty, homelessness and substance use are studied in the context of recent major changes in the health system, such as deinstitutionalisation and early discharge, which affect the primary health care sector. Clinical experience is gained in community-based health services where students have the opportunity to explore health-care issues and critically appraise the role of the community nurse practitioner.

**Prerequisite:** NR210.

**Class requirements:** 20 hours of lectures, 20 hours of problem-based learning sessions and 90 hours of clinical practice.

**Assessment:** pre-placement assessment composed of five short pieces of 300-words (5% each) and a final major assignment of 2,500-words (75%).

#### **PROFESSIONAL NURSING STUDIES 5 (10 CPs. Sem. I. Bu., Aw.)**

**NR305/WNR305** Bu: Ms Di Temby. Aw: Ms Betty Carrasco

The focus here is on the realities and ideals of professional nursing practice which provide a theoretical foundation for students beginning professional roles. Topics include care delivery modalities, leadership, constructing a professional resumé, career development and nursing information systems. In addition, opportunity is provided for students to explore issues of transition from education to practice. Clinical practice involves students visiting acute and

extended care hospitals where they have the opportunity to observe and critique a variety of nursing roles and practices related to patterns of care, unit management and the impact of computers on health-care services.

*Co-requisite:* enrolment in a clinical subject.

*Class requirements:* 23 hours of lectures, 19 hours of workshops and 10 hours of clinical practice.

*Assessment:* one 2,500-word essay (70%) and one group seminar presentation equivalent (30%).

#### **PROFESSIONAL NURSING STUDIES 6 (10 CPs. Sem. II. Bu., Aw.)**

**NR301/WNR301** Bu: Dr Michael Wilson. Aw: Ms Betty Carrasco

Students are presented with an opportunity to study the theoretical foundations of professional nursing. Topics include nursing theories, transcultural nursing, bio-ethics and the influence of technology on health care. This subject provides students with beginning skills in development of a theoretical framework for practice.

*Prerequisite:* NR201, NR205, NR220.

*Class requirements:* 20 hours of lectures and 19 hours of seminars.

*Assessment:* one 3,000-word essay (100%).

#### **NURSING - POST-REGISTRATION**

##### **CRITICAL ANALYSIS OF CONTEMPORARY NURSING PRACTICE (15**

**CPs. Sem. II. Bu.) NU167** Bu: Ms Beverley Wood

This is an issues based subject centred on contemporary nursing practice. Students have the opportunity to explore the generalist nursing role within the context of a selected practice setting. Through the processes of journaling, classroom lectures, group discussions, practicum and seminar presentations students have the opportunity to: analyse contemporary issues arising from nursing practice and identify the implications of these issues for nursing education; analyse current nursing therapeutic regimens; appraise the effectiveness of reflective writing for issue clarification; and explore options for effecting improvement in quality nursing practice.

*Class requirements:* 14 hours of lectures and 25 hours of small-group work.

*Assessment:* one 3,000-word assignment (100%) Hurdle requirement: satisfactory performance in practicum monitored through the submission of a professional clinical journal and seminar presentation.

##### **FAMILY NURSING CARE (15 CPs. Sem. II. Bu.) NU113** Bu: Ms

Sharon Gan

Examines the nursing care of the family from social, structural, developmental, cultural and transitional perspectives. Family nursing theories and interventions are critiqued as they relate to nursing practice in a changing society. Opportunity is provided for the student to develop links between theory and practice by reflection on family nursing assessment and identifying appropriate interventions. This process draws upon and adapts previously learnt communication skills.

*Prerequisite:* NU103.

*Class requirements:* thirteen 2-hour lectures and thirteen 1-hour tutorials and group work.

*Assessment:* one 2,500-word case study (70%) and one group seminar presentation (30%).

##### **HEALTH ASSESSMENT FOR NURSING PRACTICE (20 CPs. Sem. I.**

**Bu.) NU166** Bu: Ms Jacqui Behan

The primary theme is holistic health assessment and its pivotal role in professional nursing practice. Students have the opportunity to explore and reflect upon different approaches to health assessment in order to identify their strengths and develop new skills in health assessment and clinical decision making.

*Class requirements:* 31 hours of lectures, eight hours of tutorials plus the equivalent of four hours practicum per week.

*Assessment:* one health-assessment practical examination (50%) and one 2,500-word assignment (50%).

##### **HEALTH CARE PERSPECTIVES (15 CPs. Sem. I. Bu.) NU153** Bu: Ms

Elizabeth Lavender

The concept of health and illness is examined within the broad context of historical, social, cultural, political, economic and environmental influences. Patterns of health and illness within Australia and internationally are examined, as is the organisation of health care in Australia. The initiatives of the World Health Organisation and the goal of 'Health for all by the year 2000' are discussed. Specific health issues are discussed from a nursing perspective in order to identify ways in which nurses can plan for, participate in and show leadership in ongoing changes in health care.

*Class requirements:* 39 hours of lectures.

*Assessment:* one 3,000-word essay.

##### **HUMAN RELATIONS IN NURSING - COUNSELLING (15 CPs. Sem. I.**

**Bu.) NU103** Bu: Ms Elizabeth Lavender

Provides an opportunity for students to further develop their interpersonal and counselling skills. It is based on humanistic models of communication and counselling practice. Work is conducted in small groups providing opportunities to practise skills, receive feedback, discuss insight and reflect upon practice.

*Class requirements:* 12 hours of lectures and 27 hours of group work.

*Assessment:* participation in 80% of group work and evaluation of a video-taped interview (100%).

##### **Prescribed reading:**

Egan, G. *The skilled helper*, 5th edn, Pacific Grove: Brooks Cole 1994.

##### **LEARNING AND TEACHING IN NURSING PRACTICE (15 CPs Offshore) NU191**

This subject offers students an overview of the theories of teaching and learning that are used in nursing education. Students have the opportunity to examine the impact such theories have on nursing education content, process, evaluation and practice. Nursing educational research and personal experiences are utilised to identify current issues in nursing education. In addition, factors which influence adults as learners, and adult learning methods, are addressed. A range of teaching styles in relation to a variety of teaching and learning situations in nursing is explored and analysed through the use of theories based on the psychology and sociology of adult learners. Students are also encouraged to reflect upon teaching and learning experiences and practices, in order to further develop strategies to enhance the problem-solving skills of nurses.

*Class requirements:* 12 hours of tutorials supported by a study guide.

*Assessment:* one 2,500-word assignment.

##### **NURSING KNOWLEDGE A (15 CPs. Sem. I. Bu.) NU122** Bu: Ms

Marilyn Richardson

Designed to assist students to gain an understanding of the history and development of nursing knowledge. A review of the different epistemologies influencing nursing knowledge is offered. Students are encouraged to critically analyse contemporary viewpoints in an attempt to ascertain how nursing knowledge may be used to guide their own practice.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial each week.

*Assessment:* one 3,000-word essay (100%).

##### **NURSING PRACTICE AND ETHICS (15 CPs. Sem. II. Bu.) NU192** Ms

S. Hunter

Not offered in 2000.

##### **RESEARCH FOR NURSING PRACTICE (15 CPs. Sem. II. Bu.) NU201**

The content is identical to that of NR201 Professional Nursing Studies 3. See the Index of subjects at the back of the Handbook for the location of the description of that subject.

##### **TRANSCULTURAL NURSING 1 (10 CPs. Sem. II. Bu.) NU190** Ms O.

Kanitsaki

An opportunity is provided for exploration and application of transcultural nursing concepts in a multicultural and technological health care context. The applications carry an emphasis on using students' own clinical practice context and experience to reflect critically upon the related health-illness responses, beliefs, values, knowledge, practices and attitudes of persons from different cultural and linguistic backgrounds within the Australian health-care context. Students have the opportunity to identify and analyse transcultural nursing care processes and to incorporate these into decision making and nursing practice.

*Class requirements:* 16 hours of lectures and 10 hours of seminars.

*Assessment:* one 3,000-word essay.

#### **Honours Program**

##### **ADVANCED NURSING PRACTICE: reflection and action (15 CPs.**

**Sem. II. Bu., Aw.) NU210** Bu: Ms Olga Kanitsaki.

The aim is to develop the ability to describe, reflect upon and critically analyse advanced nursing practice. Students have the opportunity to investigate selected areas of practice by engaging in an exploration of an issue that arises from their own practice area. Aspects of study include evidence based practice, advanced or independent nursing practice and specialisation.

*Class requirements:* 16 hours of lectures, 13 hours of tutorials and 10 hours of self-directed learning, plus 20 days of practicum in an approved specialty nursing area.

*Assessment:* one 3,000-word essay (100%). Hurdle requirement: practicum.



**HISTORY AND PHILOSOPHY OF NURSING 1 (15 CPs Sem. I. Bu., Aw.) NU801B/WNU801B** Bu: Ms Olga Kanitsaki. Aw: Ms Judith Barber

The development of nursing thought is traced within the dominant western intellectual tradition and within the context of broader societal trends. The influence of scientific thought upon knowledge development and practice in nursing is examined and more recent trends in knowledge development in nursing explored.

**Class requirements:** 26 hours of lectures and seminars and 13 hours of tutorials.

**Assessment:** one presentation (20%) and one 2,500-word assignment (80%).

**RESEARCH METHODS (15 CPs. Sem. II. Bu., Aw.) NU820/WNU820**

Bu: Dr Ken Sellick

Designed to enable students to develop a research proposal in readiness for implementation of the research component of higher degree studies. A variety of research designs are explored and opportunities provided for the development of the planning and writing skills required for a thesis.

**Class requirements:** 21 hours of lectures, 9 hours of tutorials, 9 hours of seminars.

**Assessment:** research proposal and ethics approval application, equivalent to 3,000-words (100%).

**RESEARCH PROJECT (60 CPs. All year. Bu., Aw.) NU899/WNU899**

Bu: Dr Linda Worrall-Carter

Enrolment is required when students undertake the research essay or project component of the course.

**Class requirements:** Participation in a fortnightly research seminar, held to assist students to access appropriate supervision and to foster research collegiality during the conceptualisation and implementation process, is expected.

**Assessment:** one 10,000 to 12,000-word thesis (100%). Hurdle requirement: work in progress reports at research seminars as required and one formal presentation at the seminar.

**RESEARCH SKILLS (15 CPs. Sem. I. Bu., Aw.) NU810/WNU810** Bu: Dr Ken Sellick

Provides students with the opportunity to further develop the knowledge and skills to plan and conduct quantitative and qualitative nursing research studies. Particular emphasis is given to the investigation of clinical practice and the evaluation of nursing interventions.

**Class requirements:** 15 hours of lectures, 12 hours of tutorials, 12 self-directed hours.

**Assessment:** a portfolio of work equivalent to 3,000-words (100%).

**Occupational Therapy**

**First year**

**CLINICAL PREPARATION (5 CPs. Sem. I. Bu.) OTPT100** Ms D. Best and Ms J. Fricke

Provides an orientation to clinical practice for allied health professionals. The roles of health professionals, their inter-relationships and their location within the structure of the health care system are considered. Students will be introduced to aspects of clinical practice, including safe practice, ethical and legal implications of patient care and communication with patients and other health care practitioners.

**Class requirements:** one 1-hour lecture per week, five 3-hour practicums and five 1-hour tutorials.

**Assessment:** one 30-minute multiple-choice exam (50%), one 10-minute practical exam (50%). Hurdle requirement: satisfactory completion of a clinical portfolio.

**HUMAN DEVELOPMENT FOR OCCUPATIONAL THERAPISTS (10 CPs. Sem. II. Bu.) OT1DEV** Ms E. Kraus

Students are introduced to the physical, cognitive and socio-emotional development of humans across the life span (ie. infancy, childhood, adolescence, early and middle adulthood and old age). Issues relating to physical, cognitive and socio-emotional areas of development are discussed with reference to appropriate theoretical frameworks. There will be particular emphasis on motor development in infancy and childhood. The aim is to provide students with a comprehensive knowledge base of various facets of normal development. This will provide the necessary foundation to undertake further study in intervention processes across the life span within the occupational therapy framework.

**Class requirements:** one 3-hour lecture per week.

**Assessment:** one 1-hour multiple-choice exam (50%) and one 1,250-word written assignment (50%).

**Prescribed reading:**

Berk, L. *Child development*, 3rd edn. Allyn and Bacon, Boston 1994.  
Gething, L., Papalia, D. E. and Olds, S. W. *Life span development*, 2nd edn, McGraw Hill Book Company 1995.

Short-Degraff, M. *Human development for occupational and physical therapists*, Williams and Wilkins 1988.

**OCCUPATIONAL THERAPY 1: introduction to occupational therapy (25 CPs. Sem. I. Bu.) OT1TH1** Ms J. Fricke

An introduction to occupational therapy is presented through an overview of the historical development of the occupational therapy profession, current issues in occupational therapy theory and practice and an introduction to the occupational engagement process. Students participate in lectures and guided clinical placements in order to integrate the theoretical foundation and occupational therapy practice.

**Co-requisite:** OT/PT100.

**Class requirements:** Eight 2-hour tutorials, five 2-hour lectures, one 1-hour lecture, and 70 hours of guided clinical practice.

**Assessment:** 2,000-word clinical fieldwork journal (60%), completion of a workbook while on clinical placements (40%). Hurdle requirements: 80% attendance of tutorials, 90% attendance of clinical fieldwork and a satisfactory grading on clinical supervisors reports.

**OCCUPATIONAL THERAPY 2: studies in human occupation (10 CPs. Sem. II. Bu.) OT1TH2** Ms J. Allen and Ms E. Fossey

Human occupation is of central importance to health. Students explore experiential learning processes that underpin human engagement in occupations and contribute to activities of health.

**Class requirements:** four 1-hour lectures and twelve 3-hour practicums.

**Assessment:** one 1,500-word essay.

**Recommended reading:**

Cynkin, S. and Robinson, A. M. *Occupational therapy and activities health: Toward health through activities*, Little, Brown and Co. 1990.

Dennison, B. and Kirk, R. *Do, review, learn, apply: A simple guide to experiential learning*. Blackwell 1990.

Kolb, D. A. *Experiential learning: Experience as a source of learning and development*, Prentice-Hall 1984.

**Second year**

**ACTIVITIES OF DAILY LIVING (5 CPs. Sem. II. Bu.) OT2ADL** Ms E. Martin

Students are introduced to the application of basic ergonomic principles to occupational therapy interventions used when addressing the daily living needs of people with various disabilities. Topics covered include assessments, personal care, feeding and diet, dressing, home management, building modification, technical drawing, and powered wheelchairs and scooters. This subject provides students with practical assessment approaches and skills relevant to interventions in a range of occupational therapy practice settings.

**Quota:** 12. This subject is the ADL component of OT2TH4 and will only be available to students undertaking the Bachelor of Occupational Therapy / Bachelor of Ergonomics combined degree.

**Prerequisite:** OT1TH1, OTPT100.

**Class requirements:** eight 1-hour lectures and nine 2-hour tutorials.

**Assessment:** one 750-word written assignment with technical drawings (40%), one 1-hour multiple choice exam (60%). Hurdle requirement: students must attend at least 80% of the practical sessions in order to pass this unit.

**Prescribed reading:**

Kroemer, K., and Grandjean, E., *Fitting the task to the human*, Taylor and Francis, 1997

**CLINICAL PRACTICE (10 CPs. Sem. II. Bu.) OT2PR2** Ms M. Kennedy-Jones

This four week, clinical education experience consists of observation, description and practice of core skills for occupational therapists. Using a structured workbook, students are required to observe, describe and practice skills in assessment, interviewing, report writing, counselling, group process evaluation and the evaluation of occupational forms used in activity groups. Debriefing sessions are provided to develop competence in observation, description and behavioural practice in order to facilitate learning of these skills.

**Prerequisite:** successful completion of all first year subjects.

**Class requirements:** 140 hours at a clinical field work agency over four weeks, including attendance at briefing and debriefing sessions.

**Assessment:** Clinical Education workbook (100%).

**CLINICAL PSYCHIATRY (5 CPs. Sem. I. Bu.) OT2CPS** Ms P. Lentin

The aim of this subject is to provide students with a knowledge of psychiatry and mental health issues which are relevant to current

occupational therapy practice. Students are introduced to the aetiology, symptomatology, classification, assessment and treatment of psychiatric disorders in children, adolescents and adults. Topics include schizophrenia, anxiety and affective disorders, organic disorders (including geriatric psychiatry), disorders related to personality development, substance abuse, eating, gender, crisis and trauma, issues related to suicide, child abuse and the mentally ill offender and the public health issues of prevention and service provision for the care of people with mental illness.

**Prerequisite:** HB11APH, HB12HBF, PH1HAS, PSY11PYA, PSY12PYB.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** one 2-hour written examination (100%).

#### **Preliminary reading:**

Bloch, S. and Singh, B. S. (eds) *Foundations of clinical psychiatry*, Melbourne University Press 1994.

#### **OCCUPATIONAL THERAPY CONDITIONS (5 CPs. Sem. I. Bu.)**

##### **OT2CON Ms E. Kraus**

Introduces students to the major medical, physical and psychological conditions treated by occupational therapists across the life span. Topics include congenital, neurological, orthopaedic, sensory and psychological disorders. Diagnostic processes, aetiology, clinical manifestations, medical interventions and implications are addressed.

**Prerequisite:** HB12ALU, HB12HBF.

**Co-requisite:** HB21PAG, HB21NEU.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** one 2-hour multiple-choice exam (100%).

#### **Prescribed reading:**

Umphred, D. A. *Neurological Rehabilitation*. 3rd edn, Mosby 1995.

#### **OCCUPATIONAL THERAPY INTERVENTION 1: psychosocial practice**

##### **(20 CPs. Sem. II. Bu.) OT2IN1 Dr L. Howie**

Students are introduced to the literature on human occupation and the psychological theories that inform occupational therapy practice with individuals and groups. Learning in this subject emphasises the acquisition of skills, namely the application of principles, assessments and interventions to individuals, and the observation, group process analysis, reporting and leadership of activity groups. Students will participate in an experiential training group and individual case study sessions.

**Co-requisite:** OT2TH3.

**Class requirements:** two 1-hour lectures per week, nine 2-hour practicums and nine 2-hour tutorials.

**Assessment:** four 500-word group reports (50%), and four 500-word cognitive-behavioural report (50%).

#### **Prescribed reading:**

Borg, B. and Bruce, M. A. *The group system: the therapeutic activity group in occupational therapy*, Slack 1992.

Cole, M. B. *Group dynamics in occupational therapy: the theoretical basis and practice application of group treatment*, Slack Incorporated: Thorofare NJ 1993.

Howe, M. C. and Schwartzberg, S. L. *A functional approach to group work in occupational therapy*, 2nd edn, J. B. Lippincott 1995.

Martin, G. and Pear, J. *Behaviour modification: What it is and how to do it*. 5th edn, New Jersey: Prentice-Hall 1996.

Posthuma, B. W. *Small groups in therapy settings: process and leadership*, Little Brown and Co. 1989.

Whitaker, D. S. *Using groups to help people*, Routledge 1985.

#### **OCCUPATIONAL THERAPY INTERVENTION 2: physical intervention**

##### **(20 CPs. Sem. II. Bu.) OT2IN2 Ms G. French**

The aim of this subject is to develop student's knowledge and skills related to occupational therapy theory, practice, and intervention for people with occupational dysfunction due to musculoskeletal and general medical conditions. The approach is client-centred and is based on the biomechanical model, the medical model and the model of human occupation. Students gain knowledge and skills in the observation, assessment, and intervention of a range of problems, including reduced strength, endurance, manual dexterity and work condition, limited range of movement, pain, oedema, scar management and disturbances of peripheral sensation. There is an opportunity to trial skills gained in a simulated clinical environment.

**Prerequisite:** HB12HBF, HB21PAG, OT2CON, OT2TH3.

**Co-requisite:** OT2PR2, OT2TH4.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week plus 18, 3-hour practicums.

**Assessment:** one 10-minute practical examination (25%), one 2-hour written examination (50%), one 1.5-hour practical splinting examination (25%). Hurdle requirement: students must complete all class splints. Students must pass the written examination in order to pass this subject.

#### **Preliminary reading:**

Moore, K. L. *Clinically orientated anatomy*, 3rd edn, Williams and Wilkins 1992.

Snell, R. S. *Clinical anatomy for medical students*, 5th edn, Little Brown and Co. 1995.

#### **Prescribed reading:**

Christiansen, C. A. and Baum, C. (ed) *Enabling function and well-being*, F. A. Davis 1997.

Pedretti, L. (ed). *Occupational therapy: practice skills for physical dysfunction* 4th edn, 1996.

Trombly, C. A. *Occupational therapy for physical dysfunction*, 4th edn, Williams and Wilkins 1995.

#### **OCCUPATIONAL THERAPY INTERVENTION 3: paediatrics in**

##### **occupational therapy (10 CPs. Sem. II. Bu.) OT2IN3 Ms E. Froude**

Students are presented with the theory and skills associated with occupational therapy intervention for children and adolescents. Students gain practical experience in observing and assessing developmental skills and abilities in infants and children using tools frequently used by occupational therapists. The influence of the environment on the child's functional abilities will be explored and ways of enhancing function will be addressed. Emphasis is placed on the importance of play and the use of activities to a developing child. Practical experience is provided. Current treatment approaches will be introduced. Social-emotional issues and how they relate to children will also be addressed.

**Prerequisite:** OT1DEV, OT2CON.

**Class requirements:** one 3-hour lecture per week and nine 3-hour practicums.

**Assessment:** one 3,000-word written assessment completed in pairs (50%) and one 1-hour exam (50%).

#### **Prescribed reading:**

Case-Smith, J., Allen, A. S. and Pratt, P. N. *Occupational therapy for children*, 3rd edn, Mosby 1996.

#### **OCCUPATIONAL THERAPY 3: theory, process and practice (25 CPs.**

##### **Sem. I. Bu.) OT2TH3 Dr L. Farnworth and Ms P. Lentin**

The theoretical principles taught in OT1TH1 and OT1TH2 are linked to the principles underlying occupational therapy practice. The subject includes three units. In Unit 1, students are introduced to counselling theory, models, process skills and strategies and the concepts of the therapeutic relationship and therapeutic use of self as used within occupational therapy practice. In Unit 2, students explore recent theoretical approaches to studying human occupation and examine processes by which these concepts are applied in order to understand human engagement in occupations and its influences on health. In Unit 3, students study clinical reasoning in occupational therapy, models of health and occupational therapy practice, assessment principles and methods, the interviewing process, principles and methods of oral and written reporting and the occupational therapy intervention planning and implementation process.

**Prerequisite:** OT1TH1, OT1TH2, PH1HAS, PSY11PYA, PSY12PYB.

**Class requirements:** two 1-hour lectures, one 2-hour lecture, one 2-hour practicum, and two 1.5-hour practicums per week.

**Assessment:** one 3-hour written exam (60%), one 20-minute group presentation (10%), one 20-minute group presentation (10%) and one 1,000-word book review (20%).

#### **Prescribed reading:**

Christiansen, C. and Baum, C. *Occupational therapy: enabling function and well-being*, 2nd edn, Slack 1997.

Ivey, A. and Ivey, M. *Intentional interviewing and counselling*, 4th edn, Brooks Cole 1999.

Kielhofner, G. A. *A model of human occupation: theory and application*, 2nd edn, Williams and Wilkins 1995.

Kielhofner, G. A. *Conceptual foundations of occupational therapy*, 2nd edn, F. A. Davis Company 1997.

Nelson-Jones, R. *Counselling and personality: theory and practice*, Allen and Unwin 1995.

Wilcock, A. *An Occupational Perspective on Health*, Slack 1998.

#### **OCCUPATIONAL THERAPY 4: occupational living (10 CPs. Sem. II.**

##### **Bu.) OT2TH4 Ms E. Martin**

Students are introduced to the ergonomic and occupational therapy applied principles which influence an individual's performance within different settings. Human factors, task and job design, tools and equipment design, work station features, environmental factors and system issues will be addressed. These parameters are explored in relation to occupational therapy interventions used when addressing the activities of daily living needs of people with various disabilities.



Students will gain experience through practical evaluation. They will have the opportunity to practice skills relevant to assessments and occupations relating to personal care, mobility, eating, home management and evaluation, building modification and technical drawing.

**Prerequisite:** OT1TH1, OTPT100.

**Class requirements:** one 2-hour lecture per week, one 4-hour home visit, one 4-hour Independent Learning Centre (ILC) visit, and seven 2-hour practicums.

**Assessment:** one 750-word written assignment (40%) and one 2-hour multiple-choice exam (60%). Hurdle requirement: students must attend at least 80% of the practical sessions in order to pass this subject.

**Prescribed reading:**

OT2TH4 manual.

Grandjean, E. *Fitting the task to the man*, Taylor and Francis 1988.

### Third year

#### **ADVANCED SPLINTING TECHNIQUES (10 CPs. Sem. II. Bu.) OT3SPL** *Ms G. French*

A problem solving/clinical reasoning approach is used to investigate clinical problems which respond to splinting and will enable students to develop an integrated splinting program that will support other intervention strategies. Students have the opportunity to develop skills in the fabrication of thermoplastic and soft materials splints appropriate to complex client problems associated with conditions such as tendon repair, rheumatoid arthritis, burns and muscle tone disorders. Includes theoretical, practical and clinical components, the latter providing the opportunity to fabricate or modify splints for clients of local hospitals.

**Prerequisite:** HB21ALU, HB21PAG, HB21NEU, OT2IN2, OT3IN4.

**Class requirements:** four 9-hour practicums and three 2-hour practicums.

**Assessment:** one 2,000-word case study (100%).

**Prescribed reading:**

Hunter, J., Schneider, L., Mackin, E. and Callahan, A. (eds) *Rehabilitation of the hand*, 4th edn, Mosby 1996.

#### **CLINICAL PRACTICE (15 CPs. Sem. I or II. Bu.) OT3PR3** *Ms U. Winzeler and Ms L. Collister*

During five weeks of clinical placement, students develop clinical skills required for occupational therapists in musculoskeletal, neurological, mental health, aged care, paediatric or community practice. They will be required to practice and develop a level of proficiency in the skills required to function as an occupational therapist with their nominated clients.

**Prerequisite:** successful completion of first year subjects and intervention subjects relevant to the type of clinical setting.

**Class requirements:** attendance at agency for 175 hours (five weeks).

**Assessment:** satisfactory performance as rated by agency based clinical supervisor (100%). Hurdle requirement: submission of statement of completion of reflective journal.

#### **CLINICAL PRACTICE (15 CPs. Sem. I or II. Bu.) OT3PR4** *Ms U. Winzeler and Ms L. Collister*

During five weeks of field work, students develop clinical skills required for occupational therapists in musculoskeletal, neurological, mental health, aged care, paediatric, or community practice. They will be required to practice and develop a level of proficiency in the skills required to function as an occupational therapist with their nominated clients.

**Prerequisite:** successful completion of first year subjects and intervention subjects relevant to the type of clinical setting.

**Class requirements:** attendance at agency for 175 hours (five weeks).

**Assessment:** satisfactory performance as rated by agency based clinical supervisor (100%). Hurdle requirement: submission of statement of completion of reflective journal.

#### **NEUROLOGICAL REHABILITATION IN OCCUPATIONAL THERAPY (10 CPs. II. Bu.) OT3NEU** *Ms U. Winzeler and Dr H. Mudie*

This clinically-based subject focuses on adult stroke rehabilitation and extends students handling skills by providing them with experience in the application and intervention of integrating motor control and neurodevelopmental (NDT) approaches. Experience is provided in a range of evidence-based techniques, such as Electromyographic biofeedback (EMGBf), aimed at facilitating normal motor control.

**Prerequisite:** OT3IN4.

**Class requirements:** five 3-hour practicums and five 2-hour practicums.

**Assessment:** one 2,000-word written case study (75%) and one oral presentation (25%).

#### **OCCUPATIONAL THERAPY INTERVENTION 4: neurological interventions (25 CPs. Sem. I. Bu.) OT3IN4** *Ms U. Winzeler*

Prepares students to assess and treat clients who have disorders of movement and sensation and acquired disorders of cognition and perception. Theoretical approaches to practice in this field are presented and reviewed. Students are taught the application of theory to practice and are trained in a variety of neurological assessments. Students are also provided with a range of skills in intervention and are given the opportunity to practice these skills with clinical cases. This subject is comprised of two units: Sensorimotor, and Cognitive/Perceptual.

**Prerequisite:** OT2IN2, OT2CON, HB21NEU, HB21PAG.

**Class requirements:** twenty-two 1-hour lectures, ten 2-hour lectures, and twenty-six 2-hour practicums.

**Assessment:** one 1,000-word case study (25%), one 2,000-word case study (50%) and one 20-minute practical examination (25%). Hurdle requirement: 85% attendance at lectures, tutorial, and practicals.

**Prescribed reading:**

Shumway-Cooke, A. L., Woollacott, M. *Motor Control-theory and practical applications*, Baltimore, Williams and Wilkins 1995.

Unsworth, C. *Cognitive and perceptual dysfunction: A clinical reasoning approach to evaluation and intervention*, Philadelphia, F. A. Davis 1999.

#### **OCCUPATIONAL THERAPY INTERVENTION 5: Psychosocial intervention (10 CPs. Sem. I. Bu.) OT3IN5** *Ms L. Collister*

Focuses on the application of occupational therapy assessment and intervention to specific clinical cases in psychiatry. Students are required to work in syndicate groups and demonstrate an understanding of the principles and rationale of occupational therapy intervention in psychosocial practice and apply and describe occupational therapy assessment and intervention with individuals with schizophrenia, anxiety disorder, dementia and depression. Students are normally expected to undertake OT3PR3 or OT3PR4 during the same academic year.

**Prerequisite:** all first year subjects, OT2TH3, OT2CPS, OT2IN1, OT2PR2.

**Class requirements:** three 2-hour lectures, three 1.5-hour lectures, three 2-hour tutorials and 35.5-hours of resource-based learning in syndicate groups.

**Assessment:** one 1,500-word written assignment (25%) and one 30-minute oral examination in a syndicate group (75%).

#### **OCCUPATIONAL THERAPY INTERVENTION 6: the ageing population (10 CPs. Sem. I. Bu.) OT3IN6** *Professor B. Lindquist*

Provides students with an understanding of the experience of ageing from a range of perspectives, including biological, psychological and social. Topics include cultural and demographic aspects of ageing, psychosocial aspects of ageing and adaptation, functional age-related changes, health and well-being in old age and clinical preventative aspects of ageing. The subject applies a multi-disciplinary approach to the understanding of conceptual and professional issues in ageing.

**Class requirements:** twelve 1.5-hour lectures, one 5-hour lecture, and three 1-hour tutorials.

**Assessment:** one 1,000-word critical review of a journal article (30%) and one take-home examination (70%). Hurdle requirement: students must pass both components to pass the subject.

#### **OCCUPATIONAL THERAPY INTERVENTION 7: integrated practice (10 CPs. Sem. II. Bu.) OT3IN7** *Ms M. Di Stefano*

This unit builds upon the knowledge and skills gained in OT2TH4. It expands on occupational therapy intervention approaches relevant to personal activities of daily living and vocational and community-based human occupation. Work as human occupation is explored, including issues related to prevention, habilitation and rehabilitation. Topics addressed include occupational injuries, occupational health and safety, job design, work capacity evaluation and worksite assessments and programs. Students will also gain experience in addressing client needs related to seating, personal mobility, independent transportation options including motor vehicle driving, product design evaluation and prescription, human intimacy needs, community-based rehabilitation and augmented/assisted communication.

**Prerequisite:** OT2TH4 or OT2ADL.

**Co-requisite:** OT3IN5.

**Class requirements:** eight 2-hour lectures, one 3-hour lecture, and ten 2-hour practicums.

**Assessment:** one 1-hour multiple-choice exam (50%), one work-site assessment and one 30-minute presentation (50%).

**OCCUPATIONAL THERAPY PRACTICE WITH CHILDREN (10 CPs. Sem. I. Bu.) OT3CHI Ms E. Kraus**

Explores aspects of paediatric occupational therapy with a strong practical emphasis. Students have the opportunity to familiarise themselves with the main assessments used in paediatric occupational therapy, as well as to administer one of these assessments to a child with an impairment. There are workshops on the main intervention techniques used, including sensory integration, neurodevelopmental therapy, handwriting strategies and psychosocial techniques. Students also prepare, implement and evaluate a treatment session with children who demonstrate poor hand function.

**Prerequisite:** OT1DEV, OT2CON, OT2IN3.

**Class requirements:** nine 3-hour lectures.

**Assessment:** one 1,500-word report (50%) and one 1,000-word report (50%). Hurdle requirements: participation in a multi-disciplinary weekend children's assessment camp; and attendance at no less than 11 of the 13 tutorial sessions.

**OCCUPATIONAL THERAPY 5: Service Systems and Human Occupation (15 CPs. Sem. II. Bu.) OT3TH5 Ms J. Allen and Ms R. Allen**

Occupational therapy service delivery is examined at both individual and service system levels. Students are introduced to the processes of designing, implementing and evaluating occupational therapy services within the human service system. Students study these processes for developing client-centred occupational intervention programs that address occupational needs. Needs analysis, problem solving around client centred occupational therapy, program evaluation, accountability, ethical and legal issues and current philosophies and models of service delivery will be explored. This subject includes two units, Service Systems and Human Occupation Studies.

**Prerequisite:** OT1TH2, OT2TH3, OT1TH1, OT2PR2.

**Class requirements:** one 2-hour lecture, one 1-hour tutorial and one 3-hour practicum per week.

**Assessment:** one 2-hour exam (50%) and one 1,500-word assignment (50%).

**Prescribed reading:**

Kielhofner, G. K. *Model of human occupation. Theory and application*, 2nd edn, F. A. Davis 1995.

**PERSONAL PROJECTS IN THERAPY AND EDUCATION (10 CPs. Sem. II. Bu.) OT3PER Ms J. Allen**

Personal projects have been described as sets of personally salient actions. Personal projects provide a sense of structure to human lives, a source of continuing personal identity and a point of active interchange between people and their environment. This unit explores the theory and the practice of personal projects and how these can be used both therapeutically and educationally by occupational therapists, counsellors and teachers. Students will be introduced to current research in both psychology and occupational therapy which has focused on the ways in which engagement in occupation supports health, wellbeing and the human quest for meaning. Specifically students will be taught skills so they may begin to negotiate, develop, implement and evaluate personal projects both for themselves and with others.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** one 2,000-word project report (80%), one 20-minute seminar presentation with a related 1,000-word written summary (20%).

**Prescribed reading:**

Cantor, (eds.) *Personality psychology: Recent trends and emerging directions*, New York: Springer-Verlag 1989.

Little, B. R. *Personal projects: A rationale and method for investigation, Environment and Behaviour*, 15, 273-309, 1983.

Little, B. R. *Personal project analysis: Trivial pursuits, magnificent obsessions and the search for coherence* in D. Buss & N.

Little, B. R. *Personal project pursuit: Dimensions and dynamics of personal meaning*, in P. T. Wong & P. S. Fry (eds.) *The human quest for meaning: A handbook of psychological research and clinical applications*, New Jersey: Lawrence Erlbaum Associates 1997.

**RESEARCH FOR OCCUPATIONAL THERAPISTS (Pass) (5 CPs. Sem. II. Bu.) OT3RS1 Dr E. Macdonald**

Builds on earlier research subjects to enable students to develop skills in the critical appraisal of occupational therapy research and the planning of an investigative study in an area related to occupational therapy practice. This subject emphasises the practical application of basic research and the knowledge necessary for reading and evaluating research and conducting a basic investigation. Students will work in small groups, evaluating published occupational therapy research, critical appraisal of scientific review articles. Students undertake preparatory work in the form of a proposal for

their occupational therapy research project to be undertaken in OT4RS3. Students will also participate in a research seminar involving a presentation and a peer-review of proposals.

**Prerequisite:** PH1RMH.

**Co-requisite:** PH2RMH.

**Class requirements:** one 1-hour lecture per week, two 3-hour seminars, and 20-hours of resource-based learning, including contact with staff supervising investigations.

**Assessment:** preparation and presentation of small group proposal (80%) and one critical appraisal of peer proposals (20%). Hurdle requirement: participation in research seminars.

**Recommended reading:**

Bailey, D. M. *Research for the health professional: A practical guide*, 2nd edn, F. A. Davis 1997.

Di Stefano, M. *Design and development: A problem solving methodology*. La Trobe University 1997.

Samson, J. and Radloff, A. *In writing: A guide to writing effectively at the tertiary level*. Paradigm Books, Curtin University of Technology 1992.

**RESEARCH FOR OCCUPATIONAL THERAPISTS (Honours) (5 CPs. Sem. II. Bu.) OT3RS2 Dr L. Howie**

This subject builds on earlier research subjects to enable honours students to gain advanced skills in academic writing and the design and conduct of research using quantitative and qualitative methodologies in occupational therapy research. Each student designs and prepares a protocol for a research study (based on a clinical case study, substantial literature review, survey, or other study using quantitative or qualitative methodology) to be carried out in OT4RS4. Students will receive supervision from staff members with expertise in the area in which the student is investigating.

**Prerequisite:** PH1RMH.

**Co-requisite:** PH2RMH.

**Class requirements:** one 1-hour lecture and one 1-hour seminar per week, two additional 3-hour seminars and 20 hours of resource-based learning, including contact with staff supervising research studies.

**Assessment:** Participation in research seminars evaluated by established criteria (100%).

**Recommended reading:**

Bailey, D. M. *Research for the health professional: A practical guide*, 2nd edn, F. A. Davis 1997.

Samson, J. and Radloff, A. *In writing: A guide to writing effectively at the tertiary level*. Paradigm Books, Curtin University of Technology 1992.

**Fourth year****ADVANCED GROUP WORK (10 CPs. Sem. I. Bu.) OT4AGW Dr L. Howie**

This subject introduces students to the core concepts of Gestalt Therapy Theory, and supports the development of skills in relating these concepts to understanding group processes and delivering effective group interventions. The core principles of phenomenology, awareness, field theory, contact, and the dialogic approach, as they are relevant to a Gestalt orientation to group therapy, will be explored. This subject will give students the opportunity to experience and observe a Gestalt approach to group work and to reflect on their own process and the processes of the group. It aims to develop student awareness of their interpersonal styles of relating, and relationships with the group, as a basis for acquiring sound group leadership skills.

**Class requirements:** one 2-hour experiential training group session per week.

**Assessment:** one 3,000-word written assignment (100%). Hurdle requirement: attendance at a minimum of 80% of the experiential training group sessions.

**Recommended reading:**

Frew, J. E. A *Gestalt Therapy Theory application to the practice of group leadership*, Gestalt Review, 1: 131-149, 1997.

Huckaby, M. A. *An overview of the theory and practice of Gestalt group process* in E. C. Nevis (ed.) *Gestalt Therapy: Perspectives and applications*, New York: Gardner Press 1992.

Parlett, M. *The unified field in practice*, The Gestalt Review, 1: 16-33, 1997.

**ADVANCED SPLINTING TECHNIQUES (10 CPs. Sem. I. Bu.) OT4SPL Ms G. French**

A problem solving/clinical reasoning approach is used to investigate clinical problems which respond to splinting and will enable students to develop an integrated splinting program that will support other intervention strategies. Students have the opportunity to develop

skills in the fabrication of thermoplastic and soft materials splints appropriate to complex client problems associated with conditions such as tendon repair, rheumatoid arthritis, burns and muscle tone disorders. Includes theoretical, practical and clinical components, the latter providing the opportunity to fabricate or modify splints for clients of local hospitals.

**Prerequisite:** HB21ALU, HB21PAG, HB21NEU, OT2IN2, OT3IN4.

**Class requirements:** one 2-hour practicum per week.

**Assessment:** one 2,000-word case study (100%).

**Prescribed reading:**

Hunter, J., Schneider, L., Mackin, E. and Callahan, A. (eds) *Rehabilitation of the hand*, 4th edn, Mosby 1996.

**CHILD AND ADOLESCENT MENTAL HEALTH IN OCCUPATIONAL THERAPY (10 CPs. Sem. I. Bu.) OT4 CAM Dr E. Macdonald**

Students research and present information on specific areas of child and adolescent mental health and the relationship of these areas to occupational therapy practice. Topic areas will relate to disorders (eg. suicide, depression, sexual abuse, attention deficit hyperactivity disorder, school reluctance, psychosis, eating disorders and adjustment disorders) and interventions. Students work in small groups on a selected topic and are supported to examine the findings of current research studies, background literature and research, while access to resources and child and adolescent services is facilitated. Students integrate their findings to describe best practice in occupational therapy intervention, and present the outcomes of their study to their peers in class seminars. This elective emphasises the broad spectrum of psychosocial occupational therapy practice with children and adolescents and the contribution of occupational therapy to this area of mental health.

**Prerequisite:** OT3IN5.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one 2,000-word written assignment (80%), one-hour group presentation (20%).

**CLINICAL PRACTICE (40 CPs. Sem. II. Bu.) OT4PR5 Ms M. Kennedy-Jones**

This ten week experience provides the opportunity for consolidation and enhancement of skills at a beginning practitioner level. Using learning goals already formulated, students will be able to articulate their learning needs for this placement. In consultation with the clinical coordinator, opportunity exists for students to explore non-traditional practice settings during this placement.

**Prerequisite:** successful completion of third year subjects, OT4TH6.

**Class requirements:** 10 weeks full-time attendance at a field work agency, including regular debriefing sessions conducted by University staff.

**Assessment:** satisfactory achievement of learning objectives as specified in learning contract (100%).

**Prescribed reading:**

Gaipman, B. and Anthony, A. *Contracting in field work education: The model of self directed learning*. Canadian Occupational Therapy Journal, 56: 11-14, 1989.

**NEUROSCIENCE INTERVENTION (10 CPs. Sem. I. Bu.) OT4NSI Ms L. Corbin**

In this subject participants will have an opportunity to expand their knowledge of Occupational Therapy assessment and intervention in a range of neurological disorders such as Dystonia, Guillian-Barre syndrome, Neuro-oncology, ABI, Multiple Sclerosis, peripheral neuropathies and neurosurgical intervention.

**Prerequisite:** OT2CON, OT3IN4.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one 2,500-word literature-review (70%), and one 20-minute presentation assessed by established criteria with a related 500-word summary (30%).

**Prescribed reading:**

King Ching Tsui, J., Calne, D. B. (eds), *Handbook of Dystonia*, New York: M. Dekker, 1995.

Morris, M. E., Iansek, R. and Kirkwood, B., *Moving Ahead with Parkinson's: a guide to improving mobility in people with Parkinson's Disease*, Cheltenham: Kingston Centre, 1995.

Vinken, P. J., Bruyn, G. W. (eds), *Neuro-oncology in Vecht*, C. J. (Ed) *Handbook of clinical Neurology* v.67, Elsevier: New York, Amsterdam, 1997.

Weiner, W. J. and Goetz, C. G., *Neurology for the Non-Neurologist*, 2nd edn, J. B Lippincott Company Philadelphia, 1989

**OCCUPATIONAL HEALTH (10 CPs. Sem. I. Bu.) OT4OCC Ms M. Best**  
The role of the occupational health and safety practitioner is explored. Topics include models and theories of occupational health and disease, understanding work and workers in Australia, hazards in the workplace, assessment tools of occupational health practice, assessing the workplace and the role of the therapist in occupational health practice, eg. ergonomics and work site assessment, rehabilitation, health promotion and education.

**Prerequisite:** all first and second year occupational therapy subjects.  
**Class requirements:** seven 2-hour seminars and twelve hours of work site visits.

**Assessment:** one 25-minute seminar presentation (60%) and one 1,000-word written assignment (40%).

**OCCUPATIONAL THERAPY PRACTICE WITH CHILDREN (10 CPs. Sem. I. Bu.) OT4CHI Ms E. Kraus**

Explores aspects of paediatric occupational therapy with a strong practical emphasis. Students have the opportunity to familiarise themselves with the main assessments used in paediatric occupational therapy, as well as to administer one of these assessments to a child with an impairment. There are workshops on the main intervention techniques used, including sensory integration, neurodevelopmental therapy, handwriting strategies and psychosocial techniques. Students also prepare, implement and evaluate a treatment session with children who demonstrate poor hand function.

**Prerequisite:** OT1DEV, OT2CON, OT2IN3.

**Class requirements:** ten 3-hour practicums.

**Assessment:** one 1,500-word report (50%) and one 1,000-word report (50%). Hurdle requirements: participation in a multi-disciplinary weekend children's assessment camp; and attendance at no less than 11 of the 13 tutorial sessions.

**OCCUPATIONAL THERAPY RESEARCH PROJECT (Pass) (40 CPs. All year. Bu.) OT4RS3 Dr E. Macdonald**

Students complete an investigative study based on a research protocol developed in OT3RS1. Working in small groups, students undertake an occupational therapy research project from one of 3 options: a research project involving a quantitative or qualitative methodology (Option 1); a substantial literature-review and research proposal (Option 2); or a research project involving a problem-solving methodology (Option 3). The final submission will be in the form of a manuscript suitable for submission to a relevant refereed journal. For Options 2 and 3, the final submissions will also be required to include either an in-depth research proposal (Option 2), or a report/project (Option 3).

**Prerequisite:** OT3RS1.

**Class requirements:** three 2-hour seminars and 219 hours of self-directed research, including supervisor contact.

**Assessment:** one journal manuscript of approximately 3,000 to 5,000-words according to guidelines for contributors for a specific refereed journal in occupational therapy or related area. Option 1: Manuscript 100%. Option 2 or Option 3 (weighted between 30% and 70% with the remaining percentage allocated to the manuscript. Weighting to be determined by Supervisor).

**Prescribed reading:**

Hocking, C. and Wallen, M. *Australian Occupational Therapy Journal Manual for Referees: Guidelines to Assist Referees and Authors Review Manuscripts*, OT Australia (Australian Association of Occupational Therapists Inc.) 1999.

**OCCUPATIONAL THERAPY RESEARCH PROJECT (Honours) (40 CPs. All year. Bu.) OT4RS4 Dr L. Howie**

Students complete a research study based on a research protocol developed in OT3RS2 and prepare a thesis. The research study should have the potential to contribute to knowledge in the discipline. Students receive supervision from staff members with expertise in the area the student is investigating. Student involvement includes participation in a writing workshop, conducting a research study (based on a clinical case study, survey, other study using a quantitative or qualitative methodology, or a theory paper), participation in a student research seminar and non-compulsory attendance at School of Occupational Therapy research seminars.

**Prerequisite:** OT3RS2.

**Class requirements:** six 2-hour seminars, one six-hour workshop and 317 hours of self-directed learning, including contact with staff supervising research studies.

**Assessment:** completion of research project and one 10,000 to 12,000-word thesis (100%). Hurdle requirement: satisfactory participation in a student research seminar, including critical appraisal of research protocols prepared by peers.

**Prescribed reading:**

*Publication Manual of the American Psychological Association*, 4th edn, American Psychological Association 1994.

**Preliminary reading:**

Coakes, S. J. and Steed, L. J. *SPSS for Windows: Analysis without anguish*, Jacaranda Wiley 1996.

Denzin, N. K. and Lincoln, Y. S. (eds) *Handbook of qualitative research*, Sage 1994.

**OCCUPATIONAL THERAPY 6: professional skills and development (20 CPs. Sem. I. Bu.) OT4TH6 Ms R. Allen and Ms J. Allen**

Effective occupational therapy practitioners require the ability to understand internal and external factors that shape practice. Students will undertake advanced level studies of reflection as a process for personal and professional learning; therapeutic relationships in occupational therapy practice; and the roles of occupational therapists as change agents, in order to equip them for ongoing professional development.

The subject includes three units: The reflective therapist; Therapeutic relationships in occupational therapy; and Occupational therapists as change agents.

**Prerequisite:** OT3TH5, OT3IN4, OT3IN5, OT3PR3, OT3PR4.

**Class requirements:** one 1-hour lecture, one 1-hour tutorial and two 2-hour practicums per week.

**Assessment:** Unit 1: one 1,500-word written assignment (pass/fail). Hurdle requirement: attendance at 80% of practicums. Unit 2: one 1,500-word written assignment (50%). Unit 3: one 1,500-word written assignment (40%) and one 45-minute group presentation (10%).

**SENSORY REHABILITATION: ASSESSMENT AND TRAINING (10 CPs. Sem. I. Bu.) OT4SEN Dr L. Carey**

Students will have the opportunity to develop advanced knowledge and skills in the assessment and training of somatosensations following peripheral and central nervous system lesions. Current clinical assessments will be critically reviewed and new quantitative measures presented. Principles of training, based on perceptual and motor learning literature, will be discussed critically. New evidence-based sensory training programs will be demonstrated. Students will acquire "hands on" experience of the new assessment and training techniques and the focus will be on the practical application of these. Recent evidence of neural plasticity will be reviewed and the resulting implications for clinical practice will be discussed.

**Prerequisite:** OT3IN4 or equivalent.

**Class requirements:** five 3-hour lecture/seminar sessions, six 1-hour practical sessions, and 5-hours of a self-directed learning package, comprised of videos and readings.

**Assessment:** one 3,000-word written assignment (100%).

**Recommended reading:**

Callahan, A.D., 'Sensibility testing: Clinical methods' in Hunter, J. M., Schneider, L. H., Mackin, E. J., and Callahan, A.D. (eds), *Rehabilitation of the hand: Surgery and therapy*, 3rd edn, (pp. 594-610), St Louis: C. V. Mosby, 1990

Carey, L. M., 'Somatosensory loss after stroke' in *Critical Reviews in Physical Rehabilitation Medicine* (pp. 51-91), 1995-7

Carey, L. M., Matyas, T.A. and Oke, L.E., 'Sensory loss in stroke patients: effective tactile and proprioceptive discrimination training' in *Archives of Physical Medicine and Rehabilitation* (74:602-11), 1993

**UPPER LIMB INTERVENTION (10 CPs. Sem. I. Bu.) OT4ULI Ms C. McOwan**

In this subject students will be introduced to the clinical specialty of hand and upper limb rehabilitation. A clinical reasoning approach is used to integrate physical intervention skills taught in OT2IN2 for the evaluation and treatment of the upper limb. Emphasis will be on teaching and practising the use of specialised skills for the treatment of the upper limb consistent with current practise and research.

Students will research and present specific intervention techniques used in the treatment of the upper limb by occupational therapists and physiotherapists.

**Prerequisite:** OT2IN2, HB12ALU, HB21PAG, OT3IN4, HB21NEU, or equivalent.

**Class requirements:** one 2-hour practical per week.

**Assessment:** one 30-minute class presentation with a related 500-word precis assessed by established criteria (30%) and one 2,000-word literature review (70%). Hurdle requirement: students must pass each piece of assessment in order to pass this unit.

**Preliminary reading:**

Clark, G. L., Shaw Wilgis, E. F., Aiello, B., Eckhaus, D. and Valdata Eddington, L., *Hand Rehabilitation: A Practical Guide*, Churchill Livingstone, 1997.

Malick, M. H., and Kasch, M. C., *Manual on Management of Specific Hand Problems*, AREN, 1984.

**Prescribed reading:**

Stanley, B. G., and Tribuzi, S.M., *Concepts in Hand Rehabilitation*, F. A. Davis Co, 1992.

Hunter, J., Schneider, L., Mackin, E. and Callahan, A., *Rehabilitation of the Hand*, 4th edn, Mosby, 1996.

**Orthoptics****First year****ANTERIOR SEGMENT (15 CPs. Sem. II. Bu.) OR1ANT Dr L. S. Kwok**

Provides students with an understanding of the anatomy and physiology of the anterior chamber, aqueous production and the maintenance of intra-ocular pressure. The implications of the physiological and structural changes in intra-ocular pressure and the lens will be considered. Both the theoretical knowledge and methods of instrumentation required for clinical investigation will be covered, with the methods of anterior segment examination, intra-ocular pressure measurement and ocular biometry being some of the areas included. This subject provides a preparation for later clinical placements.

**Co-requisite:** enrolment and participation in OR1OAP, HB12HBF.

**Class requirements:** five hours of lectures, tutorials, case discussion, self-directed learning or instrumentation sessions per week.

**Assessment:** one 1,500-word assignment (20%), one 3-hour written examination (60%) and one practical examination (20%).

**INTRODUCTION TO PROFESSIONAL COMMUNICATION SKILLS (5 CPs. Sem. I. Bu.) PH1PCS Ms J. Costigan**

Provides students with a knowledge of the processes of interpersonal communications. The student will be introduced to the communication skills required, particularly in relation to the orthoptic clinical setting. This will include such aspects as the clinician-patient relationship, the interdisciplinary relationships and the role of the student in these fields. The subject will cover aspects of verbal, non-verbal and written communications.

**Class requirements:** two hours of seminars and group discussions per week.

**Assessment:** one 1,500-word assignment (100%).

**OPTICS AND VISION (15 CPs. Sem. I. Bu.) OR1OPV Ms J. Pollock**

Students gain an understanding of the basis of visual acuity and optical principles in relation to the refractive system of the eye. This subject integrates a knowledge of the physics of light and the principles of physical optics with the ocular system, its refractive errors and physiological defects. The basis of visual acuity and accommodation are also included. The theoretical content and the clinical investigatory skills of visual acuity testing and lens measurement are integrated throughout this subject, provided by a combination of lectures, tutorials, learning packages and instrumentation sessions.

**Class requirements:** The equivalent of five hours of lectures, tutorials, self-directed learning or instrumentation sessions per week.

**Assessment:** six class tests (50%) and one 2.5-hour written examination (50%).

**Prescribed reading:**

*Student manual.*

Abrams, D. *Duke-Elder's practice of refraction*. 10th edn, Edinburgh, Churchill Livingstone. 1995.

Mein, J. and Trimble, R. *Diagnosis and Management of Ocular Motility Disorders*, 2nd edn. Melbourne, Blackwell, 1991.

Noorden von, G. K. *Binocular Vision and Ocular Motility. Theory and Management of Strabismus*, 5th edn. St. Louis, Mosby, 1995.

**PROTECTIVE STRUCTURES AND CLEAR MEDIA (15 CPs. Sem. I. Bu.) OR1OAP Dr K. Fitzmaurice**

Provides students with a general knowledge of the anatomy, physiology and embryological development of the orbit, the globe and adnexa in relation to the associated structures of the head and neck. A more detailed anatomy and physiology of the protective layers and clear media of the eye is provided. The clinical methods of observation and measurement of these structures in the normal eye, such as slit lamp examination and tonometry will also be taught.

**Co-requisite:** enrolment and participation in HB11APH.

**Class requirements:** four hours of lectures, tutorials, self-directed learning or instrumentation sessions per week.

**Assessment:** class based unit tests throughout the semester (20%) and two 2-hour written examinations (80%).

**Prescribed reading:**

Forrester, J., Dick, A., McMenamin, P. and Lee, W. *The Eye: Basic sciences in practice*. W. B. Saunders & Co Ltd London. 1996.

**REFRACTION (15 CPs. Sem. II. Bu.) OR1REF Mr Z. Georgievski**

This subject expands on the principles studied in OR1OPV, providing students with an understanding of the principles of refraction, the clinical assessment, measurement and correction of refractive errors. It includes an introduction to the principles of the fitting and dispensing of spectacles, contact lens wear and surgical correction of refractive error. The student will gain experience in the methods of objective and subjective refraction through practical classes and clinical tutorials, with further clinical experience at clinical placements throughout the course.

**Co-requisite:** enrolment and participation in OR1OPV.

**Class requirements:** five hours of lectures, tutorials, case discussion, self-directed learning or instrumentation sessions per week.

**Assessment:** three 1,500-word assignments (35%), one 2-hour written examination (40%) and one practical examination (25%).

**RETINA (15 CPs. Sem. II. Bu.) OR1RET Ms J. Pollock**

Students gain an understanding of the anatomical and physiological basis of the posterior segment and retina. This subject includes the normal anatomy and physiology of the uveal tract, ocular vascular supply, vitreous and retina, with particular emphasis on retinal visual function. This subject provides the preparation for later clinical placements, with the instrumentation procedures for the assessment of visual function such as visual acuity, contrast sensitivity, colour vision and perimetry and the investigation of the vitreo-retinal interface being covered at this stage.

**Co-requisite:** OR1ANT, enrolment and participation in OR1OAP, HB11APH, HB12HBF.

**Class requirements:** five hours of lectures, tutorials, self-directed learning or instrumentation sessions per week.

**Assessment:** two 1-hour unit tests (40%), one 1.5-hour written examination (40%) and one practical examination (20%).

**Prescribed reading:**

Anderson, D. R., *Perimetry - With and Without Automation*. The CV Mosby Co., St Louis 1987.

Dowling, J. E.: *The retina: an approachable part of the brain*, Harvard University Press 1987.

Fitzgerald, A. *Colour vision tests and their interpretation*. Aust Orthopt J 1985;22:31-40.

Ishihara, S. *The series of plates designed as a test for colour-blindness. Instructions*. Kanehara Shuppan. Tokyo. Japan.

The City University Colour Vision Test: Introductory notes & instructions. 2nd edn 1980.

**Second year**

**BINOCULAR VISION (15 CPs. Sem. I. Bu.) OR2ST1 Ms L. Santamaria**

This subject provides the student with an understanding of the physiological concepts of binocular single vision. The subject includes the general characteristics and investigation of concomitant strabismus, particularly in relation to refractive error. The students will gain an understanding of the sensory adaptations that occur in the presence of strabismus and other sensory anomalies. The principles of management of these disorders will be introduced. The format of problem-based learning and instrumentation sessions will allow integration of the theoretical concepts and the clinical investigatory skills.

**Prerequisite:** OR1REF, OR1RET.

**Co-requisite:** enrolment and participation in OR2ST2.

**Class requirements:** five hours of problem discussion, tutorial, self-directed learning or instrumentation sessions per week.

**Assessment:** two 750-word assignments (10%), one 3-hour written examination (60%) and one practical examination (30%). Hurdle requirement: both the written and practical examinations must be passed in order to gain a pass in this subject.

**Prescribed reading:**

Learning goal packages as directed.

**BIOMEDICAL INSTRUMENTATION (5 CPs Sem I. Bu.) OR2OP1 Dr L. Abel**

This subject covers a wide range of issues relevant to the safe and accurate use of modern biomedical electronic equipment. Failure to appreciate the implications of the processing carried out by these devices can lead to misinterpretation of the findings obtained. Topics covered include computerised acquisition of data, signal processing and signal averaging. Examples of specific instrument types discussed include evoked potential systems, ultrasound apparatus and electro-oculography. Emphasis is on the practical issues related to biomedical instrumentation. Relevant computer-based demonstrations will be presented. This subject is also available as an elective for any other students.

**Class requirements:** two hours of lectures and laboratory sessions per week.

**Assessment:** two 1,500-word assignments (100%).

**Prescribed reading**

Regan, D. *Human brain electrophysiology: evoked potentials and evoked magnetic fields in science and medicine*. Elsevier, 1989.

**CLINICAL PRACTICE 1 (10 CPs. Sem I. Bu.) OR2CL1 Ms C. Devereux**

This subject provides the student with clinical experience to allow the theoretical knowledge and the investigative and management procedures learnt in the previous subjects to be applied in the clinical setting. This subject will provide supervised clinical experience in the investigation and management of ophthalmic disorders and an introduction to strabismus and binocular vision. Prior to this subject the student will have participated in a clinical block placement of 84 hours between the first and second years of the course.

**Prerequisite:** OR1REF, OR1ANT, OR1RET.

**Co-requisite:** enrolment and participation in OR2ST1, OR2OP2.

**Class requirements:** six hours of clinical practice per week and the equivalent of 1-hour of seminar per week.

**Assessment:** Two case presentations and reports (30%), one clinical examination (70%).

**CONCOMITANT STRABISMUS (15 CPs. Sem. II. Bu.) OR2ST2 Mr Z. Georgievski**

This subject provides the student with an understanding of the aetiology, investigation, characteristics, diagnosis and management of concomitant strabismus and its sensory adaptations. The clinical methods of investigation of concomitant strabismus include measurement of the deviation, and assessment of binocular visual and ocular motor functions. Management techniques include optical, orthoptic, surgical and pharmacological methods. The format of problem-based learning and instrumentation sessions allows the application of the theoretical principles to particular case problems and the achievement of clinical skills.

**Prerequisite:** OR2ST1, OR2CL1.

**Class requirements:** five hours of problem discussion, tutorial, self-directed learning or instrumentation sessions per week.

**Assessment:** two 750 word-assignments (10%), one 3-hour written examination (60%) and one practical examination (30%). Hurdle requirement: both the written and practical examinations must be passed in order to gain a pass in this subject.

**Prescribed reading**

Mein, J. and Trimble, R. *Diagnosis and Management of Ocular Motility Disorders*. 2nd edn. Melbourne, Blackwell, 1991.

Noorden von, G. K. *Binocular Vision and Ocular Motility. Theory and Management of Strabismus*. 5th edn. St. Louis, Mosby, 1995.

**RETINAL DISORDERS (15 CPs. Sem. I. Bu.) OR2OP2 Dr K.**

**Fitzmaurice**

This subject provides the student with a continued understanding of the anatomical and physiological basis of retinal disorders. The student will study the pathological processes including the aetiology, investigation, progression and management of various retinal disorders including retinal degenerations, circulatory problems. The retinal problems associated with systemic disorders, in particular endocrine and metabolic disorders, will be covered. This subject is designed to prepare the student for clinical placement, with the application of previously learnt procedures and inclusion of further instrumentation for the investigation of retinal function, such as electrophysiological testing.

**Prerequisite:** OR1OAP, OR1ANT, OR1RET, HB11APH, HB12HBF.

**Co-requisite:** enrolment and participation in HB21PAG.

**Class requirements:** five hours of lectures, tutorials, self-directed learning or instrumentation sessions per week.

**Assessment:** two 1-hour unit tests (20%), one 2-hour written examination (60%) and one practical examination (20%). Hurdle requirement: both the written and practical examinations must be passed in order to gain a pass in this subject.

**Recommended reading**

Cavallerano, A. A., Gutner, R. K. and Oshinskie, L. J. *Macular Disorders an illustrated diagnostic guide*. Butterworth-Heinemann Boston 1997.

Kanski, J. J. and Thomas, D. J. *The Eye in Systemic Disease*. 2nd edn Butterworth-Heinemann London 1990

Pitts Crick, R. and Trimble, R. B. *A Textbook of Clinical Ophthalmology*. Hodder and Stoughton London 1986



**NEURO-OPHTHALMIC DISORDERS 1 (15 CPs. Sem II. Bu.) OR2NE1***Ms J. Pollock*

This subject introduces the student to the sensory neuronal processes of visual function from the retina through the visual pathway to the extra-striate cortex. The basis of visual perception is also introduced. The student will gain a knowledge of the aetiology and effects of disorders of the visual pathway and will be able to perform the orthoptic investigation procedures for diagnosis of these problems, including perimetric, pupil function and colour vision testing. The student will be introduced to the more common neuro-pathological processes and to general neurological imaging investigations.

*Prerequisite:* OR1RET, HB11APH, HB12HBF.

*Co-requisite:* enrolment and participation in HB21NEU.

*Class requirements:* five hours of lectures, tutorials, self-directed learning or instrumentation sessions per week.

*Assessment:* two 1,500-word assignments (40%) and one 3-hour written examination (60%).

**Recommended reading**

Anderson, D. R. *Perimetry with and without automation*. 2nd edn. The C. V. Mosby Co. St. Louis. USA. 1987.

Ellenberger, C. *Perimetry, principles technique and interpretation*. Raven Press. USA. 1980.

Henson, D. B. *Visual fields*. Oxford University Press. Oxford. UK. 1993.

**OPHTHALMIC PRACTICE (15 CPs. Sem. II. Bu.) OR2OP3 Ms C. Devereux**

This subject is designed to provide an understanding of anterior segment pathology and the role of the orthoptist in the investigation and management of these disorders. This subject will provide the student with further knowledge of the effects of systemic disease on refractive errors and ocular dysfunction and the pathological causes of refractive error. The student will be expected to present the information gained from clinical block and on-going placements in the form of case reports and clinical problems in order to develop their skills of ophthalmic case management.

*Prerequisite:* OR1OPV, OR1OAP, OR1REF, OR1ANT, OR1RET.

*Co-requisite:* OR2OP1, OR2OP2, HB21PAG.

*Class requirements:* three hours of seminars and three hours of clinical practice per week.

*Assessment:* two 1,500-word assignments (40%) and one 3-hour written examination (60%).

**Recommended reading**

Kanski, J. *Clinical ophthalmology a systematic approach*, 2nd edn. Butterworth & Co. London. UK. 1989.

Vaughan, D. and Asbury, T. *General Ophthalmology*. 11th edn. Lange USA. 1986.

Stein, H., Slatt, B. and Stein, R. *The Ophthalmic Assistant*. 6th edn. Mosby St. Louis. 1994.

**RESEARCH DESIGN IN ORTHOPTIC PRACTICE (5 CPs. Sem. II. Bu.) OR2PR1 Dr K. Fitzmaurice**

This subject is designed to introduce the student to the concepts of research design within orthoptic practice. The student will be involved in the design of a research project in an area of interest from their clinical experience. This research protocol will include a review of the literature, hypothesis formulation, design of method and data collection and discussion of ethical considerations and the statistical analysis.

*Co-requisite:* enrolment and participation in PH1RMH, PH2RM2.

*Class requirements:* two hours of seminar and group discussions per week.

*Assessment:* one 3,000-word assignment (100%).

**Recommended reading**

Minichiello, V., Aroni, R., Timewell, E. and Alexander, L. *In-Depth Interviewing researching people*. Longman Cheshire Melbourne 1991.

Minium, E.W., King, B. M. and Bear, G. *Statistical reasoning in psychology and education*. 3rd edn. Wiley 1993

Polgar, S. and Thomas, S. A. *Introduction to research in the health sciences*. 2nd edn. Churchill Livingstone 1990.

**SENSORY SYSTEMS IN ORIENTATION AND MOBILITY (20 CPs. Sem. II. Bu.) OR2SSM Dr K. Fitzmaurice and Dr M. Schwartz**

The visual and auditory systems are examined from an orientation and mobility perspective. The Visual System: the structure and function of the components of the eye, normal ocular physiology and problems arising from anatomical damage, physiological dysfunction and pathology. The functional aspects of visual impairment and appropriate rehabilitation strategies are discussed. The Auditory System: the structure and function of the auditory system, causes of

auditory impairment, functional consequences of common types of auditory impairment in orientation and mobility. Techniques for auditory enhancement are discussed.

*Prerequisite:* HB11APH, HB12HRB, PH1IB1, PH1IB2.

*Class requirements:* one 2-hour lecture and one 1-hour lecture per week.

*Assessment:* one 2-hour examination (60%) and one 2,500-word assignment (40%).

**Third year****BIOMEDICAL INSTRUMENTATION (5 CPs. Sem. I. Bu.) OR353 Dr L. Abel**

Covers a wide range of issues relevant to the safe and accurate use of modern biomedical electronic equipment. Failure to appreciate the implications of the processing carried out by these devices can lead to misinterpretation of the findings obtained. Topics covered include computerised acquisition of data, signal processing and signal averaging. Specific instrument types discussed include evoked potential systems, ultrasound apparatus and electro-oculography. Emphasis is on the practical issues related to biomedical instrumentation. Relevant computer-based demonstrations will be presented.

*Prerequisite:* This subject is available to third-year students enrolled in any undergraduate course in the Faculty of Health Sciences, or in Medical Sciences, Engineering (Electronics), double-degree Science and Electronic Engineering.

*Class requirements:* 26 hours of lectures and demonstrations.

*Assessment:* one 1,500-word assignment (50%) and one 1,500-word assignment (50%).

**CLINICAL REPORT (50 CPs. All year. Bu.) OR391 Ms L. Santamaria**

Presents an opportunity to investigate, analyse, evaluate and apply a chosen project that enhances clinical and/or professional experience. Students enrolling in this subject are expected to be of advanced standing and therefore eligible to practise as orthoptists. Offered by contract learning, it is envisaged that students work on the project within their current professional activities. The project is chosen following initial consultation with staff who monitor the ongoing project. Possible topics include the design and evaluation of a pilot research project, an evaluation and analysis of orthoptic work experience, or the design and development of an orthoptic process or equipment.

*Prerequisite:* a previous orthoptic qualification.

*Class requirements:* no formal attendance requirements. Work on the project is a combination of self-directed and clinical hours, which is determined by the boundaries of the contract. This should be no more than six hours per week.

*Assessment:* one 4,500-word assignment (100%).

**HEALTH PROMOTION AND PRIMARY HEALTH CARE (5 CPs. Sem. I. Bu.) OR381 Ms L. Santamaria**

Designed to introduce students to the concepts of primary health care, health, illness, health promotion and education. The primary health care concept and the factors that determine one's health are considered. These factors include the role of the individual and external influences, such as the environment. An awareness is created of the orthoptist's contribution to patient and community health promotion and education. The range of providers which are part of the primary health care sector and the particular role that the orthoptist can contribute will be explored.

*Class requirements:* 26 hours of class discussion and project work.

*Assessment:* one 1,500-word assignment (50%) and one 1,500-word assignment (50%).

**MEDICAL DISORDERS IN VISUAL REHABILITATION (5 CPs. Sem. I. Bu.) OR340 Ms L. Santamaria**

Gives the student background knowledge concerning medical disorders requiring visual rehabilitation, including paediatric, neurological, geriatric and ophthalmic disorders.

*Prerequisite:* HB21PAG.

*Co-requisite:* OR361, OR362.

*Class requirements:* 26 hours of class discussions and self-directed learning.

*Assessment:* one 1,000-word assignment (33.3%), one 1,000-word assignment (33.3%) and one 1,000-word assignment (33.3%).

**NATURAL AND ARTIFICIAL VISION SYSTEMS (5 CPs. Sem. II. Bu.) OR354 Dr L. Abel**

This is an elective that integrates studies in biological visual systems ranging from the invertebrate to the human, with those in artificial visual systems such as used in robotics. The objective is to illustrate how understanding different levels of natural visual processing, from motion processing in the fly, to complex human perceptual behaviour, may contribute to the development of more flexible and capable

artificial vision systems and conversely, how developments in artificial vision may further our understanding of visual function in organisms including humans. Subjects will be covered in a manner accessible to students with either life science or technological backgrounds.

*Prerequisite:* available to third-year students enrolled in Orthoptics, Medical Sciences, Cognitive Sciences, Engineering (electronics), double-degree Science and Electronic Engineering.

*Class requirements:* 26 hours of lectures.

*Assessment:* one 1,500-word assignment (50%) and one 1,500-word assignment (50%).

**OPHTHALMIC STUDIES A (10 CPs. Sem. I. Bu.) OR351 Ms L. Santamaria**

Provides an understanding of various specialist ophthalmic techniques, including electrophysiological investigation, visual field analysis, colour vision investigation and ophthalmic surgical assistance. This involves the study of the theoretical principles of the procedures and the clinical applications in ophthalmic practice.

*Prerequisite:* OR261, OR262, OR271, OR272, OR2NEU, OR290.

*Co-requisite:* OR390, OR353.

*Class requirements:* 52 hours of lectures, class discussion, clinical experience and self-directed learning.

*Assessment:* one 1,500-word assignment (50%), one 750-word assignment (25%) and one 750-word assignment (25%).

**OPHTHALMIC STUDIES B (15 CPs. Sem. II. Bu.) OR352 Ms L. Santamaria**

Provides an understanding of various specialist ophthalmic techniques, including ultrasonographic techniques, contact lens studies, refraction techniques and advanced ophthalmic assistance. This involves the study of the theoretical principles of the procedures and the clinical applications in ophthalmic practice. Students are also required to prepare a research proposal.

*Prerequisite:* OR261, OR262, OR271, OR272, OR2NEU, OR290.

*Co-requisite:* OR390, OR351, OR353.

*Class requirements:* 78 hours of lectures, class discussion, clinical experience and self-directed learning.

*Assessment:* one 1,500-word assignment (35%), one 750-word assignment (15%), one 750-word assignment (15%), one clinical assessment, class presentation and written report (35%). Hurdle requirement: satisfactory completion of one 2,000-word research design proposal (group report).

**ORTHOPTIC CLINICAL PRACTICE 3 (45 CPs. All year. Bu.) OR390 Mr Z. Georgievski**

Designed to further the students' experience in the investigative and diagnostic area of orthoptics and to extend into all areas of management of strabismus and disorders of ocular motility and binocular vision. A proportion of clinics is chosen to reflect the students areas of particular interest in either rehabilitation or ophthalmic studies.

*Prerequisite:* OR271, OR272, OR290.

*Co-requisite:* OR371, OR372.

*Class requirements:* 285 hours of clinical practice.

*Assessment:* Unit 1, ocular motility investigation and management (80% of the total). Two clinical assessments, first semester (20% each), two clinical assessments, second semester (25% each) and a viva voce (10%). Unit 2, perimetry and tonometry (10% of the total), a viva voce. Unit 3, refraction (10% of the total), a viva voce. Evidence of attendance at 16 hours of surgical observation.

**ORTHOPTICS 3A (15 CPs. Sem. I. Bu.) OR371 Ms L. Santamaria**

Focuses on patient management problems, allowing the consolidation and application of the theoretical and clinical knowledge studied in previous years to various orthoptic problems.

*Prerequisite:* OR271, OR272, OR2NEU, OR290.

*Co-requisite:* OR390.

*Class requirements:* 39 hours of problem discussion sessions and 26 hours of seminars.

*Assessment:* four 500-word assignments (30%) and one 2-hour written examination (70%).

**ORTHOPTICS 3B (15 CPs. Sem. II. Bu.) OR372 Ms L. Santamaria**

Consolidates the development of the students clinical reasoning skills by the continued study of patient management problems. These problems promote the integration of the theoretical and clinical knowledge gained throughout the course. These problems include concomitant strabismus, sensory disorders and adaptations, ocular motor disorders and associated systemic conditions.

*Prerequisite:* OR271, OR272, OR2NEU, OR290.

*Co-requisite:* OR371, OR390.

*Class requirements:* 39 hours of problem discussion sessions and 26 hours of seminars.

*Assessment:* four 500-word assignments (20%) and one 3-hour written examination (80%).

**REHABILITATION STUDIES A (10 CPs. Sem. I or II. Bu.) OR361 Dr K. Fitzmaurice**

Provides a thorough knowledge of the principles and practice of rehabilitation in the presence of visual impairment. This includes the study of the functional problems associated with visual impairment and the development of rehabilitation programs.

*Prerequisite:* OR261, OR262, OR271, OR272, OR2NEU, OR290.

*Co-requisite:* OR390.

*Class requirements:* 52 hours of lectures, class discussion, seminars and self-directed learning.

*Assessment:* one 2,000-word assignment (70%) and one 1,000-word assignment (30%).

**REHABILITATION STUDIES B (15 CPs. Sem. I or II. Bu.) OR362 Dr K. Fitzmaurice**

Allows the student to explore the functional aspects of vision in conjunction with traditional diagnostic measurements in order to interpret the visual capabilities of clients with special needs. Students are encouraged to consider the effects of ocular motor defects on visual function, particularly in those with neurological dysfunction. Students are also required to prepare a research proposal.

*Prerequisite:* OR261, OR262, OR271, OR272, OR2NEU, OR290.

*Co-requisite:* OR390, OR361.

*Class requirements:* 78 hours of lectures, class discussion, seminars and self-directed learning.

*Assessment:* one 2,000-word assignment (70%), one 1,000-word assignment (30%). Hurdle requirement: satisfactory completion of one 2,000-word research design proposal (group report).

**Fourth year**

**ADVANCED CLINICAL/LABORATORY PRACTICE (20 CPs. All year. Bu.) OR490 Dr L. S. Kwok**

The area of clinical practice should be relevant to the honours research project and involves some data collection. The main emphasis is to develop specialised clinical skills in a particular area of interest. The clinical setting may be external or within the university. Three contact hours per week are recommended. By third year, the general clinical expertise expected is one of a graduate orthoptist. This subject allows concentrated specialised skills to be proficiently attained.

*Class requirements:* 78 hours.

*Assessment:* one 30-minute seminar presentation to students (20%) and one 3,000-word assignment on material presented (80%).

**ORTHOPTICS HONOURS ELECTIVE (20 CPs. Sem. I. Bu.) OR472 Dr L. S. Kwok**

Allows students to study an area of specialist theoretical content of particular relevance to the honours research project. The style of learning recommended is contract learning, whereby an agreement is reached between the subject examiner and the student as to the suggested content of the subject, the type of assessment and the individual study and contact time that should be spent on this area.

*Assessment:* one 20-minute seminar presentation (20%) and one 3,000-word assignment (80%).

**RESEARCH THESIS/PROJECT (60 CPs. All year. Bu.) OR470 Dr L.S. Kwok**

This project is the main emphasis of the honours year. It includes project design, literature review, data collection, analysis of results, presentation of seminars and the preparation of a 10,000-word assignment on the research project.

*Class requirements:* seven hours per week.

*Assessment:* participation in case presentations through formal seminars and the preparation of a 10,000-word assignment on the research project topic in a format suitable for scientific publication (100%).

**Physiotherapy**

**First year**

**PHYSIOTHERAPY CLINICAL PRACTICE 1 (5 CPs. All year. Bu.) PT1CP1 Ms Megan Davidson**

Provides students with the opportunity to observe physiotherapy practice in a variety of work place settings. It also allows students to apply knowledge, assessment and treatment skills taught in the first year of the course to client management and for the development of interpersonal and handling skills and professional attitudes.

*Co-requisite:* all other first-year physiotherapy subjects.



**Class requirements:** 33 hours of clinical placement and briefing and debriefing sessions. **Hurdle requirement:** Students must demonstrate a satisfactory level of safety.

**Assessment:** clinical assessment (100%).

### **PHYSIOTHERAPY SKILLS AND ANATOMY 1 (30 CPs. Sem. I. Bu.)**

**HB11PSA Dr Rod Green and Ms Heather Bond**

Principles of bones, joints, skeletal muscles, nerves, vessels and skin will be introduced. These principles will be applied to regional anatomy of the lumbar vertebral column and lower limb and to the development of physiotherapy skills related to these regions of the body. Embryological development relevant to an understanding of the gross anatomy will be covered in each region. Lectures will be supported by physiotherapy skills classes and other practical classes including examination of appropriate cadaver, histological and radiographic materials, and CAL activities. Emphasis is placed on the application of anatomical principles to correlate structure with function in developing an understanding of the bases of everyday activities and related clinical problems. Students will be required to reflect on their clinical practice through the completion of a video-based assignment as part of their assessment.

**Class requirements:** four 1-hour lectures, one 1-hour tutorial, one 2-hour practical class, two 1.5-hour practical classes and two 1-hour practical classes per week.

**Assessment:** Anatomy: one 3-hour written examination (40%) and five practical tests (10%).

Physiotherapy Skills: one 1.5-hour written examination (25%), one 20-minute practical exam (20%) and one 1,000-word video-based assignment (5%). **Hurdle requirement:** students must satisfactorily complete both the written and practical examinations for physiotherapy skills and receive an overall pass in the anatomy component of their assessment.

#### **Prescribed reading:**

*Anatomy Atlas* (any)

HB11PSA Physiotherapy skills & anatomy 1 Manuals, current edn. Norkin, C. and Levangie, P. *Joint structure and function. A comprehensive analysis*, 2nd edn, F. A. Davis 1992

Rosse, C. and Gaddum-Rosse, P. *Hollinshead's textbook of anatomy*, 5th edn, Lippincott Raven, 1997

### **PHYSIOTHERAPY SKILLS AND ANATOMY 2 (30 CPs. Sem. II. Bu.)**

**HB12PSA Dr Rod Green and Ms Heather Bond**

Mechanics of connective tissues will be introduced and the principles of anatomy covered in HB11PSA will be applied to regional anatomy of the cervical vertebral column and upper limb and to the development of physiotherapy skills related to these regions of the body. Embryological development relevant to an understanding of the gross anatomy will be covered in each region. Lectures will be supported by physiotherapy skills classes and other practical classes including examination of appropriate cadaver, histological and radiographic materials, and CAL activities. Emphasis is placed on the application of anatomical principles to correlate structure with function in developing an understanding of the bases of everyday activities and related clinical problems. Students ability to correlate structure with function will be assessed by the presentation of a seminar comparing homologous components of the upper and lower limb.

**Co-requisite:** HB11PSA.

**Class requirements:** four 1-hour lectures, one 1-hour tutorial, one 2-hour practical class, two 1.5-hour practical classes and two 1-hour practical classes per week.

**Assessment:** Anatomy: one 2.5-hour written examination (35%), five practical tests (10%) and one 15-minute seminar (5%).

Physiotherapy Skills: one 1.5-hour written examination (30%), one 20-minute practical exam (20%). **Hurdle requirement:** students must satisfactorily complete both the written and practical examinations for physiotherapy skills and receive an overall pass in the anatomy component of their assessment.

#### **Prescribed reading:**

*Anatomy Atlas* (any)

HB12PSA Physiotherapy skills & anatomy 2 Manuals, current edn. Norkin, C. and Levangie, P. *Joint structure and function. A comprehensive analysis*, 2nd edn, F. A. Davis 1992.

Rosse, C. and Gaddum-Rosse, P. *Hollinshead's textbook of anatomy*, 5th edn, Lippincott Raven, 1997.

### **Second year**

### **CHILD DEVELOPMENT IN PHYSIOTHERAPY (5 CPs. Sem. I. Bu.)**

**PT2CDP Ms Karen Dodd**

Designed to develop skills in observation and analysis of normal patterns of movement in children, the focus is a study of the

development of normal coordination, a necessary prerequisite for understanding normal variations in the overall development of the child. This forms the background for the study of conditions which students encounter in paediatric physiotherapy. All aspects of development are studied, from conception to the age of six, with the emphasis on the development of movement and normal postural control. **Class requirements:** six 1-hour lectures, 13-hours of tutorials and 1-hour of self learning guide per semester.

**Assessment:** one 1,000-word written assignment (group) (50%) and one 45-minute examination (50%).

#### **Prescribed reading:**

Alexander, R., Boehme, R., and Cupps, B. *Normal development of functional motor skills*, Arizona, Therapy Skill Builders 1993. Child development in physiotherapy practical manual, current edn., School of Physiotherapy, La Trobe University.

### **ELECTROPHYSICAL AGENTS (15 CPs. Sem. II. Bu.) PT2EPA Dr Val Robertson**

This subject introduces the principles and practice of using electrophysical agents (EPAs) in physiotherapy treatment and diagnosis. The syllabus includes electrical safety, therapeutic heat and cold, electromagnetic radiations, electrical stimulation, interferential therapy, myoelectric biofeedback and pneumatic limb compression. Topics are considered in terms of biophysics, physiological effects, indications for use, contraindications to use, dosage, principles and techniques of application, investigations of outcomes of treatment, and care of apparatus.

**Prerequisite:** all first year physiotherapy subjects.

**Co-requisite:** all second year physiotherapy subjects.

**Class requirements:** two 1-hour lectures, two 1.5-hour practical sessions and one 1-hour tutorial per week.

**Assessment:** one 2-hour written examination (50%) and one 30-minute practical examination (50%).

#### **Prescribed reading:**

Electrotherapy practical manual, current edition, School of Physiotherapy, La Trobe University.

Low, J. and Reed, A. *Electrotherapy explained*. 2nd edn. Butterworth-Heinemann Ltd. 1994.

### **PAEDIATRIC PHYSIOTHERAPY (5 CPs. Sem. II. Bu.) PT2PAE Ms Karen Dodd**

Provides students with the theoretical background for assessing and managing children with posture and movement disabilities. Emphasis is on the assessment and treatment of children with neurological and orthopaedic conditions. Students also gain insight into working in a multi-disciplinary team and realising the importance of this for the total needs of the child and family.

**Class requirements:** sixteen 1-hour lectures, five 1.5-hours of tutorials and 1.5-hours of practical sessions per semester.

**Assessment:** one 1-hour written examination (100%).

#### **Prescribed reading:**

Physiotherapy in paediatrics - practical manual, current edn, School of Physiotherapy, La Trobe University.

### **PHYSIOTHERAPY CLINICAL PRACTICE 2 (15 CPs. All year. Bu.)**

**PT2CP2 Ms Megan Davidson and Ms Dawn Best**

Provides students with the opportunity to gain essential knowledge and skills related to physiotherapy professional practice. The clinical decision making process is introduced in the theory component for application in the clinical tutorials and clinical placement. The practical component emphasis the application of knowledge and the acquisition of basic skills of communication, patient assessment and treatment.

**Prerequisite:** all first-year subjects. Students must satisfactorily complete a St John Ambulance Level 2 or equivalent first aid course prior to the second-year clinical placements.

**Co-requisite:** all other second-year physiotherapy subjects.

**Class requirements:** four hours of theory, 12 hours of clinical tutorials and visits and 64 hours of clinical placement.

**Assessment:** Attendance and participation in class work and clinical visits; a clinical portfolio and a clinical assessment. (100%). **Hurdle requirement:** students must demonstrate a satisfactory level of safety.

### **PHYSIOTHERAPY SKILLS AND ANATOMY 3 (30 CPs. Sem. I. Bu.)**

**HB21PSA Dr Robyn Anker and Ms Heather Bond**

Principles of anatomy covered in HB11PSA will be applied to regional anatomy of the thorax, abdomen and head and neck, including neuroanatomy, and to the development of physiotherapy skills related to these regions of the body. Embryological development relevant to an understanding of the gross anatomy will be covered in each region. Lectures will be supported by physiotherapy

skills classes and other practical classes including examination of appropriate cadaver, histological and radiographic materials, and CAL activities. Emphasis is placed on the application of anatomical principles to correlate structure with function in developing an understanding of the bases of everyday activities and related clinical problems. Development of clinical problem-solving skills will be assessed through a project involving the evaluation and management of a soft tissue injury.

**Prerequisite:** HB11PSA, HB12PSA.

**Class requirements:** five 1-hour lectures, two 30-minute tutorials, one 2-hour practical class, two 1.5-hour practical classes and two 1-hour practical classes per week.

**Assessment:** Anatomy: one 3-hour written examination (40%) and five practical tests (10%).

**Physiotherapy Skills:** one 1.5-hour written examination (20%), one 20-minute practical exam (20%), one 1,500-word clinical assignment (5%) and peer tutoring (5%). Hurdle requirement: students must satisfactorily complete both the written and practical examinations for physiotherapy skills and receive an overall pass in the anatomy component of their assessment.

**Prescribed reading:**

*Anatomy Atlas* (any)

Bruckner, P. and Khan, K. *Clinical sports medicine*, McGraw-Hill 1993.

HB21PSA *Physiotherapy skills & anatomy 3 Manuals*, current edn. Rosse, C. and Gaddum-Rosse, P. *Hollinshead's textbook of anatomy*, 5th edn, Lippincott Raven, 1997.

**PHYSIOTHERAPY SKILLS 2B (10 CPs. Sem. II. Bu.) PT2PSB Ms Heather Bond**

Covers the theoretical and practical study of assessment and treatment techniques used in physiotherapy, with special emphasis on analysis and re-education of movement dysfunction. Additional areas covered include gait, hydrotherapy and orthotic prescription.

**Prerequisite:** all first-year subjects and HB21PSA.

**Co-requisite:** all other second-semester subjects.

**Class requirements:** 10 hours of lectures and 52 hours of practical sessions.

**Assessment:** theoretical component: one 1.5-hour written examination (50%). Practical component: one 20-minute practical examination (50%). Hurdle requirements: demonstration of a satisfactory level of safety. Students are required to reach a satisfactory standard in both the theoretical and practical components of the assessment.

**Prescribed reading:**

*Physiotherapy skills 2B practical manual*, current edn, School of Physiotherapy, La Trobe University.

**Third year**

**CARDIOTHORACIC PHYSIOTHERAPY – CLINICAL (20 CPs. Sem. II. Bu.) PT3CPC Ms Karen Donald**

Gives students the opportunity to practise and improve their skills in the assessment and treatment of patients with cardiac and respiratory conditions. Emphasis is placed on safe and effective practice under the supervision of qualified physiotherapists.

**Prerequisite:** PT3CTH, PT3ORT, PT3NEU.

**Class requirements:** 160 hours of clinical placement.

**Assessment:** continuous clinical assessment (mid-clinic 15%, end of clinic 55%) and one 1-hour written examination (30%).

Hurdle requirements: a pass must be achieved in both the written and clinical components of the assessment in order to achieve an overall pass in the subject. Students must demonstrate a satisfactory level of safety.

**CARDIOTHORACIC PHYSIOTHERAPY - THEORY AND PRACTICE (15 CPs. Sem. I. Bu.) PT3CTH Ms Karen Donald**

Introduces students to the aetiology, pathology, clinical features, complications and management of common cardiac and respiratory conditions. Emphasis is on the development of physiotherapy skills to assess and treat patients with these conditions. Evidence based practice is applied to patient care in the areas of general and specialist surgery, intensive and coronary care, cardiac and pulmonary rehabilitation, respiratory medicine and chest trauma.

**Prerequisite:** All first and second year subjects.

**Class requirements:** thirty nine 1-hour lectures and twenty six 1.5-hour practical sessions per semester.

**Assessment:** one 2-hour written examination (50%), one 30-minute practical examination (50%). Hurdle requirement: demonstration of a satisfactory level of safety. To pass this subject students must obtain a pass in both the written and practical examinations.

**Prescribed reading:**

PT3CTH *cardiothoracic physiotherapy manual*, current edition, School of Physiotherapy, La Trobe University.

**ERGONOMICS AND OCCUPATIONAL HEALTH (5 CPs. Sem. I. Bu.) PT3EOH Ms Margaret Best**

Introduces students to occupational health and safety practice, with an emphasis on the application of ergonomics to occupational health and the relevance of ergonomics and occupational health to physiotherapy practice. It covers concepts and principles of disease prevention and injury, the nature of work and its relationship to health, introduction to epidemiology and toxicology, occupational and compensation law, health education and promotion, screening and monitoring; and ergonomics, including anthropometry, posture, manual handling, workstation design, vision and lighting, noise and hearing, vibration, psychosocial and organisational issues of job design. Students make a work-site visit and assessment of a working environment.

**Prerequisite:** All second year physiotherapy subjects.

**Quota:** 20. Students enrolled in the Bachelor of Physiotherapy will be given priority in order to meet the elective requirements of the course. Any remaining places will be allocated to students in other courses on academic merit.

**Class requirements:** thirteen 1-hour lectures, three 2-hour practical sessions, two 2-hour seminars and one 3-hour work-site visit per semester.

**Assessment:** one 15-minute class presentation (100%).

**Prescribed reading:**

Kroemer, K. and Grandjean, E. *Fitting the task to the human*. 5th edn. Taylor and Francis. 1997.

**INTRODUCTION TO FELDENKRAIS (5 CPs. Sem. I. Bu.) PT3FEL Ms Janet McConville**

Designed as an introduction to the Feldenkrais method. This is achieved by experiencing awareness through movement lessons, discussions, handling activities and a clinical visit. The Feldenkrais method is comprised of awareness through movement, where the subject is taken through structured movement sequences and functional integration which is one-to-one, hands on. The method uses movement to increase a person's self awareness in action, generating a quality of ease and efficiency of movement, improving posture and breathing and enhancing self image. The Feldenkrais method is appropriate for use across the full range of people, ages and functional levels.

**Class requirements:** eight 3-hour workshops and one 2-hour clinical visit per semester.

**Quota:** 20. Students enrolled in the Bachelor of Physiotherapy will be given priority in order to meet the elective requirements of the course. Any remaining places will be allocated to students in other courses on academic merit.

**Assessment:** one 1,200-word written assignment (100%). Hurdle requirement: one 300-word report on clinic visit and satisfactory attendance and participation in class-work

**MEASUREMENT SYSTEMS FOR HUMAN MOVEMENT ASSESSMENT (5 CPs. Sem. I. Bu.) PT3HMA Dr Patricia Goldie**

Students learn about a range of measurement systems for the analysis of temporal and distance, kinematic and kinetic aspects of human movement. The focus is on assessment of movement disorders of relevance to clinical practice in physiotherapy. Students will gain experience in reading relevant research papers, participating in group projects and writing up the findings for assessment.

**Prerequisite:** all second-year physiotherapy subjects.

**Class requirements:** one 1-hour lecture and 25 hours of demonstration and/or practical experience per semester.

**Quota:** 20. Students enrolled in the Bachelor of Physiotherapy will be given priority in order to meet the elective requirements of the course. Any remaining places will be allocated to students in other courses on academic merit.

**Assessment:** one 1,500-word laboratory report (100%). Hurdle requirement: attendance at field visits.

**NEUROLOGICAL PHYSIOTHERAPY - CLINICAL (20 CPs. Sem. II. Bu.) PT3NPC Professor Meg Morris**

Provides the opportunity to apply and integrate knowledge gained previously into clinical practice. Students design, implement and evaluate treatment strategies and gain insight into the role of other professionals concerned with the management of patients with neurological disorders.

**Prerequisite:** PT3CTH, PT3ORT, PT3NEU.

**Class requirements:** 160 hours of clinical placement.

**Assessment:** continuous clinical assessment (75%) and one 1-hour written examination (25%). **Hurdle requirement:** a pass must be achieved in both the written and clinical components of the assessment in order to achieve an overall pass in the subject. Students must demonstrate a satisfactory level of safety.

#### **NEUROLOGICAL PHYSIOTHERAPY - THEORY AND PRACTICE (15 CPs. Sem. I. Bu.) PT3NEU Professor Meg Morris**

Enables students to learn to analyse the functional problems of persons presenting with neurological disorders and to select appropriate strategies for movement education. Students gain an understanding of the aetiologies, pathology, clinical presentation and medical and surgical management of common neurological conditions. Skills in the application of selected movement education techniques are learned by working with other students and simulated patients and movement analysis skills are practised using videotapes. Self learning guides complement lectures and practical classes. Throughout the program, students learn to evaluate the effectiveness of therapeutic interventions.

**Prerequisite:** All first and second year subjects.

**Class requirements:** thirty four 1-hour lectures, twenty five 1.5-hour practicals or tutorials, one patient demonstration, one simulated patient workshop and one visit to a spinal unit.

**Assessment:** one 2-hour written examination (60%) and one 20-minute practical examination (40%).

#### **Prescribed reading:**

Ada, L., Canning, C. (eds). *Key issues in neurological physiotherapy*. Butterworth Heinemann, 1990.

Carr, J. and Shepherd R. *Neurological Rehabilitation Optimizing Motor Performance*, Oxford Butterworth Heinemann 1998.

Umphred, D. A. *Neurological Rehabilitation*. 3rd edn. St Louis, Mosby-year Book, 1995.

#### **ORTHOPAEDIC PHYSIOTHERAPY - CLINICAL (20 CPs. Sem. II. Bu.) PT3OPC Mr Nick Taylor**

This subject gives students the opportunity to practise and improve their skills in the assessment and treatment of patients with orthopaedic conditions. Emphasis is placed on safe and effective practice under the supervision of qualified physiotherapists.

**Prerequisite:** PT3CTH, PT3ORT, PT3NEU.

**Class requirements:** 160 hours of clinical placement.

**Assessment:** continuous clinical assessment (mid-clinic 5%, end of clinic 65%), and one 1-hour written examination (30%). **Hurdle requirement:** a pass must be achieved in both clinical and written components of the assessment in order to achieve an overall pass in this subject. Students must demonstrate a satisfactory level of safety.

#### **ORTHOPAEDIC PHYSIOTHERAPY – THEORY AND PRACTICE (15 CPs. Sem. I. Bu.) PT3ORT Mr Nick Taylor**

This subject introduces students to aetiology, pathology, clinical features, complications and management of common orthopaedic conditions, including fractures, soft tissue injuries and vertebral syndromes. Emphasis is on the development of physiotherapy skills to assess and treat patients with these conditions.

**Prerequisite:** All first and second year subjects.

**Class requirements:** thirty-three 1-hour lectures and thirty 1.5-hour practical sessions.

**Assessment:** one 2-hour written examination (50%) and one 30-minute practical examination (50%). **Hurdle requirement:** demonstration of a satisfactory level of safety. To pass this subject students must obtain a pass in both the written and practical examinations.

#### **Prescribed reading:**

PT3ORT orthopaedic practical manual, current edn, School of Physiotherapy, La Trobe University.

#### **RESEARCH DESIGN IN PHYSIOTHERAPY (15 CPs. All year. Bu.) PT3HON Ms Karen Dodd**

This subject runs concurrently with the undergraduate course and is offered as the first part of a two-year program in third and fourth years, leading to the award of a honours degree. This subject introduces students to the principles of conducting research which is of relevance to physiotherapy. Each student works closely with a supervisor who guides the development of a research project. In addition, students attend regular lectures, seminars and laboratory sessions in which the theoretical and pragmatic aspects of conducting research are discussed. Topics include writing skills for literature reviews, the use of computers in research and the application of principles of research design as learnt in PH1RMH and PH2RMH. Emphasis is placed on encouraging the student to apply principles of critical analysis to the theory and practice of research.

**Prerequisite:** all second year physiotherapy subjects. Applicants are selected on the basis of previous academic performance.

**Class requirements:** 28 hours of lectures/seminars and 37 hours of contact with supervisor for individual consultation and independent work. **Assessment:** one 3,000-words evaluative analysis essay (100%).

#### **Prescribed reading:**

American Psychological Association. *Publication manual of the American Psychological Association*, 4th edn, Washington, DC: Author 1994.

Portney, L. G. and Watkins, M. P. *Foundations of clinical research: applications to practice*, latest edn. Appleton and Lange 1993.

#### **SPORT AND EXERCISE PSYCHOLOGY B (15 CPs. Sem. I. Bu.) PT3SPB Dr Gregory Kolt**

This subject focuses on the scope, aims and techniques of sport and exercise psychology. The scope of sport psychology: its importance in changing community health behaviours; working with special groups such as disabled persons, elite athletes, and non-sport performers (for example, dancers), older populations, and individuals undergoing rehabilitation. The aim of sport psychology should not be limited to winning, but should be oriented to achieving personal goals, whether they be improving performance, improving fitness and health, or simply increasing enjoyment. Techniques include the use of cognitive-behavioural techniques to increase motivation, reduce competition anxiety, improve concentration, enhance teamwork, and manage stressors outside of the sport area (for example, work, study, family).

**Class requirements:** one 1-hour lecture and 1-hour seminar per week and 13 hours of independent work.

**Quota:** 20. Students enrolled in the Bachelor of Physiotherapy will be given priority in order to meet the elective requirements of the course. Any remaining places will be allocated to students in other courses on academic merit.

**Assessment:** brief exercises involving the collection of psychological data from sports people (10%), one 1-hour written examination (30%), one 3,000-word essay (60%). **Hurdle requirement:** satisfactory attendance and participation.

#### **Fourth year**

#### **ADVANCED ORTHOPAEDIC PHYSIOTHERAPY (5 CPs. Sem. I. Bu.) PT4AOP Mr Nick Taylor**

Aims to build on the theoretical knowledge and skills obtained in the third year orthopaedic physiotherapy subjects, so that graduates are better equipped with the skills necessary for treating neuro-musculoskeletal disorders. The subject includes revision and refinement of mobilising and manipulation techniques taught previously, as well as teaching new high velocity thrust techniques for the vertebral column.

**Class requirements:** six 1-hour lectures and 10 hours of practical sessions per semester.

**Assessment:** attendance and participation in class work, one 750-word summary of any lectures not attended, and a skills test to a satisfactory standard on the content of any practical classes not attended (100%).

#### **Preliminary reading:**

Boyling J. D and Palastanga N (eds) *Grieve's modern manual therapy*, 2nd edn, Churchill Livingstone, Edinburgh, 1994.

Maitland, G. D. *Vertebral manipulation*, 5th edn, Butterworths, London, 1986.

#### **ADVANCED ORTHOPAEDIC PHYSIOTHERAPY (20 CPs. Sem. II. Bu.) PT4PAO Mr Nick Taylor**

Provides students with an opportunity to develop further knowledge and clinical skills related to selected aspects of orthopaedic physiotherapy in private practice. The emphasis is on the assessment, selection and delivery of appropriate physiotherapy management for patients with musculo-skeletal conditions.

Students observe experienced clinicians (specialists in manipulative physiotherapy) providing treatment and assist in the physiotherapy management of patients.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

#### **CLINICAL ELECTIVE (40 CPs. Sem. II. Bu.) PT4PCE Ms Megan Davidson**

Comprises a range of options designed to provide final-year students with the opportunity to develop clinical experience in specific areas. The electives are offered as 20 credit point second-semester subjects.

**Class requirements:** 160 hours or 320 hours: Students would normally complete two 5 week clinical placements. Students enrolled in PT4HON do one clinical placement.

**Assessment:** Clinical assessment (70%) and one of either one 1,500-word written assignment and one poster presentation, or one 15-minute verbal presentation (30%). Students doing two elective subjects must choose a different (30%) assessment mode for each. **Hurdle requirement:** students must demonstrate a satisfactory level of safety.

**HONOURS THESIS (45 CPs. All year. Bu.) PT4HON Ms Karen Dodd**  
Second part of a two-year program for a honours degree. Under the supervision of an academic staff member, students will be required to plan, conduct and report on original research.

**Prerequisite:** PT3HON and third year physiotherapy subjects

**Assessment:** one verbal presentation (20%) and one 10,000 to 12,000-word thesis (80%).

**INDEPENDENT STUDY (10 CPs. Sem. I. Bu.) PT4INS Ms Megan Davidson**

This subject provides students with the opportunity to develop skills in locating and evaluating the research literature in a chosen area of study from an evidence-based practice perspective.

**Class requirements:** one 1-hour lecture, two 1.5-hour tutorials, directed learning and independent study.

**Assessment:** one 15-minute verbal presentation (70%), one reference list with one 500-word annotated bibliography (15%) and one 1,000-word critically appraised paper (15%).

**INTRODUCTION TO MASSAGE (5 CPs. Sem. I or II. Bu.) PT800 Ms Sarah Lang**

Students are introduced to the practical skills and underlying theory of soft tissue massage. It includes the study of basic human anatomy relevant to massage, basic physiology of massage, practical relaxation techniques and techniques and skills appropriate to sports massage.

**Incompatible subjects:** HB11PSA, HB12PSA.

**Quota:** minimum: 20 maximum: 40.

**Class requirements:** 26 hours of lectures, demonstrations and practical sessions.

**Assessment:** one 1,000-word assignment (75%) and one 15-minute practical assessment (25%).

**Prescribed reading:**

Clews, W. *Sports massage and stretching*, Bastam Sports 1990.

Tappan, F. M. *Healing massage techniques: A study of eastern and western methods*, 2nd edn, Appleton and Lange 1988.

**INTRODUCTION TO PHYSIOTHERAPY IN WOMEN'S HEALTH (5 CPs. Sem. I. Bu.) PT4PWH Ms Elizabeth Burman**

Introduces students to the fundamental knowledge and skills necessary for working in the field of physiotherapy in women's health and continence. The knowledge component includes specific anatomy, physiology, pathology and pharmacology. Skills acquired are of two kinds: those extrapolated from other areas of physiotherapy practice and those specific to the discipline. Group dynamics and adult learning skills are further practised and small group teaching is experienced.

**Class requirements:** two 3-hour seminars, two 1.5-hour practical sessions, one 2-hour practical session and four 1.5-hour student presentation sessions per semester.

**Assessment:** one 15-minute teaching facilitation session with supporting handout (70%) and one 20-minute written examination (30%).

**Prescribed reading:**

Introduction to physiotherapy in women's health manual, current edn, School of Physiotherapy, La Trobe University.

**INTRODUCTION TO PRACTICE IN SPECIAL AREAS (5 CPs. Sem. I. Bu.) PT4PSA Ms Dawn Best**

Provides students with the opportunity to extend knowledge and skills in some specialist areas of physiotherapy. Areas addressed are community health, occupational health, oncology, burns, plastic surgery, hand conditions, peripheral vascular conditions and pain management. The role of physiotherapy in psychiatry and community health is explored.

**Class requirements:** thirteen 1-hour lectures, one 1.5-hour practical session and two 3-hour seminars per semester.

**Assessment:** one 15-minute group presentation (20%) and one 40-minute written examination (80%).

**PHYSIOTHERAPY IN ADVANCED NEUROLOGY (20 CPs. Sem. II. Bu.) PT4PAN Professor Meg Morris**

Provides the opportunity for students to develop advanced knowledge, skills and insight into the role of the physiotherapist as a member of a team responsible for the management of patients with neurological conditions. For example, disorders of balance control

mechanisms, management of multiple sclerosis, head-injured and spinal patients. Students have the opportunity to acquire advanced skills in handling the neurological patient with management approaches such as Bobath, Feldenkrais and motor learning.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

**PHYSIOTHERAPY IN BURNS AND/OR HAND THERAPY (20 CPs. Sem. II. Bu.) PT4PBH Ms Dawn Best**

Designed to develop knowledge and physiotherapy skills in the assessment and treatment in the acute and rehabilitation stage of patients following burns and/or hand surgery. Further knowledge of medical, surgical and pharmacological treatments of burns and/or hand therapy is provided, as well as an opportunity to gain insight into the roles of the other members involved in the burns and/or hand therapy team.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

**PHYSIOTHERAPY IN CARDIAC REHABILITATION (20 CPs. Sem. II. Bu.) PT4PCR Dr Helen McBurney**

Students further develop knowledge and skills in the management of patients following myocardial infarction and/or coronary artery bypass graft surgery. Emphasis is on the rehabilitative phases and includes insight into the team approach to health care in this field.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

**PHYSIOTHERAPY IN COMMUNITY HEALTH (20 CPs. Sem. II. Bu.) PT4PCH Ms Megan Davidson**

Students are affiliated with a Community Health Service and will participate in preventative health programs and individual treatment programs. They will also work with other health professionals, be required to investigate the composition of the community and the centre services, and will be exposed to some of the methods involved in health service planning.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

**PHYSIOTHERAPY IN GENERAL PRACTICE (40 CPs. All year. Bu.) PT4PGP Ms Megan Davidson**

Students have the opportunity to apply knowledge and practical skills acquired in the preceding components of the course within the clinical setting. Practical experience of advanced professional practice is gained in 2 of 5 areas: acute care, paediatrics, rehabilitation, community health and women's health. Emphasis is on safety and effectiveness of patient management, with further development of skills in clinical reasoning and caseload management.

**Class requirements:** 257 hours: two 4-week clinical placements and one 1-hour clinical preparation session.

**Assessment:** first clinical assessment (35%), second clinical assessment (35%) and one 2-hour examination (30%). **Hurdle requirement:** a pass in all three components is necessary to pass the subject.

**PHYSIOTHERAPY IN GERIATRICS (20 CPs. Sem. II. Bu.) PT4PGE**

**Professor Meg Morris**

Provides students with a broad understanding of physiotherapy in geriatrics and of resources available to help the patient achieve long term optimal independence and self-care. Students are based in a geriatric centre and assess and treat patients on an inpatient, outpatient or domiciliary basis. They attend ward rounds, team meetings, home visits and community resource centres where appropriate.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

**PHYSIOTHERAPY IN GERONTOLOGY AND REHABILITATION (5 CPs. Sem. I. Bu.) PT4PGR Professor Meg Morris**

Covers rehabilitation theory and practical aspects of management used by the physiotherapist in rehabilitation and geriatrics. It gives students an understanding of physical and psycho-social aspects of ageing in health and disease and develops an understanding of the role of physiotherapy in health care teams.

**Prerequisite:** PT3CPC, PT3OPC, PT3NPC.

**Co-requisite:** PT4PSA, PT4PGP, PT4PRI.

**Class requirements:** 26 hours of lectures, seminars and practical sessions and clinical experience.

**Assessment:** one 1-hour written examination (50%) and one written assignment (50%).

**PHYSIOTHERAPY IN INTENSIVE CARE (20 CPs. Sem. II. Bu.) PT4PIC**  
*Ms Karen Donald*

Gives students the opportunity to further develop knowledge and skills in the management of patients in an intensive care facility. Emphasis is on the development of clinical decision making skills in the intensive care environment and on further development of treatment skills. Students work closely with other health-care professionals in the setting.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN OVERSEAS OR INTERSTATE WORK EXPERIENCE (20 CPs. Sem. II. Bu.) PT4011**  
*Ms Megan Davidson*

Students are affiliated with an approved interstate or overseas physiotherapy unit for five weeks, during which time they participate under supervision in selected programs. For example, orthopaedics, cardiothoracic physiotherapy, neurology paediatrics or burns plastics. Students may be provided with the opportunity to visit other centres unique to that state or country and, where possible, spend time with other health science students to gain insight into their training programs.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN ONCOLOGY (20 CPs. Sem. II. Bu.) PT4PIO**  
*Ms Dawn Best*

Concerned with the application of physiotherapy skills in assessment and treatment to the patient with cancer. It provides further knowledge of the medical, surgical, pharmacological and radiotherapy treatments available to the oncology patient and gives insight into the roles of the other professionals involved in the oncology team.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN PAEDIATRICS - INTRODUCTORY (20 CPs. Sem. II. Bu.) PT4PIP**  
*Ms Karen Dodd*

Provides students with the opportunity to develop skills in the physiotherapy assessment and treatment of the paediatric patient and to gain further knowledge of paediatric conditions. It will also introduce the student to the social, emotional and physical factors influencing the management of the child and family. The student will develop skills necessary for effectively communicating with parents and/or other people concerned with implementing or supervising treatment of the child.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN PAEDIATRICS - ADVANCED (20 CPs. Sem. II. Bu.) PT4PPG**  
*Ms Karen Dodd*

Students have the opportunity to gain skills in the assessment and management of children with conditions such as juvenile chronic arthritis, neurosurgery, haemophilia, oncology, spinal muscular dystrophy, dermatomyositis, myopathy or dystrophy, peripheral neuropathy, cerebral palsy, orthopaedics, medical thoracic or burns. Students also gain insight into the roles of other professionals concerned with the care of the paediatric patient and further expand their knowledge of the aetiology, pathology, medical or surgical and pharmacological treatment of conditions seen.

*Prerequisite:* the paediatric clinical component of PT4PGP or PT4PIP.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN PRIVATE PRACTICE MANAGEMENT (20 CPs. Sem. II. Bu.) PT4PPM**  
*Ms Megan Davidson*

Students have an opportunity to gain knowledge and skills related to private practice management. Students are affiliated with a private practitioner to gain practical experience in areas such as marketing, establishing a practice, legal and ethical issues, quality improvement, business and accounting procedures, etc. Students assist in the treatment of patients in a variety of situations, including professional rooms, private hospital, domiciliary and industrial facilities.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN PROGRESSIVE ILLNESSES (20 CPs. Sem. II. Bu.) PT4PPI**  
*Ms Dawn Best*

Provides students with further knowledge and skills related to physiotherapy in the management of clients with progressive illnesses. It introduces the student to the physical, social and psychological aspects of the person and their implications for the short and long-term management of these clients with a progressive illness.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN PSYCHIATRY (20 CPs. Sem. II. Bu.) PT4PPY**  
*Ms Dawn Best*

Provides students with an introduction to physiotherapy in the area of mental health. Students are affiliated with a psychiatric service and gain knowledge of the structure and function of mental health services, the role of physiotherapy and other health disciplines and the legal and ethical responsibilities pertaining to this area of health care. Emphasis is placed on acquiring a basic knowledge and understanding of the aetiology and treatment of selected patients and the skills related to the competent physiotherapy treatment of these patients.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN REHABILITATION - ADVANCED (20 CPs. Sem. II. Bu.) PT4PRA**  
*Professor Meg Morris*

Places emphasis on one particular type of setting, for example industry, or a particular facet of physiotherapy, for example, amputee or head injury management. Students assess and treat clients with a range of conditions as appropriate to their placement. They attend team meetings, ward rounds, home visits, work settings, etc., where appropriate and may spend one day with the Royal District Nursing Service. They investigate resources for ongoing management of the rehabilitation client.

*Prerequisite:* the clinical component of PT4PGP in a rehabilitation setting.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN REHABILITATION - HYDROTHERAPY (20 CPs. Sem. II. Bu.) PT4RHY**  
*Professor Meg Morris*

Gives students an opportunity to acquire further knowledge of the theoretical basis for the uses, indications and contra-indications of hydrotherapy and to practise the techniques used with this modality. Students conduct both land and water based assessments, develop and carry out hydrotherapy treatment regimens and have the opportunity to appreciate the use of hydrotherapy in the context of the holistic management of the patient. Students are introduced to various aspects of running a hydrotherapy service, including pool maintenance. Students are placed in a major hydrotherapy centre and visit one or two other centres, as appropriate.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN REHABILITATION - INTRODUCTORY (20 CPs. Sem. II. Bu.) PT4PRI**  
*Professor Meg Morris*

Students undertake clinical practice in a rehabilitation setting and are given the opportunity to appreciate the total patient care provided by a health professional team and the role of the physiotherapist in that team. They assess and treat clients, attend team meetings, ward rounds, home visits and tutorials. Students integrate various aspects of physiotherapy management, including class-work, hydrotherapy and workplace assessment as appropriate, into comprehensive treatment programs.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.

**PHYSIOTHERAPY IN RURAL HEALTH (20 CPs. Sem. II. Bu.) PT4PRH**  
*Ms Megan Davidson*

Gives the student knowledge and skills related to the practice of physiotherapy in a rural setting and an understanding and awareness of the role of the physiotherapist and other professionals in the provision of health services in a rural setting. Students participate in district hospital service activities.

*Class requirements:* 160 hours: one 5-week full-time clinical placement.

*Assessment:* Refer to PT4PCE entry.



### **PHYSIOTHERAPY IN SPINAL CORD LESIONS (20 CPs. Sem. II. Bu.)**

**PT4PSC Professor Meg Morris**

Students develop special knowledge, skills and insight into the role of the physiotherapist as a member of the team responsible for the management of clients with spinal paralysis.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

### **PHYSIOTHERAPY IN WOMEN'S HEALTH (20 CPs. Sem. II. Bu.)**

**PT4WHP Ms Elizabeth Burman**

Requires the student to develop skills in ante and post-natal class-taking, manage problems related to pregnancy and the post-partum period amenable to physiotherapy, care for women who have had caesarean births or who are experiencing physical discomfort following birth, treat women with gynaecological problems amenable to physiotherapy, gain a basic understanding of the management of urinary and faecal continence problems in women, men and children, teach baby massage and observe the management of incubated neonates, attend relevant operations and clinics and observe senior clinicians working in the field.

**Prerequisite:** PT4PWH.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

#### **Prescribed reading:**

Introduction to physiotherapy in women's health manual, current edn, School of Physiotherapy, La Trobe University.

### **PROFESSIONAL PRACTICE (10 CPs. All year. Bu.) PT4PRP Ms Dawn Best**

Provides students with the opportunity to gain further understanding and knowledge of clinical decision making, including the ethical and legal responsibilities of physiotherapists. It includes quality, improvements marketing, recording and management practices and an overview of the health-care system and the structure of relevant professional organisations.

**Class requirements:** twenty 1-hour lectures and four 1.5-hour practicals.

**Assessment:** one 1,000-word written assignment (100%). Hurdle requirement: one 15-minute multiple-choice examination and attendance. A satisfactory standard in all components of the assessment is required for a pass.

### **SPORTS PHYSIOTHERAPY (20 CPs. Sem. II. Bu.) PT4PSP Dr Gregory Kolt**

Provides students with an opportunity to further develop knowledge and skills relating to physiotherapy in injury prevention programs, assessment and rehabilitation of the injured athlete. Emphasis is placed upon the multi-disciplinary approach to management of sports-related injuries. Students observe members of the health-care team working with athletes and assist in the physiotherapy management of sports-related injuries.

**Class requirements:** 160 hours: one 5-week full-time clinical placement.

**Assessment:** Refer to PT4PCE entry.

## **Public Health**

### **General and Bachelor of Health Sciences**

#### **First year**

#### **AUSTRALIA'S HEALTH: HEALTH STATUS AND THE HEALTH CARE SYSTEM (5 CPs. Sem. I. Bu.) PH1AH1 Ms Debra O'Connor**

Looks at the health status of Australians and different sub-population groups, and also the nature of the current health system developed to address health issues. It addresses health issues from a social health perspective and examines some of the underlying social determinants of health, as well as considering biomedical factors. Public health principles are also introduced. Major features of the public health system are presented from a critical perspective. The organisation of health services are discussed and considered with respect to health status and in the context of ongoing changes within the health system.

**Incompatible subjects:** PH1HOA, PH1AHS.

**Class requirements:** twenty-six hours of lectures and seminars.

**Assessment:** two 1,500-word written assignments and group presentations (50%) and one 1-hour exam (50%).

#### **AUSTRALIA'S HEALTH CARE SYSTEM (15 CPs. Sem. II. Bu.) PH1AHS Ms Debra O'Connor**

Introduces the broad range of health services, programs policies and practices that contribute to the Australian Health Care System.

Lectures are presented on some of the main features of the delivery system, including economics and finance, institutions, work force, legislation, the complex relationship between responsibilities and service delivery at the three government levels and the organisation of public health practice. Specific health issues and programs are considered and concepts of coordination, health outcomes and public health reform processes will provide useful frameworks with which to begin to critically appraise the nature of the health system. Student groups will investigate and report on a particular aspect of the health care system.

**Class requirements:** twenty-six hours of lectures and twenty six hours of seminars.

**Assessment:** one 1,500-word essay (40%), group seminar presentation (20%) and one short-answer examination (40%).

### **BEHAVIOURAL HEALTH SCIENCES FOR NUTRITION STUDIES (15 CPs. Sem. II. Bu.) PH1BHN Dr Rosalie Aroni, Dr Jane Pierson and Mr Paul O'Halloran**

**Offered subject to sufficient enrolments.**

Within the framework of a biopsychosocial model of health, the individual and social determinants of health and illness are addressed, with particular emphasis given to nutrition issues. Topics are organised into three broad groupings. In population health, environmental determinants of health and illness are emphasised, with content including population health, basic epidemiological concepts, health patterns and trends in Australia and diet and nutrition as risk factors for disease. In Health, Nutrition and Society, content includes sociological analyses of inequalities in health and health care, changing definitions of health and illness, political and ethical issues in health care delivery, social understandings of food and eating and public health and nutrition. In Behaviour and Nutrition, content includes behavioural influences on health, biological regulation of eating, social and psychological factors which influence eating behaviours, behavioural regulation of eating and body weight, exercise behaviour and psychosocial aspects of eating disorders.

**Co-requisite:** Enrolment in the Bachelor of Science (Nutrition Studies) course.

**Class requirements:** three 1-hour lectures and one 3-hour seminar or practicum per week.

**Assessment:** one 2-hour examination (50%) and two practical reports (50%).

### **DEVELOPMENTAL PROCESSES IN LANGUAGE (15 CPs. Sem. I. Bu.) PH1DPL Dr Marcelle Schwartz**

Provides students with an understanding of the processes of psychological development throughout the life span as they influence and are influenced by language. Explores the interactions between perception, motor behaviour, cognition and language that culminate in communicative and social competence. A number of different theoretical approaches are compared and students are encouraged to critically analyse the views presented. Issues of development and change from infancy to adulthood and ageing are discussed.

**Co-requisite:** PH1HB1.

**Class requirements:** four 1-hour lectures and one 1-hour optional tutorial per week.

**Assessment:** one 1.5-hour examination (100%).

### **HEALTH AND AUSTRALIAN SOCIETY PH1HAS (5 CPs. Sem. I & II. Bu.) Dr Rosalie Aroni**

Introduces students to the role of sociology in examining and analysing health and illness issues in Australian society. Changing definitions of health and illness are examined from a historical perspective. This occurs in conjunction with an exploration and examination of the ethical and sociopolitical issues in health care relevant to the clinical needs of the different health professions. Different perspectives are used to analyse inequities in health and health care, including gender, class, ethnicity and ageing. Students are also introduced to the utility of sociological approaches for developing the provision of better health care. In addition, they will gain an understanding and appreciation of a number of key health issues relevant to the Australian health system, which goes beyond the explanations provided by the use of the biomedical model alone.

**Incompatible subject:** PH1IB2.

**Class requirements:** one 1-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1-hour examination (50%) and one 1,500 word tutorial assignment (50%).

#### **Prescribed reading:**

Germov, J. *A second opinion*, Oxford University Press 1998.

**HEALTH AND HUMAN BEHAVIOUR (10 CPs. Sem. I. Bu.) PH1HB1 Mr Michael McGarland**

Introduces students to foundation topics in psychology which are relevant to health, illness and the delivery of health care. Topics are organised into broad groupings of adaptive behaviour and health (learning, memory and cognition, intellectual abilities), regulatory systems (regulation of behaviour, motivational processes, pain perception, emotions and health), developmental and social influences (developmental processes and health, social influences, communication processes) and stress and mental health (models of personality, measuring personality, stress, maladaptive behaviours). Content is presented within the framework of a biopsychosocial model of health and emphasis is given to applying concepts to understanding health and illness issues.

*Incompatible subjects:* PH1IB1.

*Class requirements:* three 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 1.5-hour examination (65%) and submission of tutorial exercises (35%).

**HEALTH AND HUMAN BEHAVIOUR 2 (10 CPs. Sem. II. Bu.) PH1HB2 Ms Jacqui Costigan**

Builds on the foundation concepts addressed in PH1HB1, with applications to health care in nursing. Areas covered include an introduction to research methods in psychology, which is a foundation for later nursing research units, social psychology in health care, lifespan development in health and illness and interpersonal communication processes in nursing.

*Prerequisite:* PH1HB1.

*Class requirements:* one 2-hour lecture and one tutorial or workshop per week.

*Assessment:* one 1.5-hour examination (50%) and one case study (50%).

**Prescribed reading:**

Sdorow, L. *Psychology*. 2nd edn. Brown 1993.

Peterson, C., Beck, K. and Rowell, G. *Psychology: an introduction for nurses and allied health professionals*, Prentice-Hall 1992.

**INTRODUCTION TO BEHAVIOURAL HEALTH SCIENCES 1 (15 CPs. Sem. I. Bu.) PH1IB1 Mr Michael McGarland**

Introduces Bachelor of Health sciences or other non-clinical students to foundation topics in psychology which are relevant to health, illness and the delivery of health care. Topics are organised into broad groupings of adaptive behaviour and health (learning, memory and cognition, intellectual abilities), regulatory systems (regulation of behaviour, motivational processes, pain perception, emotions and health), developmental and social influences (developmental processes and health, social influences, communication processes) and stress and mental health (models of personality, measuring personality, stress, maladaptive behaviours). Content is presented within the framework of a biopsychosocial model of health and emphasis is given to applying concepts to understanding health and illness issues.

*Incompatible subjects:* PH1HB1.

*Class requirements:* three 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 1.5-hour examination (65%) and submission of tutorial exercises (35%).

**INTRODUCTION TO BEHAVIOURAL HEALTH SCIENCES 2 (15 CPs. Sem. II. Bu.) PH1IB2 Dr Rosalie Aroni and Mr Stephen Polgar**

Unit 1 comprises an introduction to the social bases of health where inequalities in health and health care are analysed from different sociological perspectives. Changing definitions of health and illness are examined and political and ethical issues explored. Unit 2 comprises an introduction to research methods in health. The major aim of this component is the application of qualitative and quantitative research methods to health practices and the critical evaluation of health research literature. Topics covered include the scientific method, measurement, basic descriptive data analysis, sampling theory, qualitative and quantitative research designs and the utilisation of research findings. Unit 3 provides students with not only the necessary sociological background but also public health background to allow them to understand better the social aspects of health, illness and patient care.

*Class requirements:* Units 1 and 3 comprise one 1-hour lecture and one 1-hour tutorial per week. Unit 2 contains a self-directed learning module including a self-instructional program supported by a 1-hour weekly lecture and tutorial as required. BHSc students must complete Units 1 and 2 and Nursing students must complete Units 1 and 3.

*Incompatible subjects:* PH1HAS, PH1RMH (for BHSc students), BHS1HSA.

*Assessment:* Unit 1 and Unit 3 (each unit): one 1,500-word tutorial assignment (25%) and one 1-hour examination (25%). Unit 2: one 1.5 hour multiple-choice examination (40%) and one 500-word assignment (10%). Students select either Units 1 and 3, or Units 1 and 2.

**Prescribed reading:**

Davis, A. and George, J. *States of health: health and illness in Australia*, Harper Educational 1995.

Germov, J. *A second opinion*, Oxford University Press 1998.

Polgar, S. and Thomas, S. A. *Introduction to research in the health sciences*, 3rd edn, Churchill Livingstone 1995.

**INTRODUCTION TO PROFESSIONAL COMMUNICATION SKILLS (5 CPs. Sem. I. Bu.) PH1PCS Ms Jacqui Costigan**

Provides students with a knowledge of the processes of interpersonal communication. The student will be introduced to the communication skills required, particularly in relation to the orthoptic clinical setting. This will include such aspects as the clinician-patient relationship, the interdisciplinary relationships and the role of the student in these fields. The subject will cover aspects of verbal, non-verbal and written communications and issues surrounding loss and grief and multiculturalism will be addressed.

*Class requirements:* two hours of seminars and group discussions per week.

*Assessment:* one 1,500-word assignment (100%).

**Prescribed reading:**

Adler, R. and Rodman, G. *Understanding human communication*, Harcourt Brace 1999.

**RESEARCH METHODS IN HEALTH 1 (5 CPs. Sem. I or II. Bu.) PH1RMH Mr Stephen Polgar**

Introduces the basic principles for conducting research in the health sciences and demonstrates how these principles are utilised for advancing health practices. Topics include the scientific method and clinical practice, qualitative and quantitative approaches to design, sampling, data collection and analysis, theories and the formulation of hypothesis and research questions. Particular emphasis is placed on how research is conducted with people who may be ill and disabled, and how social and ethical considerations shape health related research. At the conclusion of the subject, students will be able to critically evaluate fundamental aspects of professionally relevant publications. Detailed course materials are available enabling students to take a flexible self-directed approach to learning.

*Incompatible subject:* PH1IB2.

*Class requirements:* twenty-six hours equivalent of lectures, tutorials and self-directed teaching materials.

*Assessment:* one 1.5-hour multiple-choice examination (80%) and one 500-word assignment (20%).

**Prescribed reading:**

Polgar, S. and Thomas, S. A. *Introduction to research in the health sciences*, 3rd edn, Churchill Livingstone 1995.

**TECHNOLOGY AND HEALTH (15 CPs. Sem. II. Bu.) PH1TH2 Dr Rosalie Aroni and Dr Chris Peterson**

This Unit will enable students to develop an adequate understanding of social change as it is reflected by the changing nature of technology, the economy, work and health care management. In this subject there is also a focus on developing students' awareness of the political dimension of health care service and the health care system. Students will be able to: understand specific areas of human behaviour in relation to health, technology and social change; examine the ethical and political dimensions which have developed concomitantly with technological change; and critically analyse the interrelationship between the economy, society, technology and the health care system.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one 2,500-word essay (60%), one 1,500-word research summary and one oral presentation (40%).

**Recommended reading:**

Bronzino, J. D., Smith, V. H. and Wade, M. L. *Medical technology and society: An interdisciplinary perspective*, MIT Press 1990.

Gardner, H. *Health policy in Australia*, Oxford University Press 1997.

**THE HEALTH OF AUSTRALIANS (15 CPs. Sem. I. Bu.) PH1HOA Ms Debra O'Connor**

Introduces students to key definitions, measurements and determinants of health status and to the broad principles of and issues in public health in Australia. A history of the development of Western health frameworks and philosophy is presented. A social health



perspective is introduced and lectures address an analysis of the health status of various population subgroups. Aboriginal, rural and cultural groups are among those key groups explored. Lectures also introduce an understanding of epidemiology, immunisation, mental health, disability and health promotion as important aspects of public health.

**Class requirements:** twenty six hours of lectures and twenty six hours of seminars.

**Assessment:** one 1,500-word essay (40%), seminar presentations (20%) and a short-answer examination (40%).

## Second year

### APPLIED RESEARCH METHODS IN HEALTH (20 CPs. Sem. I. Bu.)

**PH2ARM Dr Marcelle Schwartz**

Develops intermediate level skills and knowledge in a range of quantitative research techniques directly applicable to health research and evaluation. Topics include research planning, literature search and evaluation, sampling and measurement, quantitative statistics for research with one dependent variable, reporting research and use of the computer package, Statview Student.

**Prerequisite:** PH1IB2 or equivalent.

**Class requirements:** one 2-hour lecture and one 2-hour lecture/workshop per week.

**Assessment:** one 1.5-hour multiple choice examination (50%), class presentation of critical review (10%) and one research report (40%).

### BEHAVIOURAL DETERMINANTS OF HEALTH 1 (5 CPs. Sem. I. Bu.)

**PH2BD1 Mr Paul O'Halloran**

Explores some of the ways in which the behavioural sciences contribute to the understanding and treatment of illness and disability. The more specific aims are to examine some of the important psychological and social factors which influence the chance of becoming ill or disabled, to explore the experience of being ill or disabled, to identify societal responses to illness and disability and the ways in which social processes influence recovery and rehabilitation and to apply psychological findings and theories to health delivery issues relevant to orthoptists or physiotherapists, including maximising "performance" in health care settings, emotional responses to illness, coping with the stress of illness, managing pain and increasing adherence to treatment.

**Prerequisite:** PH1HB1.

**Class requirements:** twenty hours of lectures and six hours of tutorials.

**Assessment:** one 1-hour exam (80%) and tutorial exercise (20%).

#### Prescribed reading:

Rice, P. L. *Health Psychology* Brooks/Cole 1998.

### BEHAVIOURAL DETERMINANTS OF HEALTH 2 (5 CPs. Sem. II. Bu.)

**PH2BD2 Mr Stephen Polgar and Ms Jacqui Costigan**

The first part develops the principles explored in PH2BD1 and further examines the interaction between human behaviour and the practice of physiotherapy. Topics covered include neuropsychology and psychiatric disorders in relation to delivering health care for patients with behavioural problems. The second part deals with communication skills, building on materials prescribed in PH1HBB, with a primary focus on interactions between the patient and the therapist.

**Prerequisite:** PH2BD1.

**Class requirements:** thirteen hours of lectures and tutorials and thirteen hours of workshops.

**Assessment:** one 2-hour examination (80%) and tutorial exercises (20%).

### COMMUNICATION PROCESSES IN HEALTH CARE (20 CPs. Sem. I. Bu.)

**PH2CPH Mr Michael McGartland**

Aims to allow students to increase their knowledge, understanding and skills in communicating in interpersonal and group settings and to foster the development of a knowledge of the self, together with that of the social context in which our views of the world are constructed. The development of specific communication skills is addressed. Topics include self-awareness, listening and empathy, non-verbal communication, role of emotion in communication, role of language in communication, the social construction of self and other, socialisation, responses to power and authority, communication and organisational structure, patterns of communication in families, group processes, ideology and ethics of advocacy and speaking to groups.

**Class requirements:** one 1-hour lecture and one 3-hour seminar or workshop per week.

**Assessment:** presentation of a 1,500-word class paper (15%), 2,000-word essay (50%), one class presentation (15%), one 2,000-word diary (20%). Hurdle requirement: participation in class exercises.

### DISABILITY: SOCIAL AND PSYCHOLOGICAL ASPECTS (20 CPs. Sem. II. Bu.)

**PH2DSP Mr Paul O'Halloran**

Examines the psychological and sociological dimensions of chronic

illness and disability. The content of the subject includes psychological aspects of disability and chronic illness, including modes of adjustment and coping and subjective understanding of disability. Sociological perspective's on disability and chronic illness, including social construction of disability, societal response to disability, stigmatisation and medical legal responses. Specific disabilities, including intellectual disability, psychiatric and neurological disabilities and chronic pain problems will be examined from a biopsychosocial perspective. This subject will also provide an introduction to the key concepts and principals of rehabilitation.

**Prerequisite:** PH1IB1 or equivalent.

**Class requirements:** two 1-hour lectures per week and one 2-hour seminar per week.

**Assessment:** one 2-hour examination (50%), one 1,500-word essay (30%) and one class presentation (20%).

### ENVIRONMENTAL AND BEHAVIOURAL DETERMINANTS OF HEALTH

(20 CPs. Sem. I. Bu.) **PH2EBD Mr Paul O'Halloran**

Examines the role of social, behavioural and environmental factors in health and illness.

As well this subject will explore how behavioural science concepts and strategies can be employed to improve health outcomes. The social and behavioural aspects of health examines population health concepts, social influences on health, determinants of health related behaviours and life-cycle and health. The second unit examines the appreciation of behavioural sciences to improving health outcomes and examines stress, coping and illness, adherence to therapeutic regimes, managing health in the workplace, health promotion strategies, reducing substance abuse and promoting exercise and good nutrition.

**Prerequisite:** PH1IB1 or equivalent.

**Incompatible subject:** PH2BD1.

**Class requirements:** two hours of lectures and two hours of tutorials per week.

**Assessment:** one 2,000-word essay (50%) and one 1-hour examination (50%).

#### Prescribed reading:

Rice, P. L. *Health Psychology* Brooks/Cole 1998.

### HEALTH INFORMATION RESEARCH (5 CPs. Sem. I. Bu.)

**PH2HIR Dr Marcelle Schwartz**

Develops intermediate level skills and knowledge in a range of quantitative research techniques directly applicable to health research and evaluation. Topics include sampling and measurement, statistical inference, quantitative statistics for research with independent and dependent groups and one dependent variable and correlation and regression.

**Prerequisite:** PH1RMH.

**Class requirements:** two hours of lectures per week.

**Assessment:** one 1.5-hour multiple choice examination (100%).

### HEALTH SKILLS DEVELOPMENT (20 CPs. Sem. II. Bu.)

**PH2HSD Ms Debra O'Connor**

Introduces students to health promotion principles and theoretical framework. The subject specifically focuses on interpersonal skills required for health promotion practice and the development of productive relationships. Students develop their education, group work and individual communication skills and explore the interpersonal dynamics of small group learning principles and issues in the empowerment of health service users. Concepts of self-care, health literacy, problem-solving, self-management and life skills development will provide the basic context for skills development. There will be an opportunity for experiential learning through the use of group exercises and reflective teaching sessions.

**Class requirements:** two hours of lectures/seminars and two hours of tutorials/workshops per week.

**Assessment:** one 2,000-word essay (40%), one group class presentation (15%), one take-home exam (30%) and one 1,000-word learning diary (15%). Hurdle requirements: attendance and participation in reflective teaching lessons.

#### Prescribed reading:

Ewles, L. and Simnett, I. *Promoting health: a practical guide* Balliere Tindall 1995.

Johnson, D. and Johnson, F. *Joining together. Group theory and group skills* 5th edn, Allyn and Bacon 1994.

Kiger, A. M. *Teaching for health* Churchill Livingstone 1995.

### INTERPERSONAL PROCESSES (5 CPs. Sem. II. Bu.)

**PH2INP Mr Michael McGartland**

Concerned with the development of interpersonal communication skills between therapists and clients. The subject builds on material introduced in first year. An emphasis is placed on providing

preparation and support as students move into clinical settings. Topics covered include developing personal awareness, re-development of basic communication and counselling skills, loss and grief and dealing with difficult situations. Most of the classes will be conducted in small groups and students will be provided with the opportunity to practice interpersonal therapeutic skills and receive feedback.

**Prerequisite:** PH1HB1 or equivalent.

**Class requirements:** two 1-hour lectures and twelve 2-hour workshops.

**Assessment:** one 2,000-word assignment (50%), one 2,500-word journal (50%). Hurdle requirement: attendance and participation.

### **LEGAL AND ETHICAL ISSUES IN HEALTH SCIENCES (20 CPs. Sem. II. Bu.) PH2LEI Ms Pauline Stanton**

Examines and analyses various significant ethical issues in the health sciences and develops an understanding of the legal responsibilities of health workers and agencies. Topics covered include the evolution of ethical thought in medicine, professional ethics, legal requirements related to specific ethical issues including human tissue transplantation, sterilisation, abortion, human experimentation, in-vitro fertilisation and euthanasia. Legal aspects covered include the Australian legal system, relevant aspects of the law of tort, specific health-related legislation and implications for health workers, confidentiality, legal aspects of quality assurance, the law of contract, employer's vicarious liability, equal opportunity legislation, freedom of information and record-keeping responsibilities.

**Prerequisite:** PH1AHS.

**Class requirements:** twenty-six hours of lectures and thirteen hours of tutorial or practical sessions.

**Assessment:** one 2,000-word essay (30%), two tutorial assignments (30%), and one 2-hour examination (40%).

### **MANAGING IN HEALTH CARE ORGANISATIONS (20 CPs. Sem. I. Bu.) PH2MHO Ms Pauline Stanton**

This subject is an introduction to management theories and practice. The scope of the subject ranges from issues pertaining to public health administration, the influence of government policy on health care structures, models and governance of health care organisations to issues pertaining to the internal environment of health care organisations such as the management of people and industrial relations.

**Class requirements:** fifty-two hours of seminars and lectures.

**Assessment:** one 2-hour examination (50%), one 2,000-word assignment (30%) and one seminar paper (20%).

### **ORGANISATIONAL BEHAVIOUR AND HEALTH CARE (20 CPs. Sem. II. Bu.) PH2OBH Ms Heather Gardner and Mr Greg Murphy**

Introduction to theories of organisation and key concepts in organisational behaviour, management and change, with particular reference to health care organisations. Students examine the major theories which are used to analyse organisational structures, systems, values, goals, roles and decision making. Students explore a series of core issues in health care organisations, including authority and leadership, client or provider relationships, conflict, strategies and methods of organisational change, the impact of new technology, employee participation and self-management within organisations.

**Prerequisite:** PH1IB1 or equivalent.

**Incompatible subject:** HM2IOB

**Class requirements:** two hours of lectures and two hours of tutorials per week.

**Assessment:** one 2,000-word take-home assignment (70%) and one 1,000-word tutorial paper or practical notebook entries (30%).

### **RESEARCH METHODS IN HEALTH 2 (5 CPs. Sem. I or II. Bu.) PH2RMH Mr Stephen Polgar**

Develops the material presented in PH1RMH. Both quantitative and qualitative methods of data collection and analysis are treated, with an emphasis on application of these methods to clinical practice and the critical evaluation of clinical research publications. Topics include research and clinical practice, ethics, qualitative approaches to data collection and analysis, inferential data analysis and the interpretation, synthesis and utilisation of research findings.

**Prerequisite:** PH1RMH or equivalent.

**Class requirements:** equivalent of twenty-six hours of lectures, tutorials and self-directed learning material.

**Assessment:** one 1.5-hour multiple-choice examination (80%) and one class assessment (20%).

#### **Prescribed reading:**

Polgar, S. and Thomas, S. *Introduction to research in the health sciences*, 3rd edn, Churchill Livingstone 1995.

### **STUDIES IN PUBLIC HEALTH (20 CPs. Sem. I. Bu.) PH2SPH Mr Jim Smith**

This subject examines the concepts and principles underpinning current public health practice and the development of these

historically. There is a critical analysis of different perspectives of public health including environmental, ecological and social approaches together with an examination of the assumptions and their implications for the community and practitioners. These principles and assumptions are applied by students to contemporary public health case studies and health protection issues.

**Prerequisite:** PH1HOA or suitable equivalent.

**Class requirements:** twenty-six hours of lectures and thirteen hours of tutorials.

**Assessment:** one 3,000-word essay (50%), one 1,000-word tutorial paper (10%), and one 1.5-hour examination (40%).

### **Third year**

### **ADVANCED RESEARCH METHODOLOGY (10 CPs. Sem. II. Bu.) PH3ARM Mr Stephen Polgar**

Builds upon knowledge already gained in quantitative and qualitative research design, methodology and statistics. Students will be expected to design a research project which could be carried out later. They will be expected to present their research proposal to the class prior to submission. Anyone intending to undertake an honours program or other research-based postgraduate studies is encouraged to undertake this subject. Students will be directed to relevant readings in their professional area.

**Prerequisite:** PH2RMH.

**Class requirements:** one 2-hour lecture/seminar per week.

**Assessment:** one 2,000-word research proposal (100%).

### **CENTRAL NERVOUS SYSTEM DISORDERS AND HUMAN BEHAVIOUR (5 CPs. Sem. I. Bu.) PH3CND Mr Stephen Polgar and Dr Jacinta Douglas**

Provides a broad introduction to the relationship between central nervous system functioning and human behaviour. Topics include functional organisation of the brain, lateralisation of language, motor sensory organisation, psychoactive drugs, methods of investigation and assessment of neurological and behavioural changes in brain-damaged individuals, patterns of motor, cognitive and emotional impairments associated with degenerative diseases and focal injury. Introduces students to working with people with brain disorders and to gain an understanding of the mechanisms by which the brain actively responds to illness and injury. Relates to clinical subjects addressing information processing deficits and the rehabilitation of individuals with central nervous system impairments.

**Prerequisite:** HB21NEU.

**Class requirements:** thirteen 2-hour lectures or demonstrations.

**Assessment:** one 2-hour examination (100%).

#### **Prescribed reading:**

Kolb, B. and Wishaw, I. Q. *Fundamentals of human neuropsychology*, 4th edn, 1996.

### **COMMUNITY GROUPS AND THE HEALTH CARE SYSTEM (30 CPs. Sem. II. Bu.) PH3CGH Dr Pranee Liamputtong Rice**

The health needs of specific groups in the community are examined. The main areas to be considered are the health of immigrants and indigenous people, young people and homelessness, mental health and deinstitutionalisation, the health of unemployed people, the health of women, gay and lesbian and the problem with chronic fatigue syndrome. In each of the areas, students examine the extent to which the health system meets the requirements of these groups, the current policies and strategies being adopted by governments, providers, and community organisations and the extent of participation by members of the groups in decisions about their needs. Students have the opportunity to visit and to observe the work of some of the organisations in the community which are involved in the health of these groups.

**Prerequisite:** PH1IB1 or equivalent.

**Class requirements:** one 2-hour lecture and one 1-hour seminar per week.

**Assessment:** one 3,000-word essay (50%), one oral presentation with one 1,500-word seminar paper (30%) and one 1,600-word research paper (20%).

### **COMMUNITY HEALTH PROMOTION (30 CPs. Sem. I. Bu.) PH3CHP Ms Theonie Tacticos**

The aim of this subject is to further develop student skills in designing, developing and evaluating local level health promotion programs to meet community needs. The perspective taken in this subject is to look at development of community capacity for health development and linkages across sectors to improve health outcomes. Using case studies and documented health promotion programs, students will explore various approaches to health promotion program planning including community development,

social capital, social marketing and settings. Health program evaluation will be taught as an integral part of the process of planning and implementing health programs.

**Class requirements:** one 2-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 3,000-word essay (50%), one 1,200-word tutorial paper (25%) and one 1,200-word tutorial paper (25%).

**CURRENT ISSUES IN QUALITY MANAGEMENT (10 CPs. Sem. II. Bu.) PH3CQM Ms Mary Ell**

*Offered subject to sufficient enrolments.*

Intended for undergraduate students from any discipline who wish to develop a greater understanding of current quality management issues at a systems level, rather than a program level. Opportunities are provided for students to compare the philosophies of a selected group of management theorists as these philosophies relate to current quality improvement issues. Content includes determinants of a quality focussed business, a systems approach to quality, quality focussed business plans, best practice standards, evidence-based practice, bench marking for quality, the quality management cycle, quality plans at a systems level and ethical and legal issues relating to quality improvement systems. Other topics presented will reflect current industry issues related to quality management systems.

**Incompatible subject:** HM3PS5.

**Class requirements:** 26 hours of lectures and six hours of seminars.

**Assessment:** one 2,000-word essay (100%).

**DEATH, DYING AND GRIEF A (10 CPs. Sem. II. Bu.) PH3DDA Dr Bruce Rumbold**

*Offered subject to sufficient enrolments.*

Explores social, cultural and historical factors which are the context of contemporary beliefs and practices concerning death, dying and grief. Particular attention is paid to the experiences of dying and grieving people, their care-givers and the responses made to them by Australian health services. The aim is to provide participants with a deeper understanding of the social and cultural contexts surrounding death in ways that will influence their personal and professional development.

**Prerequisite:** PH1HB1 or equivalent.

**Class requirements:** one 1-hour lecture and one 1-hour seminar per week.

**Assessment:** one oral seminar presentation (30%) and one 2,000-word assignment (70%).

**DEATH, DYING AND GRIEF B (15 CPs. Sem. II. Bu.) PH3ddb Dr Bruce Rumbold**

*Offered subject to sufficient enrolments.*

See PH3DDA above for subject content.

**Prerequisite:** PH1HB1 or equivalent.

**Class requirements:** one 1-hour lecture and two 1-hour seminars per week.

**Assessment:** one 1,500-word seminar presentation (30%) and one 3,000-word assignment (70%).

**DRUG USE AND ADDICTIVE BEHAVIOUR (10 CPs. Sem. II. Bu.) PH3DU1 Ms Theonie Tacticos**

*Offered subject to sufficient enrolments.*

An introduction to public health perspective's on alcohol and drugs. It provides an introduction to harm minimisation and health promotion approaches currently in practice. Popular myths about drugs and drug taking will be addressed. Theories and strategies of stress and coping will also be examined in relation to drug use.

**Class requirements:** thirteen 1-hour lectures and thirteen 1-hour seminars.

**Assessment:** one 2,000 word essay (40%), a group project report (20%), a group oral presentation (20%) and an open book class test (20%).

**DRUG USE AND ADDICTIVE BEHAVIOUR (15 CPs. Sem. II. Bu.) PH3DU2 Ms Theonie Tacticos**

*Offered subject to sufficient enrolments.*

See PH3DU1 above for subject content.

**Class requirements:** thirteen 1-hour lectures and thirteen 1-hour seminars plus fieldwork.

**Assessment:** one 3,000 word essay (40%), one group project report which includes a site visit (20%), one group oral presentation (20%) and one open book class test (20%).

**HEALTH CARE PROGRAMS (30 CPs. Sem. I. Bu.) PH3HCP Mr Greg Murphy**

*Offered subject to sufficient enrolments.*

Concerned with the theory and practice of the administration, design, delivery and evaluation of health care programs. Several types of programs are considered, including those concerned with modifying behavioural risk factors, preventative health promotion programs and

rehabilitation programs. As part of a comprehensive approach to program evaluation, students will be introduced to currently used methodologies for assessing and reporting on consumer satisfaction. Students will be given the opportunity to use one of these methods which includes the generation of computer-based reports.

**Prerequisite:** PH2EBD or PH2DSP.

**Class requirements:** two hours of lectures and two hours of seminars per week.

**Assessment:** one take-home assignment (50%) and practical notebook based on class exercises plus extra-mural research (50%).

**HEALTH INFORMATICS FOR CLINICAL PRACTICE (5 CPs. Sem. II. Bu.) PH3HIC Ms Heather Grain**

*Offered subject to sufficient enrolments.*

Provides health practitioners with an overview of computing, with emphasis on systems for clinical practice. An introduction to health information sources, patient management systems, in-patient systems, appointment systems, decision support and health statistics systems across all health sectors will be presented. Selection and use of systems suitable for the health industry will be discussed, including selection and purchase of hardware, networks, media storage, software types and applications.

**Incompatible subject:** PH3IHI, HM3IH5, HM3IH6.

**Quota:** 48.

**Class requirements:** twelve hours of lectures and twelve hours of tutorials.

**Assessment:** one practical assignment (50%) and one 1,500-word assignment (50%).

**Prescribed reading:**

Hovenga, E. and Cesnick, B. *Health Informatics: an overview*, Melbourne, Churchill Livingstone 1996.

**HEALTH PROMOTING PALLIATIVE CARE A (10 CPs. Sem. I. Bu.) PH3PCA Dr Bruce Rumbold**

*Offered subject to sufficient enrolments.*

Introduces a fresh approach to palliative care, drawing upon the insights of health promotion as represented in the Ottawa Charter and applying them to the core concerns of palliative care. The essential elements of health promoting palliative care, health education, death education, social support, interpersonal reorientation and policy development, will be presented and through the seminars, participants will be encouraged to explore applications to their personal and professional formation.

**Prerequisite:** PH1HB1 or equivalent.

**Class requirements:** one 1-hour lecture and one 1-hour seminar per week.

**Assessment:** one oral seminar presentation (30%) and one 2,000-word essay (70%).

**Prescribed reading:**

Kellehear, A. *Health Promoting Palliative Care*, Oxford 1999.

**HEALTH PROMOTING PALLIATIVE CARE B (15 CPs. Sem. I. Bu.) PH3PCB Dr Bruce Rumbold**

*Offered subject to sufficient enrolments.*

See PH3PCA above for content.

**Prerequisite:** PH1HB1 or equivalent.

**Class requirements:** one 1-hour lecture and two 1-hour seminars per week.

**Assessment:** one 1,500-word seminar presentation (30%) and one 3,000-word essay (70%).

**Prescribed reading:**

Kellehear, A. *Health Promoting Palliative Care*. Oxford 1999.

**HEALTH SERVICES: POLITICS AND POLICIES (30 CPs. Sem. II. Bu.) PH3HSP Ms Heather Gardner.**

*Not available in 2000.*

**INTERPERSONAL PROCESSES AND PROFESSIONAL PRACTICE (5 CPs. All year. Bu.) PH/PT310 Ms Jacqui Costigan and Ms Dawn Best**

Focuses on interpersonal communication skills, analysis of interactions between clinicians and clients and essential knowledge and skills related to physiotherapy professional practice. It encourages the adaptation of clinical reasoning to include case load management, ethics and quality issues and the development of professional attitudes related to personal learning and cultural differences. Emphasis is placed on providing preparation and support as the students move into clinical settings.

**Prerequisite:** PH2BD2, PT2CP2.

**Co-requisite:** all other third-year physiotherapy subjects.

**Class requirements:** six 1-hour lectures and thirteen 1.5-hour workshops.

**Assessment:** participation in groups and submission of 2,000-word written assignments (100%).

**Prescribed reading:**

School of Physiotherapy, *Physiotherapy professional practice, clinical education policies and clinical information*, La Trobe University 1999.

School of Public Health, *Readings for interpersonal processes 3*, La Trobe University 1999.

**INTRODUCTION TO GERONTOLOGY (10 CPs, Sem. I, Bu.) PH3IG1 Dr Colette Browning**

*Offered subject to sufficient enrolments.*

An undergraduate elective, providing students in a wide range of professions with an understanding of the experience of ageing from a range of perspectives, including biological and psychosocial. Topics include cultural and demographic aspects of ageing, psychosocial aspects of ageing and adaptation, structural and functional age-related changes, health and well-being in old age and clinical and preventative aspects of ageing. The subject applies a multi-disciplinary approach to the understanding of conceptual and professional issues in ageing.

**Class requirements:** three 1-hour tutorials, fifteen 1.5-hour lectures and class discussion.

**Assessment:** one 1,000 word journal article review (30%) and one take home exam (70%). Hurdle requirement: students must pass both components to pass the subject.

**INTRODUCTION TO GERONTOLOGY (15 CPs, Sem. I, Bu.) PH3IG2 Dr Colette Browning**

*Offered subject to sufficient enrolments.*

An undergraduate elective, providing students in a wide range of professions with an understanding of the experience of ageing from a range of perspective's, including biological and psychosocial. Topics include cultural and demographic aspects of ageing, psychosocial aspects of ageing and adaptation, structural and functional age-related changes, health and well-being in old age and clinical and preventative aspects of ageing. The subject applies a multi-disciplinary approach to the understanding of conceptual and professional issues in ageing. The material in this subject is equivalent to PH3IG1, with the addition of 13 hours of advanced clinical issues in ageing.

**Class requirements:** three 1-hour tutorials, twenty-four 1.5-hour lectures and class discussion.

**Assessment:** one 1,000-word journal article review (30%), one 1,000-word report on an interview with an older person (30%) and one take home exam (40%).

**INTRODUCTION TO HEALTH INFORMATION SYSTEMS (30 CPs, Sem. I, Bu.) PH3IHI Ms Heather Grain**

Students are given the opportunity to acquire a knowledge of computer technology used in the health industry, the basic principles of information management, software applications and computerised health information systems currently used in the health industry. Students are able to acquire the practical skills required to develop, analyse and use health data bases and their application to problem solving and performance measurement within health care organisations.

**Class requirements:** four hours of lectures or laboratory sessions per week.

**Assessment:** one 1,500-word assignment (40%) and one 2-hour examination (60%).

**Prescribed reading:**

Australian Institute of Health and Welfare, *National Health Data Dictionary*, Canberra 1997.

Floyd, N. A. *Essentials of information processing*, 3rd edn, Homewood Irvin 1991.

Hovenga E., Kidd, M. and Cesnik, B. (eds) *Health informatics: An overview*, Churchill Livingstone 1996.

Standards Australia. *AS4700.1 Implementation of HL7 version 2.2*, SA, 1997.

**INTRODUCTION TO RESOURCE MANAGEMENT (30 CPs, Sem. II, Bu.) PH3IRM Ms Pauline Stanton**

This subject is an introduction to the management of resources in health. It includes health policy in relation to the funding of health care organisations, for example, casemix funding and the management of financial resources. The subject also includes an introduction to health economics and an analysis of the changing nature of health organisations.

**Class requirements:** four hours of lectures or seminars per week.

**Assessment:** one 2,000-word essay (30%), one tutorial paper (15%), one tutorial paper (15%) and one 2-hour examination (40%).

**LIVING WITH DISABILITY IN THE AUSTRALIAN COMMUNITY (10 CPs, Sem. I, Bu.) PH3LD1 Mr Peter Foreman and Mr Greg Murphy**  
*Offered subject to sufficient enrolments.*

Provides students from a range of health and human service professions with the basic concepts and theories to better understand the disability experience. Topics include the experience of disability, disability policy and philosophy, ethics and disability, disability service delivery, families, carers and disability, employment and disability and disability and special populations.

**Prerequisite:** PH1HB1 or equivalent.

**Class requirements:** one 1-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,500-word assignment (100%). Hurdle requirement: seminar presentation

**LIVING WITH DISABILITY IN THE AUSTRALIAN COMMUNITY (15 CPs, Sem. I, Bu.) PH3LD2 Mr Peter Foreman and Mr Greg Murphy**  
*Offered subject to sufficient enrolments.*

See PH3LD1 above for content.

**Class requirements:** two 1-hour lectures and one 1-hour seminar per week.

**Assessment:** one written assignment with a seminar presentation (65%) and one annotated bibliography (35%).

**ORIENTATION AND MOBILITY METHODS 1 (15 CPs, Sem. I, Bu.) PH3MM1 Mr Greg Murphy**

This subject examines selected principles and theories from areas of behavioural and instructional psychology in relation to effective instructional and rehabilitation approaches for individuals with a visual impairment. At the completion of the subject the student will have the *knowledge* and skill to conduct a behavioural assessment and to develop and implement a behavioural program to achieve an instructional aim or to change an attitudinal or behavioural problem.

**Class requirements:** 26 hours of lectures, tutorials and seminars.

**Assessment:** tutorial presentation (30%), seminar presentation of program design and project written report of approximately 2,000 words (70%).

**ORIENTATION AND MOBILITY METHODS 2 (15 CPs, Sem. II, Bu.) PH3MM2 Mr Greg Murphy**

This subject examines selected psychological principles and theories with the aim of furthering a greater understanding of what it means to be visually disabled. Content includes: key rehabilitation concepts; societal response to visual disability; personal adjustment to visual disability; and vocational rehabilitation for people with a visual disability. At the completion of the subject the student will be able to demonstrate an understanding of the key psychological and social factors associated with reactions and adjustments to disability in general and to visual impairment in particular.

**Prerequisite:** PH3MM1.

**Class requirements:** twenty-six hours of lectures, tutorials and seminars.

**Assessment:** seminar presentation and submission of 2,000-word essay on seminar topic (100%).

**PARTICIPATORY FIELD STUDY (30 CPs, Sem. I, Bu.) PH3PF1 Mr Greg Murphy**

Enables the student to integrate a range of health related issues by observing and if practicable, participating in a selected health program. The involvement of the student will be as an observer or 'volunteer' participant, rather than as a professional trainee. Students will be positioned to relate theoretical and methodological issues raised in other subjects to practices in applied settings. This subject is particularly suitable for students intending to pursue further studies leading to professional qualifications in health care.

**Prerequisite:** PH2EBD; PH2DSP.

**Incompatible subject:** PH3PF2.

**Class requirements:** a minimum of 80 hours field work is required. Placements will be negotiated and discussed with students prior to commencement. Students will be expected to develop placement objectives with their agency supervisor which will be confirmed by subject coordinator.

**Assessment:** seminar presentation (25%) and one 3,000-word written report (75%).

**PARTICIPATORY FIELD STUDY (30 CPs, Sem. II, Bu.) PH3PF2 Ms Debra O'Connor**

Offers Bachelor of Health Sciences students an opportunity to undertake a practice placement in a relevant organisation or agency in order to conduct a specific task or various relevant activities. The aims include giving students an opportunity to integrate theoretical concepts in a supervised practice based setting and to develop practical skills, for example, project development and project management.

**Prerequisite:** (Health Promotion stream) either PH2SPH, PH2HSD or PH3CPH, (Health Administration stream) PH2MHO (other subjects may be considered).

**Incompatible subject:** PH3PF1.

**Class requirements:** A minimum of 80 hours field work is required. Placements will be negotiated and discussed with students prior to commencement. Students will be expected to develop placement objectives with their agency supervisor which will be confirmed by subject coordinator.

**Assessment:** one 3,000-word written report (75%) and one class presentation (25%). **Hurdle requirement:** satisfactory completion of a learning journal.

**PRINCIPLES AND PRACTICE OF PUBLIC SPEAKING (10 CPs. Sem. I or II. Bu.) PH3PPS Ms Mary Ell**

**Offered subject to sufficient enrolments.**

Provides an understanding of the principles and practice of public speaking. The principles of good communication are presented and opportunities provided for students to practise presentation techniques. Some of the topics are plain language as an art, principles used in structuring speeches, problems in communication, techniques in public speaking, personal styles of speech delivery, principles of visual reinforcement and basic principles in handling questions.

**Quota:** 20. First preference is given to third-year BHIM students.

**Class requirements:** 26 hours of lectures and workshops.

**Assessment:** two class presentations (50% each).

**PROFESSIONAL PRACTICE AND SKILLS OF ORIENTATION AND MOBILITY 1 (15 CPs. Sem. I. Bu.) PH3PP1**

This subject is designed to introduce the student to orientation and mobility techniques including human guide, pre-cane and long cane as well as appropriate strategies for instruction. The practical session will involve blindfold and vision simulation whilst learning to travel in residential and semi-business environments. During this subject students will be under the direct supervision of an orientation and mobility instructor. A journal is to be kept in which students record their practical sessions and comment on their own progress (and any difficulties) in developing their skills in orientation and mobility. The journal should enable the student to focus on the process of their own learning.

**Prerequisite:** OR2SSM, HB2BPM.

**Co-requisite:** PH3TM1.

**Class requirements:** three 3-hour sessions per week, one week-long workshop (30 hours).

**Assessment:** observed practical assessments and satisfactory journal record (100%).

**PROFESSIONAL PRACTICE AND SKILLS OF ORIENTATION AND MOBILITY 2 (15 CPs. Sem. II. Bu.) PH3PP2**

This subject is designed to extend the student's knowledge and technical skill in the practice of orientation and mobility. The practice sessions will involve blindfold and vision simulation whilst travelling in complex environments. The students will be introduced to electronic mobility devices and low vision aids used in the practice of orientation and mobility. Modification of orientation and mobility instruction will be discussed in relation to special populations and environments. During this subject students will be under the direct supervision of an orientation and mobility instructor. A journal is to be kept in which students record their practical sessions and comment on their own progress (and any difficulties) in developing their skills in orientation and mobility. The journal should enable the student to focus on the process of their own learning.

**Prerequisite:** PH3PP1, PH3TM1.

**Co-requisite:** PH3TM2.

**Class requirements:** three 3-hour sessions per week, one week-long workshop (30 hours).

**Assessment:** observed practical assessments and satisfactory journal record (100%).

**PSYCHIATRIC DISORDERS IN HEALTH CARE (5 CPs. Sem. I. Bu.) PH3PDH Mr Michael McGartland**

Provides a critical introduction to the study of psychiatric disorders, especially as they present in general health settings. An historical introduction to the area is presented, issues of classification are discussed and attention is given to various theoretical perspective's that inform the area, especially behavioural, cognitive-behavioural and psychodynamic. Traditional psychiatric phenomena and disorders are examined in the light of these theories. Current policies and models of care are briefly considered.

**Prerequisite:** PH1HB1 or equivalent.

**Class requirements:** thirteen 1-hour lectures and thirteen 1-hour tutorial seminars.

**Assessment:** one 1.5-hour examination (80%) and one class presentation (20%).

**PSYCHOSOCIAL PERSPECTIVES OF HEALTH AND ILLNESS (10 CPs. Sem. II. Bu.) PH3PPH Ms Jacqui Costigan**

**Offered subject to sufficient enrolments.**

Focuses on selected health issues from an integrated psychological and sociological perspective. Students examine the effects of social, cultural and attitudinal factors on individual responses to developmental and health state transitions and try to identify those social conditions and psychological states which encourage independent functioning and the maintenance of health. Areas studied include the family, socioeconomic status and health, women and health and the effects of constructs of disease or trauma on individual coping styles and self-concepts at different stages of the life cycle.

**Class requirements:** 26 hours of lectures and seminars.

**Assessment:** one seminar paper (40%) and one 1,500-word essay (60%).

**Prescribed reading:**

George, J. *States of health*, Addison Wesley Longman 1998.

Payne, S. and Walker, J. *Psychology for nurses and the caring professions*, Open University Press 1996.

**RESEARCH DESIGN AND ANALYSIS (15 CPs. Sem. I. Bu.) PH3RDA Dr Marcelle Schwartz**

Develops the methodological skills of students beyond that achieved in earlier units. Explores the contribution of design, data collection and measurement towards ensuring more rigorous and effective clinical practice. Topics include designing and analysing studies using two groups, three or more groups, complex designs, single subject designs, and simple and multiple regression.

**Prerequisite:** PH2RMH.

**Class requirements:** twenty-six 1-hour lectures, twelve 1-hour optional tutorials.

**Assessment:** one 2-hour examination (100%).

**RESEARCH METHODS IN HEALTH 3 (30 CPs. Sem. II. Bu.) PH3RMH Mr Stephen Polgar**

Development of skills in applied health science research logic and methods. The application of quantitative and qualitative procedures in health science investigation is considered. In the seminars, students identify the research topics in the health sciences and the methods appropriate to their investigation. Students with preliminary research designs and methodological rationales for the investigations. Students are expected to develop skills in health research planning and evaluation, be able to assess the suitability of research designs and procedures in health science research and to appreciate ethical issues, such as informed consent and the rights of participants.

**Prerequisite:** PH1IB2.

**Incompatible subject:** PH3ARM.

**Class requirements:** two hours of lectures and two hours of seminars or workshops per week.

**Assessment:** one research report (50%), one research report (25%) and one 2,000-word assignment (25%).

**THEORY OF ORIENTATION AND MOBILITY 1 (15 CPs. Sem. I. Bu.) PH3TM1**

This subject examines the principles and theories Orientation and Mobility Instruction for people with vision impairments. Content includes: historical perspectives and development of a theoretical basis; ethics in rehabilitation; functional problems of blindness and/or low vision for the child, the adult, and the person with multiple disabilities. At the completion of the subject the student will be able to demonstrate an understanding of the role of the O&M instructor in the rehabilitation system and will be able to evaluate the relevant literature.

**Prerequisite:** OR2SSM, HB2BPM.

**Co-requisite:** PH3PP1.

**Class requirements:** thirty-nine hours of lectures and seminars.

**Assessment:** seminar presentation and submission of a 2,000-word essay on seminar topic (100%).

**THEORY OF ORIENTATION AND MOBILITY 2 (15 CPs. Sem. II. Bu.) PH3TM2**

This subject applies the principles of Orientation and Mobility to problems encountered in providing rehabilitation programs for people with vision impairments. The content includes: design and instruction techniques for the delivery of compensatory sensory enhancement programs (including the application of optical, non-optical and electronic aids); evaluation of client performance; principles of service delivery organisation. At the completion of the subject the student will be able to demonstrate how to select, design, organize and evaluate an appropriate training program for a range of clients.

**Prerequisite:** OR2SSM, HB2BPM, PH3TM1.



**Co-requisite:** PH3PP2.

**Class requirements:** thirty-nine hours of lectures and seminars.

**Assessment:** Seminar presentation and submission of a 2,000-word essay on seminar topic (100%).

### THE SOCIAL CONTEXT OF AIDS 1 (10 CPs. Sem. II. Bu.) PH3CA1 Ms

Heather Gardner and Ms Elizabeth Brown

*Offered subject to sufficient enrolments.*

The advent of AIDS and the HIV epidemic has revealed that the Australian public health system was well placed to deal with the epidemic, but needed to change to deal with it effectively. AIDS is about the human immunodeficiency virus (HIV). It is also about marginalised populations, human sexuality and politics. This course investigates what Australia and its health system has learnt from the challenge of AIDS and topics include the experience of AIDS in Australia, people living with AIDS, health policy responses, discrimination, sexual communities, health promotion and caring for those with AIDS. Students gain a broad knowledge of HIV/AIDS as a major public health issue to assist them in their future professional practice.

**Class requirements:** thirteen 2 hour sessions involving formal presentations and seminar based discussions.

**Assessment:** one 1,500-word book review (50%) and one 1,500-word research report (50%).

#### **Preliminary reading:**

Ariss, R. *Against Death: The practice of living with AIDS*, Gordon and Breach 1997.

#### **Prescribed reading:**

Timewell, E., Minichiello V. and Plummer D. *AIDS in Australia*, Prentice Hall 1992.

### THE SOCIAL CONTEXT OF AIDS 2 (15 CPs. Sem. II. Bu.) PH3CA2 Ms

Heather Gardner and Ms Elizabeth Brown

*Offered subject to sufficient enrolments.*

*See PH3CA1 above for subject content.*

**Class requirements:** thirteen 2-hour sessions involving formal presentations and seminar based discussions.

**Assessment:** one 1,500-word book review (30%), one 1,500-word research report (30%) and one 2,000-word essay (40%).

#### **Preliminary reading:**

Ariss, R. *Against Death: The practice of living with AIDS*, Gordon and Breach 1997.

#### **Prescribed reading:**

Timewell, E., Minichiello V. and Plummer D. *AIDS in Australia*, Prentice Hall 1992.

### Fourth year

### ADVANCED ISSUES IN HEALTH (15 CPs. Sem. II. Bu.) PH4AII Dr

Rosalie Aroni

Development of advanced skills and knowledge in understanding the relationships between theory and method in health research, clinical and non-clinical health practice and evaluation and applying this knowledge in practice. This subject includes examination of the relationships between ontologies, epistemologies, methodologies and methods used in the health domain. Interdisciplinary, transdisciplinary and multi-disciplinary theories and methods are presented for evaluation in terms of plausibility and efficacy. In addition, it provides students with an understanding of the various hierarchies of knowledge utilised in the health sciences (including the relationships between sociology, psychology, biomedicine, anthropology, economics, feminisms, etc.) and the impact of power relations on the theoretical and methodological debates.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** seminar presentation (25%) and one 3,000-word essay (75%). Hurdle requirement: attendance at seminars and colloquia.

#### **Prescribed reading:**

Blaikie, N. *Approaches to social inquiry*, Polity Press 1993.

Daly, J. *Ethical intersections: health research, methods and researcher responsibility*, Allen and Unwin 1996.

Waitzkin, H. *The politics of medical encounters*, Yale University Press, New Haven 1991.

### RESEARCH METHODS IN HEALTH 4 (15 CPs. Sem. I. Bu.) PH4RMH

Dr Colette Browning

Development of advanced skills in a range of quantitative and qualitative research approaches directly applicable to research and evaluation for health sciences students, as a preparation for the honours thesis. Students are introduced to advanced health research and evaluation skills, citation standards, advanced literature review techniques, preparation of ethics applications, preparation and

defence of the thesis protocol and skills in thesis writing. Data analysis techniques relevant to the student's thesis are discussed.

**Prerequisite:** PH3RMH or equivalent.

**Class requirements:** thirty-nine hours of workshops and class exercises.

**Assessment:** one 3,000-word literature review (100%).

### THESIS (75 CPs. All year. Bu.) PH4THE Dr Colette Browning

Students are required to conduct and report on an original research project that addresses a significant research issue. Under supervision, students are required to conduct a critical review of the literature relevant to the area of study, derive appropriate research questions for testing, devise an empirical test of the research question(s) showing due regard to the practical problems of conducting research, ethical considerations and research principles, conduct the planned study and manage the practical problems that might arise in the course of the study, select and conduct appropriate analyses and write a report on the project.

**Co-requisite:** students must be enrolled in the Honours program.

**Class requirement:** students complete the project under supervision.

**Assessment:** one 10,000 to 12,000-word thesis (100%).

## Health Information Management

### First year

### HEALTH INFORMATION SCIENCE (20 CPs. Sem. I. Bu.) HM1HI1 Ms

Dianne Williamson

Introduces students to the types and characteristics of data and information and considers health information sources, collection, storage, manipulation and usage. Manual and computerised record formats are discussed in relation to creation and content, and issues of useability, security, privacy, quality, access and linkage. Students are introduced to the content and use of Australian health databases, and to ANDRGs and casemix classification systems. Includes an introduction to computing and its applications in the health industry. Students also become familiar with the World Wide Web and the Internet. The subject also assists students to develop written communication skills for academic purposes.

**Class requirements:** twenty-six hours of lectures and twenty-six hours of tutorials, plus self-directed learning.

**Assessment:** one 1.5-hour examination (60%), one 1,500-word essay (20%), 10 exercises (10%) and one computing assignment (10%).

#### **Prescribed reading:**

Abdelhak, M. et al. (eds) *Health information: Management of a strategic resource*, Saunders 1996.

American Psychological Association. *Publication manual*, 4th edn, APA 1995.

Bate, D. and Sharpe, E. *Writer's handbook for university students*, 2nd edn, 1996.

Cofer, J. (ed.) *Health information management*, 10th edn, Physician's Record Company 1994.

Department of Health & Community Services. *The Victorian Inpatient Minimum Database: an overview*, H&CS 1994.

Hovenga, E., Kidd, M. and Cesnik, B. (eds) *Health informatics: An overview*, Churchill Livingstone 1996.

School of Public Health. *HM1HI1 Course workbook*, SPH 2000.

### HEALTH TERMINOLOGY (20 CPs. Sem. I. Bu.) HM1HT1 Ms Jill

Whitfield

Introduces students to diseases and diagnostic and therapeutic procedures relating to each body system, as well as terms used in specialist areas of medicine, surgery, pathology, imaging, pharmacology, nursing and allied health. Students work with health records of fictitious patients to become familiar with content and structure of health records and the recording conventions used by clinicians.

**Co-requisite:** HB11HFU.

**Class requirements:** twenty-six hours of seminars, plus self-directed learning.

**Assessment:** one 45-minute exam (40%) and one 1-hour exam (60%).

#### **Prescribed reading:**

Cohen, B. *Medical terminology*, 3rd edn, Lippincott 1998.

Frenay, A. *Understanding medical terminology*, 10th edn, William Brown 1998.

Health Information Management Association of Australia. *The Australian dictionary of clinical abbreviations and symbols*, HIMAA, 1997.

School of Public Health. *HM1HT1 Course workbook*, SPH, 2000.

**HEALTH TERMINOLOGY AND CLASSIFICATION (15 CPs. Sem. II. Bu.) HM1HC2 Ms Jill Whitfield**

Further develops students' knowledge in the area of health terminology, building on the first semester subject HM1HT1. Students are introduced to the classification of diseases and treatments and develop basic skills in the use of the International classification of diseases, 10th edn Australian modification, as well as in the selection of principal (first) diagnosis and the application of Australian coding standards.

**Co-requisite:** HB12HBF.

**Prerequisite:** HM1HT1.

**Class requirements:** twenty-six hours of seminars plus self directed learning.

**Assessment:** one 1.5-hour examination (35%), one 1-hour examination (30%), one 45-minute examination (20%) and one assignment (15%).

**Prescribed reading:**

Cohen B. *Medical terminology*, 3rd edn, Lippincott 1998.

Frenay, A. *Understanding medical terminology*, 10th edn, William Brown 1998.

Health Information Management Association of Australia. *The Australian dictionary of clinical abbreviations and symbols*, HIMAA 1997.

Mitchell, J. and Best, L. *Introduction to coding with ICD-10-AM*, HIMAA 1998.

National Centre for Classification in Health, *International classification of diseases*, 10th edn Australian modification, NCCH 1998. (ICD-10-AM).

School of Public Health. *HM1HC2 Health terminology workbook*, SPH 2000.

School of Public Health. *HM1HC2 Health classification workbook*, SPH 2000.

**MANAGEMENT OF HEALTH INFORMATION SYSTEMS (15 CPs. Sem. II. Bu.) HM1MS2 Ms Dianne Williamson**

Introduces students to the functions of a health information service and the responsibilities of health information managers. Students compare computerised and manual systems for record identification, filing, tracking and other health information service functions in relation to the type and size of the health care facility. Assists students to develop skills in the use of business software used within the health industry and to become familiar with selected health systems. Students develop written communication skills for business purposes and work in teams to develop an understanding of group dynamics.

**Co-requisite:** HM1HI1, HM1PS2.

**Class requirements:** twenty-six hours of lectures and thirteen hours of tutorials, plus thirteen hours of computer laboratory and self-directed learning.

**Assessment:** one 1.5-hour examination (60%), four team projects (total 10%), one computer assignment (20%) and tutorial activities (10%).

**Prescribed reading:**

Abdelhak, M. et al *Health information: management of a strategic resource*, Saunders 1996.

School of Public Health. *HM1MS2 Course workbook*, SPH 2000.

Cofer J. (ed.) *Health information management*, 10th edn, Physician's Record Company 1994.

Hovenga, E., Kidd, M. and Cesnik, B. (eds) *Health informatics: An overview*, Churchill Livingstone 1996.

Standards Australia. *AS4390 Records management*, SA 1996.

**PROFESSIONAL STUDIES (10 CPs. Sem. II. Bu.) HM1PS2 Ms Dianne Williamson**

Students are assigned to health care facilities to gain experience of health information systems. They are introduced to the functions of a health information service and the role and responsibilities of the health information manager in relation to these. Students also participate in self directed learning activities.

**Co-requisite:** HM1HI1, HM1MS2.

**Class requirements:** thirty-nine hours placement.

**Assessment:** students complete a journal and portfolio (100%).

**Hurdle requirement:** satisfactory attendance and performance are required.

**Second year**

**HEALTH CLASSIFICATION (10 CPs. Sem. I. Bu.) HM2HC3 Ms Jill Whitfield**

Students develop skills in the use of the *International Classification of Diseases*, with particular emphasis on the coding of obstetrics, neonates, neoplasms, and paediatrics. Students also develop skills in the application of Australian Coding Standards and in the selection of items from health records for the purpose of classification. They are introduced to previous classification systems for retrieval and

research purposes. The subject aims to develop understanding of ANDRG structure and how coding impacts on allocation of cases to Diagnosis Related Groups.

**Co-requisite:** HB21PAG.

**Prerequisite:** HM1HT1, HM1HC2, HB11HFU, HB12HBF.

**Class requirements:** twenty-six hours of lectures and workshops plus self-directed learning.

**Assessment:** one 2-hour practical examination (75%) and practical assignments (25%).

**Prescribed reading:**

Health Information Management Association of Australia. *The Australian dictionary of clinical abbreviations and symbols*, HIMAA 1997.

Mitchell, J. and Best, L. *Introduction to coding with ICD-10-AM*, HIMAA 1998.

National Centre for Classification in Health. *International classification of diseases*, 10th rev. Australian modification. NCCH 1998. (ICD-10-AM).

School of Public Health. *HM2HC3 Course workbook: ICD-10-AM*, SPH 2000.

**HEALTH CLASSIFICATION (5 CPs. Sem. II. Bu.) HM2HC4 Ms Jill Whitfield**

Students continue first semester studies in the use of the *International Classification of Diseases*, 10th edn, Australian modification, including the classification of late effects, complications and HIV.

The subject aims to develop understanding of ANDRG structure and how coding impacts on allocation of cases to Diagnosis Related Groups. Students are introduced to specialised classification systems.

**Co-requisite:** HM2HC3, HB21PAG, HB22PAS, HB22PHA.

**Class requirements:** twenty-six hours of lectures and workshops, plus self-directed learning.

**Assessment:** one 2.5-hour practical examination (75%) and practical assignments (25%).

**Prescribed reading:**

National Centre for Classification in Health, *International classification of diseases*, 10th edn, Australian modification. NCCH, 1998.

School of Public Health. *HM2HC4 Course Workbook*, SPH 2000.

**HEALTH INFORMATICS (10 CPs. Sem. I. Bu.) HM2IH3 Ms Jill Whitfield**

Extends students' knowledge of health industry software and appropriate hardware. In-patient software operation and control are introduced using real systems, such as *Burke Johnston Systems*.

Students develop skills in the management of computerised health data bases, design, data manipulation, maintenance, archival and retrieval. Also covers principles of controlling computer systems and the logic of computer programs. The role of stakeholders and key providers of health industry systems is considered. Data bases such as Health Wiz and the Victorian Inpatient Minimum Database are used to provide examples of data reference sources.

**Prerequisite:** HM1HI1, HM1MS2.

**Co-requisite:** HM2PS3 recommended.

**Class requirements:** twenty-six hours of lectures and thirteen hours laboratory sessions.

**Assessment:** one 1,000-word assignment (15%), one 1,500-word assignment (25%) and one 1.5-hour examination (60%).

**Prescribed reading:**

Abdelhak, M. et al *Health information: management of a strategic resource*, Saunders 1996.

Hovenga E., Kidd, M. and Cesnik, B. (eds) *Health informatics: An overview*, Churchill Livingstone 1996.

Standards Australia. *AS4700.1 Implementation of HL7 version 2.2*. SA, 1997.

**HEALTH INFORMATION SCIENCE (10 CPs. Sem. I. Bu.) HM2HI3 Ms Valerie Thiessen**

Develops student knowledge and skills in the management of health information systems. The design and management of health documentation formats are considered in relation to recording methodologies, user needs and cost containment. Students study health information systems in specialist areas, including rehabilitation, mental health, geriatric, ambulatory care and emergency settings. Students are introduced to demography and to the sources, collection methods, quality control mechanisms and outputs of the major state and national health databases and health registers. They develop skills in the analysis and presentation of health facility activity and utilisation data, clinical outcome measures and health information productivity and service functions. Students become proficient in analysing reported health data and in undertaking practical reconciliation of data input to the *Victorian Minimum*



**Inpatient Database.** Business communication skills are further developed in the areas of report writing and procedure documentation.

**Prerequisite:** HM1HI1, HM1MS2, HM1PS2.

**Co-requisite:** HM2PS3, HM2PS4 are recommended.

**Class requirements:** sixty-five hours of lectures or seminars.

**Assessment:** one 1-hour examination (55%), one 1,000-word assignment (15%), and three 1,000-word assignments (15% each).

**Prescribed reading:**

Abdelhak, M. et al. *Health information management: management of a strategic resource*, Saunders 1996.

Cofer J. (ed.) *Health information management*, 10th edn, Physician's Record Company 1994.

Human Services, Acute Health Division. *PRS/2 Manual*, (version 8.0) DHS 1998.

School of Public Health. *Health Management Data and Statistics Workbook*, SPH 2000.

Standards Association of Australia. *AS2828 Hospital medical records*, SAA 1985.

**HEALTH SERVICES LAW AND ETHICS (10 CPs. Sem. II. Bu.) HM2LE4 Ms Kerin Robinson**

Students become familiar with ethics and the law as they pertain to health records, the utilisation of health information, the management of health information systems and services, and associated responsibilities of health care facilities and their staff. Topics include: introduction to bioethical theories and principles and their application to confidentiality, consent and other health information issues, introduction to the legal system, negligence; vicarious liability, contract and bailment relevant to health information, and freedom of information law, and other health-related legislation. Addresses the legal and ethical aspects of access, privacy and medical records, security of electronically-held patient information, health record linkage, and documenting and handling of health information, including that associated with the new biomedical and health technologies.

**Prerequisite:** HM1HI1, HM1MS2.

**Class requirements:** thirty nine hours of lectures.

**Assessment:** one 2,000-word assignment (40%) and one 2-hour examination (60%).

**Prescribed reading:**

Health Services Act (Victoria) and a range of other health related legislation: extensive reading list is provided.

Staunton, P. *Nursing and the law*, 4th edn, Saunders 1997.

Wallace, M. *Health care and the law*, 2nd edn, Law Book Company 1995.

**INTRODUCTION TO ORGANISATIONAL BEHAVIOUR (5 CPs. Sem. II. Bu.) HM2IOB Mr Greg Murphy and Dr Chris Peterson**

Develops a psychosocial approach to organisations, especially health-care agencies. Topics include organisational structure, processes such as interpersonal communication, effective work relations, group dynamics, authority and leadership, occupational stress management and coping with technological change.

**Prerequisite:** PH1HB1.

**Class requirements:** twenty-six hours of lectures and small group exercises.

**Assessment:** one syndicate report (40%) and one take-home assignment (60%).

**Recommended reading:**

Vecchio, R., Hearn, G. and Southey, G. *Organisational Behaviour*, 2nd edn, Harcourt Brace 1996.

**MANAGEMENT OF HEALTH INFORMATION SYSTEMS (15 CPs. Sem. II. Bu.) HM2MS4 Ms Valerie Thiessen**

Extends students' knowledge and skills in the management of health information systems. Students consider factors relating to effective decision making and information sharing through committee structures. Includes a review of health record standards accreditation processes and their implementation. Students develop skills in the evaluation of equipment, including criteria setting, review of products and cost-benefit comparisons. The development and documentation of work practices, time management and project planning are studied. The subject includes the application of external disposal schedules and the development and implementation of internal schedules and archival practices.

**Co-requisite:** HM2HI3, HM2PS3 & HM2PS4 are recommended.

**Class requirements:** sixty-five hours of lectures and seminars.

**Assessment:** one 1-hour examination (30%), one 2,000-word assignment (40%), and two 1,000-word assignments (15% each).

**Prescribed reading:**

Abdelhak, M. et al. *Health information management: management of a strategic resource*, Saunders 1996.

Australian Community Health Association. *Manual of standards*, 3rd edn, ACHA 1993.

Australian Council on Healthcare Standards. *Standards and guidelines for the ACHS evaluation and quality improvement program*, ACHS 1996.

Cofer J. (ed.) *Health information management*, 10th edn, Physician's Record Company 1994.

Grandjean, E. *Fitting the task to the man*, 4th edn, Taylor & Francis 1988.

Public Record Office and Health Department Victoria. *General disposal schedule for public hospital patient information records*, PRO, 1985.

Standards Australia. *AS4390 Records management*, SA 1996.

**PROFESSIONAL STUDIES (15 CPs. Sem. I. Bu.) HM2PS3 Ms Dianne Williamson**

Builds on the skills acquired by students in HM1PS2. Students gain a working knowledge in health-care facilities of the role and responsibilities of health information managers, including the design and management of health information systems, human resource management, computer applications, evaluation and departmental management. Students gain experience in working as a member of the health-care team.

**Prerequisite:** all first-year subjects of the BHIM course.

**Class requirements:** one four-week block placement.

**Assessment:** a written report by the student's supervising health information manager and a learning diary (100%).

**PROFESSIONAL STUDIES (20 CPs. Sem. I. Bu.) HM2PS4 Ms Dianne Williamson**

This subject builds on the skills acquired by students in HM1PS2 and HM2PS3. The students gain a working knowledge in another type of health care facility, of the role and responsibilities of health information managers, including the design and management of health information systems, human resource management, computer applications, evaluation and departmental management. Students gain experience in working as a member of the health care team and develop practical skills in health classification.

**Prerequisite:** all first-year subjects of the BHIM course.

**Co-requisite:** HM2HC3, HM2IH3, HM2HI3, HM2PS3.

**Class requirements:** one four-week block placement.

**Assessment:** a written report by the students supervising health information manager and a learning diary (100%).

**Third year**

**EPIDEMIOLOGY AND HEALTH DATABASES (5 CPs. Sem. II. Bu.)**

**HM3ED6 Ms Kerin Robinson**

Focuses on the collection, interpretation and utilisation of health information at a stage beyond the direct client-patient treatment and disease-operation classification functions. Students are introduced to methodologies applied in epidemiology (the study of the distribution and determinants of disease frequency) and health care research. These include epidemiological concepts, principles, strategies, data sources and analytical techniques. Students learn to conduct epidemiological studies, to provide data management in clinical trials and to critically appraise the literature. The subject examines Australian health databases and registers, specifically, their content, functions, maintenance and access provisions and legislative and ethical requirements including confidentiality and consent, which impact upon the collection and analysis of high quality data for epidemiological research.

**Prerequisite:** PH2HIR (or similar).

**Class requirements:** twenty-six hours of lectures.

**Assessment:** one 1-hour examination (50%) and one 1,500-word assignment (50%).

**Prescribed reading:**

Abdelhak, M. et al. *Health information: management of a strategic resource*, W. B. Saunders 1996.

Crombie, I. K. *The pocket guide to critical appraisal*, BMJ Publishing Group 1996.

Unwin, N., Carr, S. and Leeson, J. *An introductory study guide to public health and epidemiology*, Open University Press 1997.

**HEALTH CLASSIFICATION (5 CPs. Sem. I. Bu.) HM3HC5 Ms Jill Whitfield**

Further develops students' skills in the use of classification systems for Australian health care settings. Particular attention is given to the interpretation of national coding standards and coding conventions to

resolve complex coding cases. Students are introduced to a range of specialised coding systems in addition to the study of the *International Classification of Diseases*, 10th edn, Australian modification. Issues of data quality are addressed.

**Prerequisite:** HM2HC3, HM2HC4, HB21PAG, HB22PHA, HB22PAS.

**Class requirements:** twenty-six hours of lectures, workshops plus self-directed learning.

**Assessment:** one 2-hour examination (40%) and four practical exercises (total 60%).

**Prescribed reading:**

National Centre for Classification in Health, *International classification of diseases*, 10th edn, Australian modification. NCCCH 1998.

School of Public Health. *HM3HC5 Course workbook: Specialist coding*, SPH 2000.

School of Public Health. *HM3HC5 Course workbook: ICD-10-AM*, SPH 2000.

**HEALTH CLASSIFICATION (10 CPs. Sem. II. Bu.) HM3HC6 Ms Jill Whitfield**

Particular attention is given in this subject to the coding of complex cases and the effect of coding on assignment of ANDRGs. Students also refine their skills in the use of the *International classification of diseases*, 10th edn, Australian modification. The management of coding services is considered in relation to coding quality, coder competency and the role of Australian organisations involved with health classification.

**Co-requisite:** HM3HC5.

**Class requirements:** 26 hours lectures and workshops, plus self-directed study.

**Assessment:** one 2-hour examination (40%); four practical exercises (total 60%). Hurdle requirement: participation in workshops.

**Prescribed reading:**

Health Information Management Association of Australia. *Clinical coder national competency standards and assessment guide*, HIMAA 1996.

National Centre for Classification in Health. *International classification of diseases*, 10th edn, Australian modification. NCCCH 1998.

National Centre for Classification in Health. *Australian coding benchmark audit*, NCCCH 1998.

School of Public Health. *HM3HC6 Course workbook: ICD-10-AM*, SPH 2000.

**HEALTH INFORMATICS (5 CPs. Sem. I. Bu.) HM3IH5 Ms Heather Grain**

Develops students' skills in health system specification with particular emphasis on business process re-engineering, data modelling and specification of functional and physical requirements. Students follow the process of patient index and record tracking system specification from the point of problem identification, through process flow review, and detailed data, screen and report specification. Students are introduced to issues raised by new technology such as telemedicine, voice recognition and electronic records and to the potential of technology to provide innovative solutions to health system issues. Seminars are held throughout the subject to give students practical experience in the process of developing user based software specifications and communication with information technology professionals.

**Prerequisite:** HM2IH3.

**Class requirements:** 26 hours of lectures and seminars.

**Assessment:** one 1-hour examination (80%) and seminar involvement (20%).

**Prescribed reading:**

Abdelhak, M. et al *Health information: management of a strategic resource*, Saunders 1996.

Australian Institute of Health and Welfare. *National health data dictionary*, Canberra 1997.

Cook, S. *Designing object systems*, Prentice Hall 1994.

Hovenga E., Kidd, M. and Cesnik, B. (eds) *Health informatics: An overview*, Churchill Livingstone 1996.

Standards Australia. *AS4700.1 Implementation of HL7 version 2.2*, SA 1997.

**HEALTH INFORMATICS (10 CPs. Sem. II. Bu.) HM3IH6 Ms Heather Grain**

Students consider the role of health information managers and clinical personnel involved with the evaluation, selection, implementation and maintenance of information technology in the health environment. Specific emphasis is placed on new technology and the potential of new systems including electronic records, voice

recognition, practice management and diagnostic services. Topics include health information technology strategies and feasibility studies, system evaluation, system development, and review of current software systems used in the health environment. Students have the opportunity to participate in software testing to develop skills in software analysis and problem definition.

**Co-requisite:** HM3IH5.

**Class requirements:** thirty-nine hours of lectures and seminars.

**Assessment:** one 4,000-word assignment (80%) and seminar involvement (20%).

**Prescribed reading:**

Abdelhak, M. et al *Health information: management of a strategic resource*, Saunders 1996.

Australian Institute of Health and Welfare. *National health data dictionary*, Canberra 1997.

Hovenga E., Kidd, M. and Cesnik, B. (eds) *Health informatics: An overview*, Churchill Livingstone 1996.

Peppard, J. *IT strategy for business* Pitman 1994.

Standards Australia. *AS4700.1 Implementation of HL7 version 2.2*, SA 1997.

**MANAGEMENT OF HEALTH INFORMATION SYSTEMS (15 CPs. Sem. I. Bu.) HM3MS5 Ms Kerin Robinson**

Taught within a framework of the management principles of the major theorists, with additional emphasis on motivation and leadership theories, health service organisational culture and the management of innovation and organisational change. A range of staffing issues and practices, relevant specifically to health information services, is addressed. These include human resource planning, recruitment, selection, orientation, training and development of health information service employees, equal opportunity legislation and practice, performance evaluation systems and formal disciplinary procedures. The role of industrial relations is examined, specifically the history, structures and processes of the Australian industrial relations system, theories of industrial relations, the Australian Workplace Relations Act, 1996, negotiation, occupational health and safety, industrial conflict and health workplace determinations and their impact on health information service staff management strategies. Each student participates in simulated employment and performance evaluation interviews.

**Prerequisite:** HM2HI3, HM2PS3, HM2PS4.

**Class requirements:** fifty-two hours of lectures.

**Assessment:** three 1,500-word assignments (total 60%) and one 2-hour examination (40%).

**Prescribed reading:**

An extensive reading list, of monographs, journal articles and audiovisual materials, is provided.

**MANAGEMENT OF HEALTH INFORMATION SYSTEMS (10 CPs. Sem. II. Bu.) HM3MS6 Ms Kerin Robinson**

The first focus is on the relationship between health information and health service financing. Topics include an introduction to macro-economics, health care funding models, including the concept of managed care within the Australian health financing system, clinical costing and casemix, including diagnosis related groups (ANDRGs), non-acute, ambulatory and severity of illness models. The practical aspects of casemix funding at facility level are addressed, including reporting and interpreting casemix data, the effects of health information practices on reimbursement and the application of casemix data to utilisation review and quality management. The second focus is on the planning and advanced management of health information and systems. Some of the topics are: strategic planning for facilities and health information services, including the opportunity to develop a business plan; information service policy development; and departmental financial and budgetary management.

**Prerequisite:** HIM2H13, HM2PS3, HM2PS4.

**Class requirements:** thirty-nine hours of lectures.

**Assessment:** one 1,500-word assignment (30%) and one 2-hour examination (70%).

**Prescribed reading:**

Clinton, M. and Scheiwe, D. (eds) *Management in the Australian health care industry*, 2<sup>nd</sup> edn, Longman 1998.

Courtney, M. *Financial management in health services*, MacLennan & Petty 1997.

Department of Human Services. *Public hospitals: Policy and funding guidelines, 1999-2000*. Victorian Department of Human Services 1999.

Liebler, J. G. et al. *Management principles for health professionals*, 2nd edn, Aspen 1992.

An extensive casemix reading list is provided.

**PROFESSIONAL ISSUES FOR HEALTH INFORMATION MANAGERS**(10 CPs. Sem. II. Bu.) **HM3PIH** Ms Kerin Robinson*Offered subject to sufficient enrolments*

Emphasises the dynamic nature of the health-care industry and the relevance of current issues to the professional work of health information managers. Areas covered may include consumer perspectives, technological developments, proposed legislation related to health, ethical issues, and amalgamations and other organisational changes at the state and facility or service level. Topics vary each year according to contemporary issues and student preference.

*Co-requisite:* HM2HI3.*Class requirements:* twenty six hours of seminars.*Assessment:* one 1,500-word assignment (80%) and seminar presentation (20%).**PROFESSIONAL STUDIES (25 CPs. Sem. I. Bu.) HM3PS5** Ms Dianne Williamson

Provides students with the opportunity to develop their knowledge and skills in health information management. A range of specialised and general placements are available and students are assigned to one health care facility for a five-week block. Students also participate in coding clinics to develop skills in analysis of medical record content for classification purposes.

*Prerequisite:* all second-year BHIM subjects.*Co-requisite:* HM3MS5, HM3HC5, HM3QH5, HM3IH5.*Class requirements:* one five-week block and eight-hours of coding workshops.*Assessment:* learning objectives and specific goals for the placement are set after discussion between student and supervisor (100%).*Hurdle requirement:* satisfactory attendance and performance are required at placements and coding clinics.**PROFESSIONAL STUDIES (5 CPs. Sem. II. Bu.) HM3PS6** Ms Dianne Williamson

Comprises activities which develop student understanding of the variety of employment roles of health information managers and issues which they will experience in transition to the work-force. Each student presents a seminar on activities undertaken in their first semester professional studies placement. Participation in hospital-based coding clinics develop students' skills in analysis of medical record content for classification purposes.

*Prerequisite:* all second-year BHIM subjects.*Co-requisite:* HM3MS5, HM3HC5, HM3QH5, HM3IH5, HM3PS5.*Class requirements:* eighteen hours of seminars and eight-hours of coding workshops.*Assessment:* Seminar presentation and satisfactory participation and performance in coding clinics and seminars (100%).**QUALITY MANAGEMENT IN HEALTH CARE (10 CPs. Sem. I. Bu.)****HM3QH5** Ms Mary Ell

Considers the conceptual issue of quality management and accountability in health care at program and system levels. Opportunities are provided for students to compare philosophies of a selected group of management theorists as these philosophies relate to current quality management issues. Topics include a systems approach to quality, determinants of a quality focussed business, practice standards, quality tools, the quality management cycle, quality plans at program and system level and ethical and legal issues. Students apply the managerial and statistical tools for quality management in health care including process flow charts, affinity diagrams, and prioritisation matrices. The theoretical bases, frameworks and models for managing organisational change are addressed. Students examine the quality management role of the health information manager as a department manager and as a facilitator within health care organisations.

*Prerequisite:* HM2HI3.*Incompatible subject:* PH3CQM.*Class requirements:* sixty five hours of lectures and seminars.*Assessment:* one 3-hour examination (70%) and one 1,500-word assignment (30%).**Prescribed reading:**Wilson, L. and Goldschmidt, P. *Quality management in healthcare* McGraw-Hill 1995.**PROFESSIONAL ISSUES (20 CPs. Sem. I. Bu.) HM4PIS** Ms Kerin Robinson

Students participate in seminars relevant to the working health information professional. Issues covered include theoretical and technical topics in health information management. The content varies according to the identified needs and interests of the students. There is some emphasis on current issues relating to human resource management, information management and quality management in health care.

*Class requirements:* fifty two hours of seminars and self directed learning.*Assessment:* one 3,000-word assignment (60%) and one class presentation (40%).**SOCIAL WORK/SOCIAL WELFARE/HUMAN SERVICES****First year****INTRODUCTION TO SOCIAL WELFARE (15 CPs Sem. I. Aw.)****WRH1ISW** Ms Virginia Mansel Lees

This subject introduces students to social welfare through an examination of social and personal problems and related social policy and service provision. Lectures will critically map a number of contemporary social issues and problems and their history, exploring present and past understandings of their causes and examining the remedies implied in these understandings. The role and nature of social welfare response to social problems will be examined to develop a critical understanding of welfare and health provisions.

*Class requirements:* two 1-hour lectures and one 1-hour seminar per week.*Assessment:* one 1,500-word media portfolio (40%), one 1,000-word book/journal review (30%) and one 1,000-word social issues paper (30%).**Prescribed reading:**Wilson, J., Thomson, J. and McMahon, A. *The Australian Welfare State Key Documents and Themes* 1996.**PREPARATION FOR PROFESSIONAL WELFARE PRACTICE (15 CPs.****Sem. II. Aw.) WRH1PPP** Ms Sue Hodgkin

This subject introduces students to an understanding of the factors affecting professional practice in human service organisations. Organisational, social and community, policy, legal, operational, and professional contexts of human service practice are considered. Students are introduced to sectors of welfare responsibility, including options in service delivery areas and the structure of service delivery, particularly in regional and rural areas. Philosophical, value and knowledge bases of professional welfare practice are identified. Key social issues affecting clients are explored such as employment, inequality, rurality, and gender. Policy goals of agencies (eg social care, social control) are analysed within the framework of contemporary social policy. Students will develop their understanding of professional ethics and duty of care, and skills in stress management and assertiveness. A weekly two-hour skills session will develop practice skills building on theoretical concepts introduced.

*Co-requisite:* WRH1RC1.*Class requirements:* one 2-hour lecture per week and one 2-hour seminar per week.*Assessment:* one 2,000-word essay (45%), one skills group facilitation (20%) and one 1,500-word report (35%).**Preliminary reading:**O'Connor, I., Wilson, J. and Setterlund, D. *Social Work and Welfare Practice*, 2<sup>nd</sup> edn, Longman Cheshire 1998.**Prescribed reading:**Healy, J. *Welfare Options*, Allen & Unwin 1998.**REFLECTIVE COMMUNICATION IN WELFARE PRACTICE (15 CPs.****Sem. I. Aw.) WRH1RC1** Ms Judith Gibbs

This subject examines various theories and models of communication and considers their application to professional practice in the human services field. Particular attention is given to the values and ethics associated with human services practice. Areas such as interpersonal, small-group and organisational communication are examined and considered in relation to context, gender, culture and power. There is a strong emphasis on experiential learning in the tutorial series, with students being encouraged to develop an awareness of their own interactional style, behaviour in groups and a grounding in interviewing.

*Class requirements:* one 2-hour lecture and one 2-hour tutorial per week.*Assessment:* one 2,000-word assignment (65%), one 15-minute tutorial presentation with a 1,000-word review of material presented (35%). Hurdle requirement: students must pass both components.**Prescribed reading:**O'Connor, I., Wilson, J. and Setterlund, D. *Social Work and Welfare Practice*, Longman Cheshire 1998.

**SOCIAL WORK 1A: INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE (15 CPs. Sem. I. Bu., Aw., Be.) SW1ISA, WSW1ISA, BSW1ISA** Bu: Dr Christine Bigby. Aw: Ms Virginia Mansel Lees. Be: Ms Di Cox.

In this subject students will be orientated to a university mode of study and be introduced to the complex and often contested nature of social work and diverse knowledge base that informs social work practice and social policy analysis. Students will be introduced to the broad themes that have characterised Australian social policies and some of the contemporary debates that inform policy developments. Ideas that social problems are constructed and understood differently across time and in accordance with different value and theoretical perspectives are explored. Using selected examples, the impact of societal organisation on individuals and social problems will be examined.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week

**Assessment:** one 1,000-word class paper (25%), one 2,500-word essay (60%) and four 200-word written class exercises (total 15%)

**Preliminary reading:**

Hay, I. and Bochner, D. *Making the grade*. Oxford University 1997

**Recommended reading:**

O'Connor, I., Wilson, J. and Setterlund, D. *Social Work and Welfare Practice*, Longman Cheshire 1998.

Wilson, J., Thomson J. and McMahon, A. *The Australian welfare state: Key documents and themes*. MacMillan 1996.

Sarage, E. *Embodying the social: Constructions of difference*. Routledge 1998

**SOCIAL WORK 1B: THE STRUCTURAL BASES OF POVERTY AND INEQUALITY (15CPs. Sem. II. Bu., Aw., Be.) SW1SPI, WSW1SPI, BSW1SPI** Bu: Dr Christine Bigby. Aw: Ms Judith Gibbs. Be: Ms Di Cox.

In this subject students analyse Australian and international trends of the extent and nature of inequality and poverty. They will be introduced to debates about the definitions and measurement of poverty. Explanations of poverty and inequality embedded in various political ideologies and the response inherent in these different approaches will be examined. The range of historic and current social policy and social work responses to alleviate poverty and reduce inequality are considered in the context of social work's value base. Experiences, explanations and consequences of inequality of groups who are most at risk of poverty in Australian society are examined in some depth.

**Prerequisite:** SW1ISA or equivalent.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** one 3,500-word essay (75%) and five 200-word written class exercises (total 25%).

**Preliminary reading:**

Fincher, R. and Nieuwenhuysen, J. *Australian poverty: Then and now*, University Press 1998.

**SOCIETAL CONTEXT OF SOCIAL WELFARE (15 CPs Sem. II. Aw) WRH1CSW** Ms Virginia Mansel Lees

This subject builds on Introduction to Social Welfare by further developing students' understanding of the ways in which social structures, and particularly social stratification and diversity, create or intensify personal problems and constitute a crucial level for social welfare intervention. Lectures will introduce and critically evaluate ideas about human needs, social justice, human rights and equal opportunity that inform the multiple responses of social welfare to social needs, inequalities and disadvantages. Students will explore their understanding of these issues, reflecting on and analysing the links between theoretical analyses and their personal experiences.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** one 2,500-word major assignment (70%) and 1,000-word seminar presentation (30%).

**Second year**

**CASEWORK IN PROFESSIONAL PRACTICE (20 CPs. Sem. II. Aw.) WRH2CPP** Ms Judith Gibbs

This subject introduces students to the theory and practice of social casework and critically examines the historical origins of the approach, its theoretical and value bases, and the range of forms it has taken over time. Particular emphasis will be upon current practice models and the way in which they utilise relevant knowledge of human development and social change, and how they are shaped by contemporary policy contexts. Core skills for assessment will be reviewed in lectures and opportunities for experiential learning provided in weekly seminars.

**Prerequisite:** WRH1RC1 & WRH1PPP.

**Class requirements:** one 2-hour lecture and one 2-hour seminar per week.

**Assessment:** one 30-minute seminar presentation (30%), one 3,000-word essay (50%) and one 1,500-word exercise (20%).

**Preliminary reading:**

Coulshed, V. *Social Work Practice: an Introduction*, Macmillan 1988.

**Prescribed reading:**

Payne, M. *Modern Social Work Theory: A Critical Introduction*, 2<sup>nd</sup> edn, Macmillan 1997.

**COMMUNITY DEVELOPMENT IN PROFESSIONAL PRACTICE (20 CPs. Sem. I. Aw) WRH2CDP** Ms Robyn Mortlock

This subject develops students' critical understanding of theoretical frameworks and professional practice of social and community development and group work interventions in the human services sector. The social and community development component examines the principles and participatory processes involved in working with people, structures and institutions at local and central levels. Interventions are studied in relation to the processes of social change in community settings, the civil society, and the state. Group work provides opportunities for students to develop an understanding of group development, processes, leadership and skills as a group facilitator.

**Prerequisite:** Bachelor of Welfare Practice: WRH1PPP.

**Co-requisite:** Bachelor of Arts (Human Services): WRH2TPP.

**Class requirements:** one 2-hour lecture or workshop and one 2-hour skills group per week.

**Assessment:** one peer learning activity (20%), two 2,000-word essays (30% each), and one skills group facilitation (20%).

**Recommended reading:**

Johnson, D. and Johnson, F. *Joining together*, 6<sup>th</sup> edn, Prentice Hall 1996.

Netting, F., Kettner, P. and McMurty, S. *Social Work Macro Practice*, 2<sup>nd</sup> edn, Longman 1998.

Rothman, J., Erlich, J. and Tropman, J. eds, *Strategies of Community Intervention*, 5<sup>th</sup> edn, FE Peacock 1995.

**FIELDWORK AND PRACTICE B (15 CPs. Sem. II. Aw.) WWS6247** Ms Virginia Mansel Lees Available to continuing students only

Students complete 45 days of placement and build upon the learning in Fieldwork and Practice A. By the completion of this placement, students should be able to demonstrate basic competence in welfare practice. This will include planning and implementing an intervention with a suitable client, group or community program, demonstrating the application of relevant theory to planning a specific action or intervention, reflecting critically on their own practice and demonstrating awareness of their own and agency boundaries and the ability to work within these.

**Prerequisite:** Fieldwork and Practice A.

**Class requirements:** eight hours preparation, two, 3-hour integrative seminars and 45 days supervised placement. Field education preparation is usually undertaken during evenings or weekends.

**Assessment:** assessment is on a pass/fail basis only. To obtain a pass students must attend fieldwork lectures and seminar groups, carry out all requisite fieldwork tasks, and receive a pass grade on the student placement report and seminar presentation (100%).

**PUBLIC WELFARE (20 CPs. Sem. II. Aw) WRH2PW1** Ms Judith Gibbs Not available in 2000.

**SOCIAL POLICY and Program Development (20 CPs. Sem. I. Aw.) WRH2SP1** Dr Guinever Threlkeld

Not available in 2000.

**SOCIAL WORK 2A: THE INDIVIDUAL AND SOCIAL CONTEXTS OF SOCIAL WORK PRACTICE (20 CPs. Sem. I. Bu., Aw., Be.) SW2ISP, WSW2ISP, BSW2ISP** Bu: Ms Sue Gleed. Aw: Ms Virginia Mansel Lees, Be: Ms Fiona Gardner

In this subject students will build on first year psychological studies and explore human development within a social context. The focus of module one is the key roles played by families and informal support networks across the lifecourse. The challenges to individual and social functioning of non-normative factors such as illness, impairment and disability during the lifecourse are considered. The focus of the second module is social stratification in society. Students are introduced to a theoretical understanding of concepts such as race, ethnicity, social exclusion and gender. The relevance of these concepts to the organisational and practice dimensions of social work practice are considered.

**Prerequisite:** SW1ISA, SW1SPI or equivalents.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** one 2,000-word essay (40%), one 2,000-word essay (40%) and five 200-word written or oral class exercises (20%).

**Recommended reading:**

d'Abbs, P. *Who helps? Support networks and social policy in Australia* (Monograph No. 12). Melbourne: Australian Institute of Family Studies. Prentice Hall 1991.

Oliver, M. *The politics of disablement*, Macmillan 1990.

Seligman, M. and Darling, R. *Ordinary families, special children: A systems approach to childhood disability*, Guildford Press 1997.

**SOCIAL WORK 2B: HELPING PROFESSIONS AND SOCIAL WORK (10 CPs. Sem. I. Bu., Aw., Be.) SW2HPS, WSW2HPS, BSW2HPS Bu: Ms Sue Glead, Aw: Ms Virginia Mansel Lees; Be: Ms Fiona Gardner**

In this subject students will explore concepts of individual and collective responsibility for social well being and the nature of helping professions. Characteristics of professions are considered with an in-depth examination of the history and purpose of the social work profession in Australia and internationally. The philosophical and value base of social work are explored using human rights and social justice perspectives. Consideration of the profession's ethical codes and their application to practice will be explored through practice examples of dilemmas that confront practitioners in the field.

**Prerequisite:** SW1ISA, SW1SPI.

**Class requirements:** one 1-hour lecture and one 1-hour seminar per week.

**Assessment:** one 1,000-word essay (33.3%), one 1,000-word essay (33.3%) and one 1,000-word essay (33.3%).

**Preliminary reading:**

AASW Code of Ethics.

**Prescribed reading:**

Hugman, R. *Social welfare and social value*, Macmillan 1998.

Hugman, R. and Smith, D. *Ethical issues in social work*, Routledge 1995.

Schmitz, D. and Goodwin, R. *Social welfare and individual responsibility*, Cambridge University Press 1998.

**SOCIAL WORK 2C: ORGANISATIONAL CONTEXTS AND THE DIVERSITY OF SOCIAL WORK PRACTICE (20 CPs. Sem. II. Bu., Aw., Be.) SW20CD, WSW20CD, BSW20CD Bu: Dr Helen Cleak. Aw: Ms Sue Hodgkin. Be: Ms Fiona Gardner;**

In this subject students will examine some basic concepts from organisational theory and consider the importance of organisations to the implementation of social policies and service delivery. The various organisational locations of social work, their differences and the manner in which they shape the character of social work processes and outcomes are considered. The second module provides a theoretical overview of the major forms of social work intervention and the multiple levels of society at which intervention may occur. A focus will be the interconnections between forms of intervention and the necessity for integration if social work is to respond effectively to social problems.

**Prerequisite:** SW1ISA, SW1SPI or equivalents.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** one 3,500-word essay (75%) and one 1,000-word class paper (25%).

**Recommended reading:**

Healy, J. *Welfare Options*, Allen and Unwin 1998.

Jones, I. and May, J. *Working in human service organisations*, Longman 1992.

Payne, M. *Modern social work theory*, Macmillan 1997.

**SOCIAL WORK 2D: APPLIED SOCIAL WORK RESEARCH (10 CPs. Sem. II. Bu., Aw., Be.) SW2SWR, WSW2SWR, BSW2SWR Bu: Dr Martin Ryan. Aw: Dr Guinever Threlkeld. Be: Ms Fiona Gardner**

In this subject students further develop the knowledge gained from sociological research methods and its application to practice research in social work. Students will consider the nature of practice research, formulation of problems and design, as well as the ethical dilemmas encountered in conducting practice research. Critical thinking about research design will be developed through consideration of published research papers. The second module will build on information processing skills acquired during the first year and further develop student's technical computer skills, as well as their writing and presentation skills through laboratory classes.

**Prerequisite:** SW1ISA, SW1SPI or equivalents.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one 1,200-word critique of a published research paper (40%), one 1,500-word practice research proposal and design (40%) and one 800-word report (20%).

**Recommended reading:**

Alston, M. and Bowles, W. *Research in social work*, Allen and Unwin 1998.

Fuller, R. and Petch, A. *Practitioner research: The reflexive social worker*, Open University Press 1995.

Hay, I. and Bochner, D. *Making the grade*, Oxford University Press 1997.

**THEORY OF PROFESSIONAL PRACTICE (20 CPs. Sem. I. Aw.) WRH2TPP Ms Sue Hodgkin**

This subject introduces students to an understanding of the factors affecting professional practice in human service organisations. Organisational, social and community, policy, legal, operational, and professional contexts of human service practice are considered. Students are introduced to sectors of welfare responsibility, including options in service delivery areas and the structure of service delivery particularly in regional and rural areas. Philosophical, value and knowledge bases of professional welfare practice will be identified. Key social issues affecting clients are explored such as employment, inequality, rurality, and gender. Policy goals of agencies (eg social care, social control) are analysed within the framework of contemporary social policy. Students will develop their understanding of professional ethics and duty of care, and skills in stress management and assertiveness. A two-hour skills session will develop practice skills building on theoretical concepts introduced.

**Prerequisite:** WRH1RC1 & WRH1CSW.

**Co-requisite:** WRH2CPP.

**Class requirements:** one 2-hour lecture per week and one 2-hour seminar per week.

**Assessment:** one 2,000-word essay (40%), one skills group facilitation (20%) and one 2,000-word report (40%). Hurdle requirement: one peer learning activity.

**Preliminary reading:**

O'Connor, I., Wilson, J. and Setterlund, D. *Social Work and Welfare Practice*, 2nd edn, Longman Cheshire 1998.

**Prescribed reading:**

Healy, J. *Welfare Options*, Allen & Unwin 1998.

**WELFARE LAW AND POLICY (15 CPs. Sem. I. Aw.) WWS6242 Dr Guinever Threlkeld**

*Available to continuing students only.*

Covers two areas of study, social policy and welfare law. The social policy area of study provides an overview of theoretical and practice frameworks in social policy. The subject examines the ideologies and structures relevant to understanding social policy and the concept of the welfare state and explores the principles and processes of policy development, implementation and evaluation. Students are expected to develop an understanding of the distribution of advantage and disadvantage of welfare in Australian society.

The welfare law strand examines the legal system, with particular attention to those areas of law related to welfare policy and practice. The subject considers aspects of existing law, as well as promotes discussion and critical evaluation of issues arising.

**Prerequisite:** WWS6142.

**Class requirements:** two 2-hour lectures per week.

**Assessment:** one 2,000-word policy essay (50%), one 2,000-word law essay (40%) and one 500-word report (10%).

**Prescribed reading:**

Dalton, T., Draper, M., Weeks, W. and Wiseman, J. (eds), *Making social policy in Australia*, Allen and Unwin, 1996.

Fitzroy Legal Service. *The law handbook*, 2000, or Redfern Legal Service. *The law handbook*, 2000.

Swain, P. *In the shadow of the law*, The Federation Press 1995.

Wearing, M. and Berreen, R. (eds) *Welfare and social policy in Australia. The distribution of advantage*, Harcourt Brace 1994.

**WELFARE METHODS 2A (15 CPs. Sem. I. Aw.) WWS6240 Ms Robyn Mortlock**

*Available to continuing students only.*

Builds on the theory and practice covered in Welfare Methods 1B and comprises two sections, group work and community work. The group work part of the subject is designed to provide learning opportunities in group work for students where students experience leadership and membership of a campus-based group. The community work part of the subject examines the connections between theoretical frameworks and professional practice. In particular,



attention is given to exploring the principles and processes of community development and the application of integrated strategies of intervention. Concepts such as power, empowerment, professionalism and social change, will be considered in relation to community groups, management committees, women and community work, rural community welfare and the state.

**Prerequisite:** WWS6140 and WWS6141.

**Class requirements:** one 2-hour lecture and one 2-hour skills group per week.

**Assessment:** one seminar presentation (25%), one 2,000-word essay (35%), one skills group presentation (20%) and one, 1,500-word report (20%).

**Prescribed reading:**

Johnson, D. and Johnson, F. *Joining together*, 6th edn, Prentice-Hall 1996.

Kenny, S. *Developing communities for the future: community development in Australia*, 2nd edn, Thomas Nelson 1999.

Rothman, Erlich & Tropman, eds. *Strategies of community intervention*, F E Peacock Publishers, 5th edn, 1995.

**WELFARE METHODS 2B (15 CPs. Sem. I. Aw.) WWS6241 Ms Judith Gibbs**

*Available to continuing students only.*

Basic intervention frameworks relevant to working with individuals and families are developed. A family and systems perspective, crisis intervention and problem-solving are considered, along with a brief introduction to radical and feminist approaches. The relevance of these approaches to generic welfare practice is examined throughout. Students will be involved in a series of experiential workshops which are intended to enable the integration and application of all course input.

**Prerequisite:** WWS6140, WWS6141 and WWS6246.

**Class requirements:** one 2-hour lecture and one 2-hour workshop per week.

**Assessment:** one 2,500-word assignment (50%) and one progressive-reflective journal assignment (50%).

**Preliminary reading:**

Coulshed, V. *Social work practice: an introduction*, Macmillan 1988.

**Prescribed reading:**

Payne, M. *Modern social work theory: a critical introduction*, 2nd edn, Macmillan 1997.

**WELFARE PRACTICE FIELD EDUCATION PROJECT (20 CPs. Sem. II. Aw.) WRH2FE1 Ms Virginia Mansel Lees**

This subject provides a field-based introduction to the human services industry and an opportunity for students to integrate theoretical aspects of the course with welfare practice. The focus of the placement is the analysis of the practice context of welfare service delivery including the social, political, organisational and professional context of an agency. Students undertake a 20-day field placement and are supervised by appropriately qualified workers. A University liaison staff member is appointed to support and assess the progress of the placement based upon supervision sessions and written reports. Students attend preparation for fieldwork lectures and are required to present an aspect of their work on placement during fieldwork seminars.

**Prerequisite:** Bachelor of Welfare Practice: WRH1RC1, WRH1PPP and WRH2CPP. Bachelor of Arts (Human Services): WRH1RC1 and WRH1CSW.

**Co-requisite:** Bachelor of Arts (Human Services): WRH2TPP.

**Class requirements:** eight hours preparation; two 3-hour integrative seminars; 20 days (140 hours) supervised placement. Field education preparation is usually undertaken during evenings or weekends.

**Assessment:** assessment is on a pass/fail basis only. To obtain a pass students must attend all Field Education Preparation and seminar sessions; undertake 20 days of Field Placement including all requisite field placement tasks (as confirmed through a Field Educator Report); receive a pass grade on the Field Education Workbook; and complete a 30-minute seminar presentation (100%).

**Prescribed reading:**

O'Connor, I., Wilson, J. and Setterlund, D. *Social Work and Welfare Practice*, 2nd edn, Longman Cheshire 1998.

**WELFARE SERVICES AND ADMINISTRATION (15 CPs. Sem. I. Aw.) WWS6143 Ms Tricia Hazeleger**

*Available to continuing students only.*

This subject provides an introduction to the societal and organisational contexts of welfare work. It focuses on a range of organisational and instrumental skills required in the areas of report writing, planning, communication and team work. It examines structures and

procedures involved in the administration of welfare services, with particular emphasis on public welfare.

**Class requirements:** one 2-hour lecture and one 1.5-hour seminar per week.

**Assessment:** one 1,000-word essay (20%), one 2,000-word essay (45%) and one 1,500-word report (35%).

**Prescribed reading:**

Jones, A. and May, J. *Working in human service organisations*, Longman Cheshire 1992.

**Third year**

**CHILD ABUSE AND CHILD PROTECTION (20 CPs. Sem. I. Aw.)**

**WRH3CAP Ms Judith Gibbs and Ms Sue Hodgkin**

The primary objective of this subject is to encourage students to develop an understanding and critical appreciation of the major conceptual, policy, program and practice debates which characterise the field of child abuse and child protection services. There will be an analysis of what constitutes child abuse and some exploration of different theoretical models, which assist in explaining the phenomenon. Lectures will concentrate on current issues in the field and policy and practice issues and dilemmas will be placed in a historical framework. The course is child centred and begins with a consideration of a number of theories and approaches regarded as critical to effective work in the field. The nature of working with involuntary clients and the ensuing personal and professional dilemmas will be pivotal to assisting students to understand the work.

**Prerequisite:** WWS6246 or WRH2PP1 or WRH2FE1.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** one 30-minute seminar presentation (30%), one 3,000-word essay (50%) and one 1,500-word book review (20%).

**Preliminary reading:**

Goddard, C. *Child Abuse and Child Protection: A Guide for Health, Education and Welfare Workers*, 1996.

**Recommended reading:**

Goddard, C. and Carew, R. *Responding to children: Child Welfare Practice*, 1993.

Platt, D. and Shemmings, D. *Making Inquiries into Alleged Abuse and Neglect: Partnership with Families*, 1996.

**CONTEMPORARY HUMAN SERVICES (20 CPs. Sem. II. Aw.)**

**WRH3CHS Ms Robyn Mortlock**

This subject prepares students for work within contemporary human services organisation, building on Theory of Professional Practice to extend students' understanding of processes and practices characteristic of the organisation of human services work. The subject consists of three modules: organisation theory, including organisational culture, management structures, leadership and teamwork; human resource management, including principles, power and decision-making processes, managing conflict, including conflict resolution, collaborative problem solving, planning, supervision and stress management within human services; and administration in contemporary human services, including tendering, reporting and workload management.

**Prerequisite:** WRH2CPP & WRH2CDP.

**Class requirements:** one 2-hour lecture and one 2-hour seminar per week.

**Assessment:** one 2,500-word essay (50%), one 1,500-word essay (30%) and one 1,000-word seminar presentation (20%).

**PROFESSIONAL PRACTICE 3 (20 CPs. Sem. I. Aw.) WRH3PP3 Ms**

**Robyn Mortlock (This subject will be running in year 2000 only)**

This subject aims to develop students' critical understanding of theoretical frameworks and professional practice of social and community development and group work interventions in the human services sector. The social and community development component examines the principles and participatory processes involved in working with people, structures and institutions at local and central levels. The study of intervention in relation to the processes of social change are applied to community settings, the civil society, and the state. Group work provides learning opportunities for students to develop an understanding of frameworks such as group development and leadership. It is expected students should be able to explain and apply the stages of group development and group processes, as well as demonstrate their knowledge and skills as group facilitators.

**Prerequisite:** WRH2PP1 and WRH2PP2.

**Class requirements:** one 2-hour lecture or workshop and one 2-hour skills group per week.

**Assessment:** one peer learning activity (20%), two 2,000-word essay (30% each) and one skills group facilitation (20%).

**Prescribed reading:**

Johnson, D. and Johnson, F. *Joining together*, 6th edn, Prentice Hall 1996.

Kenny S. *Developing communities for the future: community development in Australia*, 2<sup>nd</sup> edn, Thomas Nelson 1999.

Rothman, J., Erlich, J. and Tropman, J. eds. *Strategies of community intervention*, 5th edn, F. E. Peacock Publishers 1995.

**SOCIAL POLICY AND PROGRAM DEVELOPMENT (20 CPs. Sem. I. Aw.) WRH3SP1** Dr Guinever Threlkeld.  
Not available in 2000.

**SOCIAL WORK 3A: CONCEPTUALISATIONS OF SOCIAL WORK AND SOCIAL WELFARE (20 CPs. Sem. I. Bu., Aw., Be.) SW3CSW, WSW3CSW, BSW3CSW** Bu: Mr Bill Healy. Aw: Ms Tricia Hazeleger. Be: Ms Fiona Gardner

In this subject students entering the two year program will be given the opportunity to systematically relate prior learning and work experiences to key concepts and theoretical accounts of the place of the welfare state and the profession of social work in Australian and comparative international contexts. Particular emphasis will be given to the post world war two developments in health and welfare provision, key points of change since then and to contemporary restructuring of the welfare state. In that context the nature, purpose and knowledge and value bases of social work will be examined as it is both shaped by and attempts to shape the nature of its sanctioned roles and tasks.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** one 1,500-word class paper (30%) and one 3,500-word essay (70%). Hurdle requirement: attendance and participation at seminars.

**Recommended reading:**

Adams, K. Dominelli, L. and Payne, M. *Social Work: Themes, Issues and Current Debates*, Macmillan 1998.

Ife, J. *Rethinking Social Work*, Longman 1997.

Wilson, J., Thomson, J. and McMahon, A. *The Australian Welfare State*, Macmillan 1996.

**SOCIAL WORK 3B: SOCIAL WORK PRACTICE WITH INDIVIDUALS, FAMILIES AND GROUPS (20CPs. Sem. I. Bu., Aw., Be.) SW3IFG, WSW3IFG, BSW3IFG** Bu: Mr Mark Furlong. Aw: Ms Tricia Hazeleger. Be: Ms Fiona Gardner

In this subject students will be introduced to a basic understanding of theories of social work practice with individuals, families and groups in community and social contexts. More specifically students will have structured opportunities to develop and refine: basic communication skills; relevant perceptual and conceptual abilities around how to better understand personal and family "problems" and how to formulate appropriate social work interventions. The expected outcome for this subject is the achievement of at least a basic level of social work practice competence in working with individuals, families and groups sufficient for entry into a first supervised fieldwork placement.

**Class requirements:** one 2-hours lecture and one 3-hour seminar/laboratory per week.

**Assessment:** one 2,500-word essay (50%), one 1,500-word case formulation (30%) and five 200-word written class exercises (20%).

**Recommended reading:**

Fook, J. *Radical Casework*, Allen and Unwin, Sydney 1993

Payne, M. *Modern Social Work Theory*, Macmillan, London 1997

Benjamin, J., Bessant, J. and Watts, R. *Making Groups Work*, Allen and Unwin, Sydney 1997

**SOCIAL WORK 3C: SOCIAL WORK PRACTICE IN SOCIAL DEVELOPMENT AND POLICY CONTEXTS (20 CPs. Sem. I. Bu., Aw., Be.) SW3SDP, WSW3SDP, BSW3SDP** Bu: Dr Thom Puckett. Aw: Dr Guinever Threlkeld. Be: Ms Di Cox

In this subject the focus is on social work practice at the community and society levels in the context of personal and social relationships. It covers: relevant theory and knowledge related to social networks, communities, civil society and societies as a whole; community work and social development as social work practice models; social policy processes and analysis; and the application of research, analytical and other skills to these practice levels.

**Prerequisite:** SW3SDP.

**Class requirements:** 3-hours of lectures and one 2-hour seminar.

**Assessment:** one 2,000-word essay (40%), one 1,500-word essay (30%) and one 1,500-word essay (30%).

**Recommended reading:**

Midgley J. *Social Development: The Developmental Perspective in Social Welfare*, Sage 1995.

Pierson C. *Beyond the Welfare State: The New Political Economy of Welfare*, Cambridge, Polity Press 1998.

Ife J. *Community Development: Creating Community Alternatives - Vision, Analysis and Practice*, Melbourne, Longman 1995.

**SOCIAL WORK 3D: SOCIAL WORK PRACTICE IN LEGAL, ETHICAL AND RIGHTS CONTEXTS (20CPs. Sem. II. Bu., Aw., Be.) SW3LER, WSW3LER, BSW3LER** Bu: Ms Margarita Frederico. Aw: Ms Tricia Hazeleger. Be: Mr Garth Phillips

In this subject a major focus will be upon the way in which human rights regime guides social work practice. Students explore in depth the human rights regime and its relevance to social work. The role of ethics from various perspectives in everyday social work practice will be addressed, and the process for ethical decision making will be explored. Within this framework there will be a specific examination of the legal context within which social workers work, and which they are expected to understand in their practice. This will include laws and legal practice which interface directly with aspects of social work and an examination of 'duty of care' and the obligations of professional practice.

**Prerequisite:** SW2OCD or equivalent.

**Class requirements:** four 2-hour lectures/seminars per week for six weeks.

**Assessment:** one 1,500-word assignment (40%), one 1,500-word assignment (40%) and the equivalent of 1,000-words of written class exercises (20%).

**Recommended reading:**

Hugman, R. and Smith, D. *Ethical issues in Social Work*, Routledge 1995.

Lawrence, J. *Argument for Action Ethics and Professional Conduct*, Hemisphere Publication Services 1999.

Swain, P. *In the shadow of the law : the legal context of social work practice*, N.S.W. Federation Press 1991.

**SOCIAL WORK 3E: SOCIAL WORK PRACTICE SPECIALISATIONS (20 CPs. Sem. II. Bu., Aw., Be.) SW3SWS, WSW3SWS, BSW3SWS** Bu: Dr Thom Puckett. Aw: Dr Guinever Threlkeld. Be: Ms Fiona Gardner

The purpose of this subject is to introduce students to the practice of social work in diverse fields. The modules will explore policies, programs, and practice and context in various fields. The content will build upon core social work knowledge and skill and introduce knowledge and practice specific to the field being studied. Students will select two fields of social work practice to study in depth. The specific fields will be selected by the Department each year to provide a choice for students to pursue areas of interest or specialisation. Fields of practice to be presented may include: Social Work Practice and Mental Health, Social Work Practice with Children and Families, International Social Work, Social Work Practice and Health, Aging, Grief and Loss, Disability and Family Violence.

**Prerequisite:** SW2HPS, SW2OCD or equivalent.

**Class requirements:** four 2-hour lectures per week over six weeks.

**Assessment:** one 2,000-word assignment (40%), one 2,000-word assignment (40%) and the equivalent of 1,000-words of written class exercises (20%).

**Recommended reading:**

Davis, M. *The Blackwell companion to social work*, Blackwell 1997.

Teare, R.J. and Sheafor, B. W. *Practice-sensitive social work education: an empirical analysis of social work practice and practitioners*, Council on Social Work Education 1995.

**SOCIAL WORK 3F: SOCIAL WORK FIELDWORK PRACTICUM 1 (20 CPs. Sem. II. Bu., Aw., Be.) SW3FWP, WSW3FWP, BSW3FWP** Bu: Ms Margarita Frederico. Aw: Ms Tricia Hazeleger. Be: Mr Garth Phillips

In this subject students will apply their learning in knowledge and skills of social work practice by undertaking a supervised fieldwork practicum. Students are placed in a range of human service organisations to demonstrate their knowledge and skills and further develop their practice knowledge. SW3FWP is the first and SW4FWP the second of two fieldwork placements to be undertaken by the students under the supervision of a qualified social worker with the liaison support of an academic staff member. Each placement period is 14 weeks full time as required by the AASW and is normally taken at the end of second semester (September to December) each year. As part of the practicum, students will be required to attend four two hour preparatory seminars and regular seminars throughout the practicum, the latter up to a total of twenty hours.

**Prerequisite:** SW3IFG, SW3SDP.



**Class requirements:** fourteen weeks full time (70 days) including integrative seminar attendance up to a total of twenty hours and four 2-hour preparatory lectures/seminars.

**Assessment:** assessed on a pass or fail basis through ongoing reports and documents written by the student and field educator. Liaison reports and other documentation submitted by the liaison staff member may be taken into account as appropriate (100%).

**Recommended reading:**

Doel, M. and Shadlow, S. (eds) *Social work in a changing world : an international perspective on practice learning*: Arena, Ashgate 1996.  
Shulman, L. *Teaching the helping skills: a field instructor's guide*, Council on Social Work Education, 2nd edn, 1993.

**WELFARE PRACTICE FIELD EDUCATION PRACTICUM (20 CPs. all year. Aw.) WRH3FEP Ms Virginia Mansel Lees**

Students complete 45 days of placement and build upon the learning in Field Education Project. By the completion of this placement, students should be able to demonstrate basic competence in welfare practice. This will include planning and implementing an intervention with a suitable client, group or community program, demonstrating the application of relevant theory to planning a specific action or intervention, reflecting critically on their own practice and demonstrating awareness of their own and agency boundaries and the ability to work within these.

**Prerequisite:** WRH2FE1, WRH2CPP, WRH2CDP.

**Co-requisite:** WRH3SP1 and WRH3CHS.

**Class requirements:** eight hours preparation, two, three-hour integrative seminars and 45 days supervised placement. Field education preparation is usually undertaken during evenings or weekends.

**Assessment:** assessment is on a pass/fail basis only. To obtain a pass students must attend all Field Education Preparation and seminar sessions; undertake 45 days of Field placement including all requisite field placement tasks (as confirmed through a Field Educator Report); receive a pass grade on the Field Education Workbook (minimum of 2,000-words); and complete a 30-minute seminar presentation (total 100%).

**Fourth year**

**FIELDS OF PRACTICE 2 (30 CPs. All year. Bu., Aw., Be.) 15622, 15622W, 15622B Bu: Dr Thom Puckett. Aw: Dr Guinever Threlkeld. Be: Ms Di Cox**

Social work derives much of its purpose and meaning from the organisational locations of its practice. This subject is an approach to building better understandings and actions in the context of particular clusters of services. Attention is given, for example, to the impact upon the practitioner of specific policy and program issues, including field mandates and history, competing definitions of populations to be served and their 'problems', the nature of the legitimated professional tasks and an introduction to the concepts and issues which underpin social policy and an analysis of the organisational structure and principles of social systems, such as income support, housing and health services. Attention is given to the development and implementation of policy and programs which more directly reflect social work's tradition of commitment to notions of social justice. The components of this subject are Social policy 2, understanding of the nature, importance and relevance to social work practice of social policy, including a focus on social development, poverty alleviation and comparative dimensions of social policy. Social policy 3, social and economic aspects of social policy and in particular, questions of distribution and concepts of need and social justice. An elective, which may include social work in fields such as ageing, juvenile corrections, addictions, poverty, domestic violence, mental health, consumer credit and financial counselling, rural social work and international social work. A special emphasis seminar, which may include social work in health, child and family welfare, mental health and ageing.

**Class requirements:** seventy-six hours of seminars and lectures.

**Assessment:** elective in either semester: one 2,000-word essay (20%), special emphasis seminar: one 3,000-word essay (40%), social policy 2: one 2,000-word essay or examination (20%), social policy 3: a class presentation and one 1,500-word summary (20%).

**KNOWLEDGE FOR PRACTICE 2 (30 CPs. All year. Bu., Aw., Be.) 15621 15621W, 15621B, Bu: Dr T. Puckett ; Aw: Dr G. Threlkeld, Be: Ms Fiona Gardner,**

The subject comprises two components, program design and evaluation and human service organisations. The first covers conceptualisation and design of human service programs, inclusive of plans for monitoring implementation and evaluating the outcome of programs. Students are required to report on individual research and contribute to a group submission. The second focuses on how and why the human service organisations function, the impact of functioning on staff and clients alike and possible strategies for addressing organisational issues.

**Class requirements:** sixty-six hours of lectures and seminars.

**Assessment:** program design and evaluation: one 500 to 1,000-word draft program proposal and minutes of group activity and one 2,500 to 4,000-word final program proposal (70%); human service organisations: one 1,500-word individual paper (30%).

**SOCIAL WORK FIELD EDUCATION 2 (30 CPs. All year. Bu., Aw., Be., Mi.) 15623, 15623W, 15623B, 15623M Bu: Dr Helen Cleak. Aw: Ms Tricia Hazeleger. Be: Mr Garth Phillips. Mi: Mr Michael Jobe**

The field education program is integral to social work. Students are placed in a range of human service organisations and given the opportunity (under the supervision of an experienced, qualified social worker) to demonstrate and further develop the skills taught in the other aspects of the course. Students are expected to perform at certain levels of competence by the end of each placement. Students are required to undertake two placements, each for a period of 14 weeks full-time as required by the AASW guidelines, at the end of semester two in each year of the course. Students are prepared for placement in the equivalent of eight hours of lecture or workshop sessions each year. Issues such as supervision, liaison, the nature of field learning, the integration of theory and practice, preparing learning agreements and evaluation are covered. Students are consulted regarding their individual learning goals, so that appropriate placements can be arranged. Final year students who wish to undertake a placement overseas should apply, in writing, to the course coordinator.

**Class requirements:** Seminar attendance during placements is required.

**Assessment:** on-going reports and documents written by the student and field educator, liaison reports and other documentation submitted by the liaison staff member may be taken into account as appropriate (100%). Hurdle requirement: seminar attendance during placements is required.

**SOCIAL WORK THEORY AND PRACTICE 2 (30 CPs. All year. Bu., Aw., Be., Mi.) 15620, 15620W, 15620B, 15620 M Bu: Mr Mark Furlong. Aw: Ms Robyn Mortlock. Be: Ms Fiona Gardner. Mi: Mr Michael Jobe**

Continues the knowledge and skills development begun in previous years. Comprises three practice approaches, advanced direct practice, group work and community work, that are regarded as complimentary.

**Class requirements:** advanced practice: one 3-hour lecture/seminar per week for twelve weeks (total 36 hours); group work: one 3-hour lecture/seminar per week for six weeks (total 18 hours); community work: one 2-hour lecture/seminar per week for eighteen weeks (total 36 hours).

**Assessment:** advanced practice: one 2,500-word essay (40%); group work: one 1,500-word essay (20%); community work: one 2,500-word essay (40%).

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**Location:** Faculty Office, level 3, Humanities 3 Building  
**Inquiries:** (03) 9479 2023  
**Email:** lhuss@latrobe.edu.au

**Disciplines**

The Faculty's disciplines are: Ancient Greek, Anthropology, Archaeology, Art History, Burmese, Chinese, Cinema Studies, English, Hindi, History (including Religious Studies) Indonesian/ Malay, Italian Studies, Japanese, Linguistics, Media Studies, Modern Greek, Philosophy (including Logic) Politics, Sociology, Sanskrit, Spanish and Theatre and Drama.

**Areas of study**

The Faculty's areas of study are: Aboriginal Studies, Ancient Mediterranean Studies, Asian Studies, Australian Studies, Development Studies, European Cultures, History and Philosophy of Science, Latin American Studies, North American Studies, Peace Studies, Philosophy of Science, Psychoanalytic Studies, Romance Languages and Women's Studies.

**Other subjects**

In addition to the subject areas, it is possible to study AUSLAN, Catalan, French, German, Latin and Portuguese.

**Faculty Office - Inquiries**

All inquiries should be directed to the Faculty Inquiries Office located at Humanities 3 building, level three, between 10 am and 4 pm Monday to Friday, tel: (03) 9479 2023/9479 2336.

**Academic progress**

Students are regarded as not having made satisfactory academic progress if they have not passed at least one-half of their enrolment, or if they have failed to meet a condition previously imposed on them by the Academic Progress Committee. For the purpose of this rule, a current enrolment is taken to include any subject in which a student remains enrolled at the completion of the subject or any subject awarded a KN or NS grade.

The Faculty considers the examination results in early December. Students who have failed to satisfy academic progress requirements may be required to attend for academic counselling before they are permitted to re-enrol in their course. Students in the first year of their enrolment will be allowed to re-enrol, but must pass a minimum of two-thirds of their next enrolment or attend academic counselling. Normally, the maximum time allowed to complete the Bachelor of Arts is 10 years of part-time study.

**Subject enrolment**

The subject coordinator's signature is required for enrolment in any subject after the first two weeks of Semester.

**Subject quotas**

Quotas are imposed on some first-year subjects. These include media studies and drama subjects. Quotas are also applied to later year subjects in some Schools and departments. For details, see the specific subject descriptions.

Students allocated a place in a quota-controlled subject must confirm their acceptance of the place by attending class in the first week, or by contacting the lecturer-in-charge before the end of the first week. Otherwise, the place may be made available to a student on the waiting list.

**Completion of a subject**

Completion of a subject requires satisfactory performance at such examinations as are set, attendance at such lectures, tutorials and other classes as are required and satisfactory completion of any exercises and work required.

A student who has not complied with the requirements for a subject may be refused admission to the annual examination in that subject.

**Availability of subjects**

Schools may decide not to offer listed first, second or third year subjects if insufficient students choose to enrol.  
All subjects are offered subject to the availability of appropriate

staffing and resources and students should consult the advisers of studies in the relevant disciplines.

**Prerequisites**

A student may not enrol for any subject without having completed the prerequisites for that subject, except with the permission of the coordinator for that subject. In the disciplines of English, History and European Studies, approval is required from the Head of School.

**Subjects which may be taken at either second or third-year level**  
Where a subject is listed at both 2nd and 3rd year levels, students may enrol either at second-year level (Art History 2CH) or at third-year level (Art History 3CH) but not at both levels.

**Subject descriptions**

The subjects described throughout this listing are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

**BACHELOR OF ARTS**

The degree of Bachelor of Arts may be taken in the Faculty of Humanities and Social Sciences either as a pass degree or with honours. The pass degree, if taken full-time, is designed to be completed within three years.

It is the responsibility of students to ensure that they familiarise themselves with course requirements and to ensure that they are enrolled in subjects which conform to those requirements. Students are encouraged to contact the Faculty Inquiries Office if they have any questions regarding requirements for their course.

**Admission requirements**

Prerequisite studies: a study score of at least 25 in VCE units 3 and 4 English or equivalent is required for entry to the Bachelor of Arts. The Faculty will consider for admission applicants from all entrance categories.

Applicants who have not completed a year 12 or equivalent may apply under alternative category entry. See the current VTAC Guide for more details.

Further information may be obtained from the Faculty Inquiries Office.

**Course requirements**

- To qualify for the degree of Bachelor of Arts, students must:
- satisfactorily complete a minimum of 360 credit points, with at least 120 credit points at third-year level and include in their course either:
  - a major of 150 credit points, including at least 80 credit points at third-year level, in a discipline (or area of study) offered by the Faculty, noting that majors in some disciplines must include specific subjects or combinations of subjects

<b>First year</b>				
<b>Sem. I.</b>	Major	Elective	Elective	Elective
<b>Sem. II.</b>	Major	Elective	Elective	Elective

<b>Second Year</b>				
<b>Sem. I.</b>	Major	Elective	Elective	
<b>Sem. II.</b>	Major	Elective	Elective	

<b>Third Year</b>				
<b>Sem. I.</b>	Major	Major	Elective	
<b>Sem. II.</b>	Major	Major	Elective	

- or,
- two sequences of at least 110 credit points (30 credit points at first-year level and 40 credit points at second and third-year level) from different disciplines with at least one sequence in a discipline offered within the Faculty.

<b>First year</b>				
<b>Sem. I.</b>	1 st Sequence	2 nd Sequence	Elective	Elective
<b>Sem. II.</b>	1 st Sequence	2 nd Sequence	Elective	Elective

<b>Second Year</b>				
<b>Sem. I.</b>	1 st Sequence	2 nd Sequence	Elective	
<b>Sem. II.</b>	1 st Sequence	2 nd Sequence	Elective	

<b>Third Year</b>				
<b>Sem. I.</b>	1 st Sequence	2 nd Sequence	Elective	
<b>Sem. II.</b>	1 st Sequence	2 nd Sequence	Elective	

Course regulations

- a maximum of 205 credit points may be taken from any single discipline in the Faculty or legal studies.
- 120 credit points (60 credit points in each Semester) is a full time study load for each year level. Students require permission from the Faculty to overload by taking more than 60 credit points in any semester. Permission is normally based on the student's previous academic record.

First year subjects

- Students must take a minimum of 90 credit points at first year level from subjects offered by the Faculty. a maximum of 45 credit points may be taken in any one discipline.
- a minimum of 120 credit points and a maximum of 135 credit points of first-year subjects may normally be included in the degree.

In special circumstances a student may put a case to be allowed to take 150 credit points of first year level subjects, approval for this should be sought from the Faculty Enquiries Office.

Subjects from other La Trobe Faculties and other Universities

- Students may take two Semester subjects at each year level from other La Trobe faculties. The exceptions to this requirement are that students may take up to 205 credit points of legal studies in their degree; and, in mathematics and computer science, may take 30 credit points at first year level, 40 credit points at second-year level and 60 credit points at third-year level to complete a major in these disciplines.
- Students may take up to two semester subjects at each year level from another tertiary institution in a discipline which is not available at La Trobe University. Applicants for cross-institutional study in a discipline which is available at La Trobe University require written approval from the Head of that School or Department. This should be submitted to the Faculty Inquiries Office.

Students are not normally permitted to:

- enrol in more than two languages other than English,
- commence third-year subjects until they have completed 120 credit points of first-year subjects.

BACHELOR OF ARTS WITH HONOURS

Most disciplines and areas of study offer an honours program. The program consists of a fourth year of full-time study and may involve prerequisite studies at second or third-year level. The honours year may be taken part-time over two years.

Students interested in honours should discuss the matter with the relevant Head of School or honours coordinator as early as possible, as specific requirements vary.

If you wish to enrol in a combined honours course you should provide a statement in writing of your course requirements and consult your Head of School who will discuss your proposal with the Head of School of the other discipline.

BACHELOR OF ASIAN STUDIES

This is a three-year degree for students who wish to specialise in Asian languages and Asian studies. The degree can be studied on a full-time or part-time basis. It is anticipated that an Honours program will be available in 2001. The pass degree requires completion of 360 credit points and if taken full-time, is designed to be completed in three years, with students completing 120 credit points at each year level. It has been especially designed to allow students who are commencing study of an Asian language or continuing from VCE level to achieve relatively high proficiency within the space of a three-year degree. This degree also enables students to design a course drawing upon other degree programs, including the BA, BCom, BEc, Bachelor of Tourism and Hospitality and LLB. The core languages available in 2000 are Chinese, Indonesian/Malay and Japanese. In their second and third years students draw electives from structured streams in one of linguistics, cultural studies, economics or sociology/politics/anthropology.

Course structure

First year (120 credit points)

In their first year, students study 45 credit points of the core Asian language and 75 credit points chosen from the first-year electives listed below.

Sem. I.	Core language	Core language	AS 1 ITA-B	Elective
Sem. II.	Core language	Elective	AS 1 ITA-A	Elective

Core subjects (45 credit points)

Chinese stream

45 credit points of first-year Chinese language subjects (see the entry for Chinese)

Indonesian stream

45 credit points of first-year Indonesian/Malay language subjects (see entry for Indonesian/Malay)

Japanese stream

45 credit points of first-year Japanese language subjects (see entry for Japanese)

Compulsory units in Asian Studies

- 1 Asian Studies 1 ITA-B: introduction to Asia B: politics, culture and society
- 2 Asian Studies 1 ITA-A: introduction to Asia A: politics, culture and society

Electives

Select three electives drawn from the following. Two of these subjects should be drawn from the same discipline, e.g. two subjects from Linguistics.

Sem.

- 1 Anthropology 1AG: introduction to anthropology
- 1 Linguistics 1 NLA: the nature of language A
- 1 Long-term Economic Change 1
- 2 Anthropology 1AJ: introduction to anthropology
- 2 Asian Economic Development 1<sup>1</sup>
- 2 Asian Studies 1 ASR: Asian religions
- 2 Asian Studies 1BCEA: the business culture of east Asia
- 2 Linguistics 1 NLB: the nature of language B
- Art History 1 (any)
- Cinema Studies 1 (any)
- Drama 1 (any)
- English 1 (any)

Second year (120 credit points)

In second year, students study 60 credit points of core Asian language and 60 credit points taken from the second-year subjects listed below. Forty of the elective credit points should be drawn from the same stream e.g. Linguistics, cultural studies, or social sciences. It is strongly recommended that students choose their stream from among subjects successfully completed in first year.

Sem. I.	Core Language	Core Language	Elective
Sem. II.	Core language	Elective	Elective

Core subjects (60 credit points)

Chinese stream

Second-year Chinese language subjects (see the entry for Chinese)

Indonesian/Malay stream

Second-year Indonesian/Malay language subjects (see entry for Indonesian/Malay)

Japanese stream

Second-year Japanese language subjects (see entry for Japanese)

Electives (60 credit points)

Sem.

Cultural studies stream

- 1 Asian Studies 2 B: introduction to Buddhism
- 1 Cinema Studies 2 CC: Chinese cinema
- 1 Cinema Studies 2 NCJ: Japanese cinema<sup>1</sup>
- 1 Drama 2 EAD: European and Asian drama
- 1 Drama 2 JTA: Japanese theatre A
- 1 English 2 IE: India in English
- 1 English 2 SAA: seeing 'Asia': Australian constructions<sup>1</sup>
- 1 History 2 AC: ancient China, society and ideas
- 2 Archaeology 2 ECC: emergence of Chinese civilisation
- 2 Art History 2 EW: east meets west: the arts of Japan and cross-cultural exchange
- 2 Asian Studies 2 EM: eastern meditational traditions
- 2 Asian Studies 2 H: introduction to Hinduism
- 2 Asian Studies 2 LEAT: love and eroticism in Asian literature
- 2 Drama 2 JTB: Japanese theatre B
- 2 History 2 IMC: the ideas that shaped modern China<sup>1</sup>

Linguistics stream

- 1 Linguistics 2 CC: cross cultural communication
- 1 Linguistics 2 LCI: language and culture in Indonesia and the Pacific<sup>1</sup>
- 2 Linguistics 2 BL: bilingualism and second language acquisition

- 2 Linguistics 2 LCC: language and culture in China <sup>1</sup>
- 2 Linguistics 2 LCM: language and culture maintenance <sup>1</sup>
- 2 Linguistics 2 LSA: language in society (Asia)

**Social Sciences stream**

- 1 Anthropology 2 MQA: introduction to ethnographic research
- 1 Politics 2 F: international relations: the cold war and the great powers since 1945
- 1 Politics 2 SA-2: understanding South Asia: the roots of democracies and dictatorships <sup>1</sup>
- 1 Politics 2 SEA: boom and bust in South East Asia
- 1 Sociology 2 JP: Japanese society and culture
- 2 Anthropology 2 TD: development, culture and society
- 2 Legal Studies 2 ALS: Asian legal systems <sup>1</sup>
- 2 Politics 2 AA: Australia, Asia and the world
- 2 Politics 2 CP: Chinese politics
- 2 Politics 2 JP: Japanese politics
- 2 Politics 2 SA-1: understanding South Asia: dynamism, divisions, directions <sup>1</sup>

**Third year (120 credit points)**

In third year, students study 60 or 80 credit points of core Asian language subjects. The remaining credit points are chosen from the third-year subjects listed below.

<b>Sem. I.</b>	Core Language	Core Language	Elective
<b>Sem. II.</b>	Core Language	Core or elective	Elective

**Core subjects (60 or 80 credit points)****Chinese stream**

Third-year Chinese language subjects (see the entry for Chinese)

**Indonesian/Malay stream**

Third-year Indonesian/Malay language subjects (see the entry for Indonesian/Malay)

**Japanese stream**

Third-year Japanese language subjects (see the entry for Japanese)

**Electives (40 to 60 credit points)****Sem.****Cultural studies stream**

- 1 Asian Studies 3 B: introduction to Buddhism
- 1 Cinema Studies 3 CC: Chinese cinema
- 1 Cinema Studies 3 NCJ: Japanese cinema <sup>1</sup>
- 1 Drama 3 EAD: European and Asian drama
- 1 Drama 3 JTA: Japanese theatre A
- 1 English 3 IE: India in English
- 1 English 3 SAA: seeing 'Asia': Australian constructions <sup>1</sup>
- 1 History 3 AC: ancient China, society and ideas
- 2 Archaeology 3 ECC: emergence of Chinese civilisation
- 2 Art History 3 EW: east meets west: the arts of Japan and cross-cultural exchange
- 2 Asian Studies 3 H: introduction to Hinduism
- 2 Asian Studies 3 EM: eastern meditational traditions
- 2 Asian Studies 3 LEAT: love and eroticism in Asian literature
- 2 Drama 3 JTB: Japanese theatre B
- 2 History 3 IMC: the ideas that shaped modern China <sup>1</sup>

**Linguistics stream**

- 1 Linguistics 3 CC: cross cultural communication
- 1 Linguistics 3 LCI: language and culture in Indonesia and the Pacific <sup>1</sup>
- 2 Linguistics 3 BL: bilingualism and second language acquisition
- 2 Linguistics 3 LCC: language and culture in China <sup>1</sup>
- 2 Linguistics 3 LCM: language and culture maintenance <sup>1</sup>
- 2 Linguistics 3 LSA: language in society (Asia)

**Social Sciences stream**

- 1 Anthropology 3 MQA: introduction to ethnographic research
- 1 Politics 3 SA-2: understanding South Asia: the roots of democracies and dictatorships <sup>1</sup>
- 1 Politics 3 SEA: boom and bust in South East Asia
- 1 Sociology 3 JP: Japanese society and culture
- 2 Anthropology 3 TD: development, culture and society
- 2 Legal Studies 3 ALS: Asian legal systems <sup>1</sup>
- 2 Politics 3 AA: Australia, Asia and the world
- 2 Politics 3 CP: Chinese politics
- 2 Politics 3 JP: Japanese politics
- 2 Politics 3 SA-1: understanding South Asia: dynamism, divisions, directions <sup>1</sup>

**Key:** <sup>1</sup>Not available in 2000.

**BACHELOR OF MEDIA STUDIES**

The Bachelor of Media Studies is a vocationally oriented degree and consists of 360 credit points which can be completed in three years of full-time study. Part-time enrolment is also available. After first year, students are able to concentrate their practical studies in one of journalism, audio/radio or video streams. First year consists of 60 credit points of core subjects and 60 credit points of elective subjects. Second and third years consist of 40 credit points of core subjects, 40 credit points of elective subjects and 40 credit points drawn from one of journalism, video or audio/radio stream.

**First year****Sem. I.**

Core Media	Core Media		
Studies 1 CC	Studies 1 MTN	Elective	Elective

**Sem. II.**

Core Media	Core Media		
Studies 1 AC	Studies 1 WFM	Elective	Elective

**Second Year****Sem. I.**

Core Media		
Studies 2 RMA	Stream subject	Elective

**Sem. II.**

Core Media		
Studies 2 RM	Stream subject	Elective

**Third Year****Sem. I.**

Core Media		
Studies 3 MPD	Stream subject	Elective

**Sem. II.**

Core Media		
Studies 3 MI	Stream subject	Elective

**Quotas**

First-year students are selected on the basis of their VCE scores. In certain circumstances applicants might be interviewed. At the end of the first year, students will concentrate their practical studies in one of journalism, video or audio/ radio streams. Where there are too many applicants for one stream, places will be allocated on the basis of academic merit.

**First year subjects****15 credit points****Sem.**

- 1 6 Media Studies 1CC: constructing communication <sup>2</sup>
- 1 6 Media Studies 1MTN: making the news <sup>2</sup>
- 2 6 Media Studies 1AC: audience and communication <sup>2</sup>
- 2 6 Media Studies 1WFM: writing for media <sup>2</sup>

**Second year subjects****20 credit points**

- 1 6 Cinema Studies 2CUS: classical Hollywood
- 2 6 Cinema Studies 2AM: contemporary American cinema

**Second and third year subjects****20 credit points**

- 1 6 Cinema Studies 2 DC/3 DC: documentary cinema
- 1 6 Media Studies 2 CAJ/3 CAJ: computer assisted journalism <sup>3</sup>
- 1 6 Media Studies 2 DMC/3 DMC: digital media cultures
- 1 6 Media Studies 2 NM/3 NM: new media and society <sup>1</sup>
- 1 6 Media Studies 2 PC/3 PC: popular culture and the media
- 1 6 Media Studies 2 PS/3 PS: press and society
- 1 6 Media Studies 2 RMA/3 RMA: researching media audiences <sup>2</sup>
- 1 6 Media Studies 2 RSP/3 RSP: radio sound production <sup>3</sup>
- 1 6 Media Studies 2 SM/3 SM: sex and the media
- 1 6 Media Studies 2 WV/3 WV: writing for video: non fiction <sup>3</sup>
- 2 6 Media Studies 2 AT/3 AT: image and industry: Australian television <sup>1</sup>
- 2 6 Media Studies 2 CP/3 CP: communication policy <sup>1</sup>
- 2 6 Media Studies 2 JPW/3 JPW: journalism production workshop <sup>3</sup>
- 2 6 Media Studies 2 MS/3 MS: media and the spectacular
- 2 6 Media Studies 2 PF/3 PF: understanding popular film
- 2 6 Media Studies 2 RHT/3 RHT: radio theory, policy, history and criticism
- 2 6 Media Studies 2 RM/3 RM: researching the media <sup>2</sup>
- 2 6 Media Studies 2 VEA/3 VEA: single camera video <sup>3</sup>
- 2 6 Media Studies 2 WR/3 WR: writing for radio <sup>3</sup>

**Third year subjects****20 credit points**

- 1 Media Studies 3 AJD: advanced journalism and design <sup>3</sup>
- 1 Media Studies 3 MPD: media project development <sup>2</sup>
- 1 Media Studies 3 MPR: advanced media production – radio <sup>3</sup>
- 1&2 Media Studies 3 INT: media internship

- 1&2 Media Studies 3 RC: reading course  
2 Media Studies 3 MI: media industries <sup>2</sup>  
2 Media Studies 3 MPT: advanced media production – television <sup>3</sup>

Key: <sup>1</sup>Not available in 2000. <sup>2</sup>Core subjects. <sup>3</sup>Stream subjects.

DIPLOMA OF LANGUAGES

This diploma allows students to complete a three-year sequence in a foreign language while maintaining the requirements for their chosen degree. This is a Diploma which must be taken concurrently with any Bachelor degree program. To complete the Diploma of Languages students must undertake a three-year sequence of at least 110 credit points in one of the following languages: Chinese, Modern Greek, Indonesian/Malay, Italian, Japanese or Spanish. Students enrol in their chosen language at each year level and are normally expected to enrol in less than a full-time load in their degree subjects for that year. This process will extend the period required to complete both programs to four year to five years. The relevant language co-ordinator will advise students on the level of entry and sequence of subjects to be taken for the Diploma.

Double degree courses

Double degrees allow students to undertake two courses at the same time, giving them a dual qualification after four years. By exploring two separate fields of study, students enrich and widen their educational, personal and social experiences and may significantly enhance their employment prospects. The double degrees which include the Bachelor of Arts are described below.

BACHELOR OF ARTS/BACHELOR OF COMMERCE

See the Faculty of Law and Management chapter in this Handbook for a full description.

A degree in commerce provides both a professional accounting qualification and a strong business background. The arts degree allows students to pursue other areas of interest and learn skills which complement the commerce studies. Many subject combinations are possible. For example, students may study a language, politics or sociology of a particular region, say Asia or Europe and combine this with a management emphasis in the commerce course. Or they could study legal studies, focusing on law and social policy or criminology and criminal justice, with an accounting major.

BACHELOR OF ARTS/BACHELOR OF ECONOMICS

See the Faculty of Law and Management chapter in this Handbook for a full description.

This program offers a comprehensive study of economics with the option of specialising in one or two areas within arts. Many subject combinations are possible, enabling students to build their courses to suit their interests, i.e., they may combine an Asian specialisation in the economics course with the study of an Asian language, politics or sociology. Or they could combine legal studies, focusing on law and social policy, with a public policy emphasis in economics.

BACHELOR OF ARTS/BACHELOR OF HEALTH SCIENCES

This four-year double degree course is designed to allow students to pursue their areas of interest in both arts and health sciences. Students select subjects from the Faculty of Health Sciences and the Faculty of Humanities and Social Sciences. Programs of interest might include women's studies, public health and health promotion, legal studies and health administration, psychoanalytic studies and the experience of health and illness, Aboriginal studies, health promotion and public health, human biosciences and archaeology, sociology, politics and public health.

Course advisers are available to assist students in designing programs to meet their individual interests. The course requirements are set out below. Descriptions of all health sciences subjects will be found in the Health Sciences chapter. See the Index of subjects at the back of the Handbook.

Programs of study

The course requires 540 credit points taken over four years, with a minimum of 250 credit points from Humanities and Social Sciences and 260 credit points from Health Sciences. The remaining 30 credit points can be taken from either or any faculty.

The maximum number of credit points permitted at first-year level is 195.

Students must complete a minimum number of credit points from each faculty at each year level, as shown in the table below.

Faculty	First year level subjects	Second year I evel subjects	Third year level subjects
Health Sciences	90	80	90

Humanities and

Social Sciences	90	80	80
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Health Sciences requirements

Students must complete the following core subjects from the Bachelor of Health Sciences. These would normally be taken in the first two years of study. All are 15 credit point subjects.

Australia's Health Care System	PH1 AHS
Introduction to Behavioural Health Sciences 1	PH1 IB1
Introduction to Behavioural Health Sciences 2	PH1 IB2
Introduction to the Human Body	HB11 API
Regulation of Human Body Function	HB12 HRB
The Health of Australians	PH1 HOA

For second and third year level subjects, students can choose any combination of subjects from those offered, or can specialise in one of health administration, public health and health promotion, or human physiology and anatomy.

Arts requirements

To complete the BA, students must complete at least one sequence of 110 credit points (with 40 credit points at third year level) in a single discipline offered by the Faculty of Humanities and Social Sciences. Students wishing to complete a major in an arts discipline or area of studies must complete 150 credit points including 80 credit points at third-year level.

Honours

An honours program will be offered to high achieving students and will require an additional full-time year of study. Honours may be undertaken in either arts or health sciences. Details of the specific programs will be available from the relevant faculties.

BACHELOR OF ARTS/BACHELOR OF LAWS

See the Bachelor of Laws course description in the Faculty of Law and Management chapter in this Handbook.

Students enrolled in the Bachelor of Arts may apply for entry to this combined degree at the end of their second year.

Bachelor of Arts/Bachelor of Science

See the Faculty of Science, Technology and Engineering chapter in this Handbook for a description of the course.

This course is designed to allow students to pursue their areas of interest in both science and arts.

BACHELOR OF INFORMATION SYSTEMS/BACHELOR OF ARTS-  
INFORMATION SCIENCE

This four-year, double-degree course, combines information systems and selected arts subjects to provide a comprehensive program in information science. The main objective is the combination of information systems with logic and linguistics subjects, to provide students with a background in computer systems suitable for processing information, such as words and sentences, rather than numerical data. This includes the added advantages of grammatically and semantically analysing the information and secondly, of reasoning logically with the information. The course also focuses on verbal information and multimedia, artificial intelligence, expert systems and automated deduction. An honours degree in one of information systems, logic or linguistics requires an additional year of study. This course contains sufficient material to be professionally recognised by the Australian Computer Society.

Course structure

The syllabus is mostly fixed, although electives constitute approximately 20% of the course. The workload in each year is 12.5% more than that required in either single degree. Each year of the course comprises subjects to the value of 130 to 145 credit points, totalling at least 540 credit points over the four years. There are core logic and linguistics subjects with flexibility as to the year in which they can be taken, provided prerequisites are satisfied. There are core computer science subjects which are fixed by prerequisites and should be taken in specific years of the course. There are at least 35 credit points to be chosen from the listed arts subjects. An additional 60 credit points (or more) can be chosen from any subjects offered by the two faculties but should not include more than 10 credit points of second year computer science subjects. Students can arrange their subjects in consultation with Dr Ross Brady in the School of Philosophy.

Core information systems subjects ( 240 credit points)

30 credit points

CSE30PRJ: software engineering project

**15 credit points**

CSE11IPC: introduction to programming using C++  
 CSE11IS: information systems  
 CSE1200P: object oriented programming  
 MAT11DM: discrete mathematics

**10 credit points**

CSE21ADC: algorithms, data structures and compilers  
 CSE21COR: computer organisation  
 CSE21DB: database systems  
 CSE21IPC: introduction to professional communication  
 CSE21NET: data communications and networks  
 CSE21SDT: system description techniques  
 CSE22AI: artificial intelligence  
 CSE22ODE: object - oriented data engineering  
 CSE31FGL: fourth generation languages  
 CSE31MIS: management information systems  
 CSE31MS: multimedia systems  
 CSE31UIE: user interface engineering  
 CSE32AI: artificial intelligence  
 CSE32EXP: expert systems  
 CSE32WRK: workload analysis and file structures

*Core linguistics subjects (110 credit points)*

**15 credit points**

Linguistics 1NLA: nature of language A  
 Linguistics 1NLB: nature of language B

**20 credit points**

Linguistics 2PT: phonetics  
 Linguistics 2SE: semantics  
 Linguistics 3PL: phonology  
 Linguistics 3SY: syntax

*Core logic subjects (95 credit points)*

**15 credit points**

Logic 1BL: beginning logic

**20 credit points**

Logic 2DL: deductive logic <sup>1</sup>  
 Logic 2LUP: logic of uncertainty and probability <sup>1</sup>  
 Logic 3AR: automated reasoning  
 Logic 3LLC: logic, linguistics and computation<sup>1</sup>

*Arts electives (40 credit points)*

**15 credit points**

Philosophy 1CT: critical thinking

**20 credit points**

Linguistics 2BL/3BL: bilingualism and second language acquisition  
 Linguistics 2CL/3CL: cognitive linguistics <sup>1</sup>  
 Logic 2AL/3AL: applied logic <sup>2</sup>  
 Logic 3RCA: logic reading course A  
 Philosophy 2LMU/3LMU: language, meaning and understanding

*Suggested additional computer science subjects*

**10 credit points**

CSE31STM: software techniques and metrics  
 CSE32SRT: software security, reliability and testing  
 CSE31PAR: parallel computing

**Key:** <sup>1</sup>Not available in 2000. <sup>2</sup>This subject is strongly recommended.

**INTERNATIONAL STUDENTS**

Admission of international students is coordinated by the University's International Programs Office. For information on application procedures, accommodation, visa requirements, fees, etc., contact the office on (03) 9479 1199, or write to International Programs Office, La Trobe University, Bundoora, Australia, 3083.

Non-native English speakers who wish to develop their language and academic skills should contact the Language and Academics Skills (ESL) unit.

The subject, EDBE433 English as a Second Language, is available for credit to international students from non-English speaking backgrounds who have not successfully completed an Australian Year 12 English subject. The subject helps to develop students' English skills in an academic environment and is a 20 credit point subject which may be taken in either semester. For further information, obtain a leaflet from the International Programs Office or contact the Language Centre.

**POSTGRADUATE PROGRAMS**

The Faculty offers a large number of postgraduate courses. These include Graduate Diplomas, Postgraduate Diplomas and Masters by Course-work in various disciplines. Masters by Research and Doctor

of Philosophy programs are also available in most disciplines and areas of study offered by the Faculty.

*Details of specialised Graduate Diplomas, Postgraduate Diplomas, Masters by Course-work and Research and Doctor of Philosophy programs are available in the Postgraduate volume of the University's Handbook.*

**GRADUATE DIPLOMA OF HUMANITIES AND SOCIAL SCIENCES**

The Graduate Diploma of Humanities and Social Sciences is a course-work program normally of one year full-time duration or the part-time equivalent, which provides the opportunity for students to specialise in a particular discipline or area of study. Subjects may be selected from existing pass degree subjects, or from a combination of pass degree and fourth year subjects in the target area. While the graduate diploma provides an opportunity for students to extend their knowledge in the selected area, it does not automatically satisfy entry requirements to a higher degree. Depending on the subjects studied and results gained, it may be used to satisfy entry to honours. The Graduate Diploma in Humanities and Social Services is offered at Bundoora and at the Albury/Wodonga campuses. The range of subjects at Albury/Wodonga is limited.

**Entry requirements**

Admission to the Graduate Diploma of Humanities and Social Sciences normally requires the completion of a pass degree of at least three years full-time duration.

**Course structure and duration**

The course consists of subjects to a total of 110 credit points. At least 40 credit points must be at or above third-year level and no more than 30 credit points may be at first-year level. Students should note that they must have satisfied the prerequisite requirements for second and third-year subjects if they wish to complete the course in one year. Students who have not completed the prerequisites for second and third year are required to study the course part-time. If a student does not have the prerequisite subjects, he/she should contact the relevant department before applying. Students studying languages may normally expect to study part-time over two to three years as language study is strictly sequential.

Credit towards the graduate diploma is not normally granted for subjects completed as part of another course.

**Subject Details**

Refer to the subject details listed below for subjects available in the Graduate Diploma of Humanities and Social Sciences

**DISCIPLINES AND AREAS OF STUDY****Aboriginal Studies** *Dr Grayson Gerrard (Anthropology)*

Students qualify for a degree with an Aboriginal Studies major by taking approved combinations of subjects from anthropology, archaeology, behavioural health sciences, English, genetics and human variation, history, legal studies, linguistics, religious studies and sociology. Subjects either focus explicitly on aspects of Aboriginal societies, or offer thematic, theoretical or methodological approaches directly relevant to Aboriginal Studies.

**Program of study**

Students qualifying for a degree with an Aboriginal Studies major must accrue at least 150 credit points from the subjects listed below, including at least 30 credit points at first-year and at least 80 credit points at third-year. At least 80 credit points must be accrued from the set of core subjects marked <sup>1</sup>.

**Important notice**

Not all of the subjects listed below will be available every year. Full details of the individual subjects and their prerequisites are provided under the relevant discipline entry.

**First-year subjects****15 credit points**

Anthropology 1AG: introduction to anthropology  
 Anthropology 1AJ: introduction to anthropology  
 Archaeology 1A: discovering archaeology  
 Archaeology 1B: excavating Australia  
 History 1AAH: Australian Aboriginal History  
 History 1AHA: Australian History Part A  
 History 1AHB: Australian History Part B  
 Linguistics 1NL-A: the nature of language A  
 Linguistics 1NL-B: the nature of language B  
 Religious Studies 1ABR: Aboriginal and Pacific religions <sup>1</sup>

**Second-year subjects****20 credit points**

HUG22HUM human biology and anthropological genetics  
 PH2EBD environmental and behavioural determinants of health



## Second or third-year subjects 20 credit points

Anthropology 2AB/3AB: Aboriginal Australia<sup>1</sup>  
 Anthropology 2ABS/3ABS: Aborigines and the state<sup>1</sup>  
 Anthropology 2ACI/3ACI: current issues in anthropology  
 Anthropology 2ACM/3ACM: anthropological concepts and practice  
 Anthropology 2KM/3KM: kinship and marriage  
 Anthropology 2MQA/3MQA: introduction to ethnographic research  
 Anthropology 2PCP/3PCP: postcolonial perspectives  
 Archaeology 2ALP/3ALP: Australia in later prehistory<sup>1</sup>  
 Archaeology 2PGA/3PGA: prehistory of greater Australia<sup>1</sup>  
 English 2CAP/3CAP: cultural identities in Australian poetry  
 History 2AAS/3AAS: Aboriginal Australians and the state<sup>1</sup>  
 History 2ASA/3ASA: Aborigines and Europeans in south-east Australia<sup>1</sup>  
 Legal Studies 2ALA/3ALA: Aborigines and law in Australia<sup>1</sup>  
 Legal Studies 2DL/3DL: discrimination and the law  
 Linguistics 2AB/3AB: Aboriginal languages<sup>1</sup>  
 Linguistics 2BL/3BL: bilingualism and second language acquisition  
 Linguistics 2LCM/3LCM: language and culture maintenance  
 Religious Studies 2AR/3AR: Aboriginal religion<sup>1</sup>

## Third-year subjects 20 credit points

Archaeology 3BP: the biology of human populations  
 Legal Studies 2LSE/3LSE: law and the search for equality

## 30 credit points

HUG32HUM: human biology and anthropological genetics<sup>1</sup>  
 PH3CGH Community Groups and the Health Care System

Key: <sup>1</sup> Core subjects

## Honours

To be considered for Honours students normally must have completed a major in Aboriginal Studies. Intending Honours students are advised to consult the coordinator of Aboriginal Studies before enrolling at second or third-year level. It is possible, in consultation with the Chair, to combine Honours in Aboriginal Studies with Honours in another discipline.

## Ancient Greek

See also *Ancient Mediterranean Studies, European Studies and Modern Greek*

The Department of Hellenic Studies offers a major in ancient Greek. The subjects provide students with a thorough grounding in classical Greek, with a view to reading texts ranging from Homer to the 4th Century AD. and understanding them in their historical context. The main goal of the first-year subjects, Ancient Greek 1-1 and Ancient Greek 1-2, is to develop confidence and fluency in reading texts. In second and third-year subjects, students are introduced to texts of major literary importance in the original Greek, as well as some non-literary texts. The nature of the texts to be read will appeal strongly to those who are studying ancient literature, philosophy, history, art history and religious traditions. The subjects have a strong linguistic component and are therefore of interest to students of linguistics (especially historical linguistics) and modern Greek.

## Programs of study

The following subjects are acceptable towards a major in ancient Greek, which consists of 150 credit points, 80 credit points of which must be at third year level. The core subjects must be included. It is recommended that students intending to major in Ancient Greek combine Ancient Greek 1-1 and 1-2 with one of the following: Ancient Greek 1AMG or 1OGS or 1HHH.

## First-year subjects 15 credit points

### Sem.

- 1 Ancient Greek 1 AMG: ancient Mediterranean culture – the Greek achievement
- 1 Ancient Greek 1 OGS: the Olympic Games and Greek sport 776 BC- AD 2004
- 1 Ancient Greek 1-1<sup>1</sup>
- 2 Ancient Greek 1 HHH: from Homer to Hollywood - the perennial Greek hero and heroine
- 2 Ancient Greek 1-2<sup>1</sup>

## Second or third-year subjects 20 credit points

- 1 Ancient Greek 2 IMC/3 IMC: intermediate C<sup>1,2</sup>
- 1 Ancient Greek 2 IMA/3 IMA: intermediate A<sup>1</sup>
- 1 Archaeology 2 AC/3 AC: ancient Cyprus
- 1 Art History 2 CH/3 CH: Greek art and archaeology of the classical period<sup>2</sup>
- 1 Modern Greek 2 FS/3 FS: formal standard Modern Greek<sup>2</sup>
- 1 Modern Greek 2 TGL/3 TGL: twentieth century Greek literature
- 1 Modern Greek 2 TH/3 TH: the modern Greek theatre<sup>2</sup>
- 1 Modern Greek 2 VMG/3 VMG: varieties of Modern Greek
- 2 Ancient Greek 2 IMD/3 IMD: intermediate D<sup>1,2</sup>
- 2 Ancient Greek 2 IMB/3 IMB: intermediate B<sup>1</sup>

- 2 Art History 2 ECT/3 ECT: the early Christian tradition in East and West, c.312-c.1320<sup>2</sup>
- 2 Art History 2 MI/3 MI: myth and image in Ancient Greece
- 2 English 2 TRC/3 TRC: tragedy in the classical world
- 2 Linguistics 2 HL/3 HL: historical linguistics
- 2 Modern Greek 2 CWJ/3 CWJ: creative writing and journalism in modern Greek<sup>2</sup>
- 2 Philosophy 2 AR/3 AR: Aristotle
- 2 Philosophy 2 PLM/3 PLM: Plato's metaphysics
- S or 1/2 Modern Greek 2 SAP/3 SAP: modern Greek study abroad program

## Third-year subjects 20 credit points

- 1 Modern Greek 3 GAW: Greek-Australian writings<sup>2</sup>
- 1 Modern Greek 3 MD: Greek mothers and daughters: gender and tradition in modern Greek culture and society
- 2 Modern Greek 3 TBA: translation for business and administration<sup>2</sup>
- 2 Modern Greek 3 TLM: modern Greek translation: legal and medical

Key: <sup>1</sup>Core subjects. <sup>2</sup>Not available in 2000

## Honours

Students who have demonstrated proficiency in ancient Greek, especially at second and third-year levels, may be accepted to do honours in the discipline. The normal requirement for entry to honours is the completion of 200 credit points from the above list, including a grade of B or better in second and third year core subjects. Prospective honours candidates should consult the coordinator well before the completion of the second semester of their third year of Ancient Greek.

## ANCIENT GREEK 1-1 (15 CPs. Sem. I. Bu.) ANG11 Mr Thanasis Spiliadis

This is an introduction to the ancient Greek language. The emphasis is upon learning to read the language with confidence and fluency. Texts deal with aspects of the historical and cultural world of the Greeks, who have exercised a major influence on European traditions. Ancient Greek will be of interest to those studying ancient religious traditions, philosophy, history, art history, linguistics, literature and modern Greek.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** one 1-hour test (20%), weekly translation exercises (30%), one 2-hour test (40%), participation (10%).

## Prescribed reading:

Balme, G. and Lawall, G. *Athenaze* vol.1 OUP 1995.

## ANCIENT GREEK 1-2 (15 CPs. Sem. II. Bu.) ANG12 Mr Thanasis Spiliadis

Builds upon Ancient Greek 1-2 and introduces further features of Greek grammar. The texts to be read will expand knowledge of vocabulary and acquaint students with other features of the Hellenic thought-world.

**Prerequisite:** ANG11.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** one 1-hour test (20%), weekly translation exercises (30%), one 2-hour test (40%), participation (10%).

## Prescribed reading:

Balme, G. and Lawall, G. *Athenaze* vol.1 OUP 1995.

## ANCIENT GREEK 1 AMG: ancient Mediterranean culture - the Greek achievement (15 CPs. Sem. I. Bu.) ANG1AMG Professor Stathis Gauntlett

This subject introduces students to the diversity of the ancient Greek achievement, which has exercised a fundamental and continuing influence upon later European literature and culture. Several of the following aspects are treated, usually focusing on material from the 5th century BC. Literature of various genres (epic, tragedy, comedy, etc), philosophy, art, history, architecture, religion, mythology. A variety of sources are treated to enable students to build up a picture of Greek society as a whole. Texts are read in translation and students are encouraged to consider certain questions of method, (for example, archaeological versus literary evidence) in dealing with the study of a culture removed in time and nature from our own.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** one 2,000-word essay (40%), two 1,000-word tutorial papers (25% each), and class participation (10%).

## Preliminary reading:

Andrewes, A. *Greek society*, Pelican 1971.

Boardman, J. et. al. *The Oxford history of Greece and the Hellenistic world*. OUP 1986.

Ehrenberg, V. *From Solon to Socrates*, Methuen, 1968. repr. Routledge 1991.

Kitto, H. D. F. *The Greeks*, Pelican 1951.

#### Prescribed reading:

Aristophanes, *The wasps; the poet and the women; the frogs*, trans. D. Barrett, Penguin 1964.

Euripides, *Four tragedies*, vol. 1, Alcestis, Medea, Heracleidae, Hippolytus, (eds) D. Grene, R. Lattimore, Chicago UP 1959.

Homer, *The Iliad*. A new prose translation, trans. M. Hammond, Penguin 1987

Jones, P. V. et. al. *The world of Athens*, CUP 1984.

Plato, *Great dialogues of Plato*, trans. W. H. D. Rouse, Mentor 1956.

Thucydides, *The Peloponnesian war*, trans. R. Warner, Penguin 1954.

#### ANCIENT GREEK 1 HHH: from Homer to Hollywood: the perennial Greek hero and heroine (15 CPs. Sem. II. Bu.) ANG1HHH Mr Thanasis Spiliadis

In this subject the definition of heroism is traced through successive phases of Greek tradition from antiquity to the present day using a variety of sources ranging from ancient/ medieval epics to modern heroic ballads and popular songs, from theatre and novels to film, comics and cartoons. Students select Greek heroes and heroines for in-depth study from the range surveyed, including warriors of the Homeric epics, tragic and comic heroes/heroines of ancient Greek theatre, Alexander the Great, Digenis Akritas and the legendary defenders of medieval Eastern Christianity, the social bandits, nationalist rebels and militia-men of the 15th to 19th centuries, the low-life 'macho' of 20th century urban Greece, the Greek version of the Marxist guerrilla, and the Hollywood reincarnations of Odysseus, Herakles and others.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* two 1,000-word tutorial papers (25% each), one 2,000-word essay (40%), and participation (10%).

#### Prescribed reading:

Homer, *The Iliad*, Penguin (trans. E. V. Rieu), or Chicago (trans. R. Lattimore) or,

Penguin (trans. R. Fagels), or any other standard translation.

Homer, *The Odyssey*, Penguin (trans. E. V. Rieu), or Chicago (trans. R. Lattimore), or Penguin (trans. R. Fagels), or any other standard translation.

#### ANCIENT GREEK 1 OGS: the Olympic Games and Greek sport from 776 BC to AD 2004 (15 CPs. Sem. I. Bu.) ANG1OGS Professor Stathis Gauntlett

In this subject, the evolution of Greek sport will be surveyed from antiquity via the Roman period and Byzantium to the modern period. In particular, the modern Olympics, reconstructed in the nineteenth century, held in Athens in 1896 and due to return there in 2004, will be compared with the ancient Olympic Games in terms of both the events and their overall cultural, political and economic significance. Other forms of Greek sport, including the Byzantine hippodrome and contemporary Greek soccer and basketball will also be briefly explored from same points of view.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial.

*Assessment:* two 1,000-word tutorial papers (25% each), one 2,000-word essay (40%), and participation (10%).

#### ANCIENT GREEK 2 IMA: intermediate A (20 CPs. Sem. I. Bu.) ANG2IMA Mr Thanasis Spiliadis

In this subject students are introduced to texts of major literary importance in the original Greek. The focus will be on one prose work, *Gorgias* of Plato, and one work in verse, *Oedipus Rex* of Sophocles. extracts from other authors will also be studied, and knowledge of Greek grammar will be reinforced and progressively enhanced. *Prerequisite:* for ANG2IMA: ANG1-2 or equivalent; for ANG3IMA: ANG2-2 or equivalent.

*Class requirements:* one 1-hour lecture and one 2-hour workshop per week.

*Assessment:* one 1-hour test (15%), class exercises (25%), one 2-hour test (30%), and one 2,000-word essay (30%).

#### Prescribed reading:

Liddell and Scott Greek-English Lexicon (abridged edn).

#### ANCIENT GREEK 2 IMB: intermediate B (20 CPs. Sem. II. Bu.) ANG2IMB Mr Thanasis Spiliadis

In this subject students are introduced to texts of major literary importance in the original Greek. The works for special study will be Book 6 of Homer's *Iliad* and the speech *Against Eratosthenes* by Lysias. *Prerequisite:* ANG2/3IMA or equivalent.

*Class requirements:* one 1-hour lecture and one 2-hour workshop per week.

*Assessment:* one 1-hour test (15%), class exercises (25%), one 2-hour test (30%), and one 2,000-word essay (30%).

#### Prescribed reading:

Liddell and Scott Greek-English Lexicon (abridged edn).

#### ANCIENT GREEK 2 IMC: intermediate C (20 CPs. Sem. I. Bu.)

ANG2IMC Mr Thanasis Spiliadis

Not available in 2000.

#### ANCIENT GREEK 2 IMD: intermediate D (20 CPs. Sem. II. Bu.)

ANG2IMD Mr Thanasis Spiliadis

Not available in 2000.

#### ANCIENT GREEK 3 IMA: intermediate A (20 CPs. Sem I. Bu.)

ANG3IMA Mr Thanasis Spiliadis

See Ancient Greek 2 IMA for full details.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year.

#### ANCIENT GREEK 3 IMB: intermediate B (20 CPs. Sem II. Bu.)

ANG3IMB Mr Thanasis Spiliadis

See Ancient Greek 2 IMB for full details.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year.

#### ANCIENT GREEK 3 IMC: intermediate C (20 CPs. Sem I. Bu.)

ANG3IMC Mr Thanasis Spiliadis

Not available in 2000.

#### ANCIENT GREEK 3 IMD: intermediate D (20 CPs. Sem II. Bu.)

ANG3IMD Mr Thanasis Spiliadis

Not available in 2000.

#### Ancient Mediterranean Studies Professor Stathis Gauntlett

The Mediterranean basin has been a highly influential spawning-ground for diverse cultures, from antiquity to the present. A considerable number of subjects relating to Mediterranean antiquity are offered by various Schools within the Faculty. Students may pursue their interests in this field of antiquity, whether linguistic, historical, philosophical, religious, aesthetic, or literary and select from a large pool of approved subjects in order to achieve a major in ancient Mediterranean studies. Classics subjects devoted to mainstream Greece and Rome are not the sole offerings envisaged in this area of study. Although these form a major part, subjects on the ancient near-East, Judaism, Egypt and anything pre-medieval (for example, the Byzantine world) may be included. This area is administered by the Department of Hellenic Studies, which is also responsible for offering Ancient Greek.

#### Programs of study

Students may qualify for a degree with a major in ancient Mediterranean studies by completing at least 150 credit points from the schedule below, including the core subject indicated by the symbol <sup>1</sup>. At least 80 of the credit points must be taken at third-year level.

#### Important notice

Not all of the subjects listed below will be available every year. Full details of the individual subjects and their prerequisites are provided under the relevant discipline entry.

#### First-year subjects

15 credit points

Ancient Greek 1 AMG: ancient Mediterranean culture – the Greek achievement <sup>1</sup>

Ancient Greek 1 HHH: from Homer to Hollywood - the perennial Greek hero and heroine

Ancient Greek 1 OGS: the Olympic Games and Greek sport 776BC- AD 2004

Ancient Greek 1-1

Ancient Greek 1-2

Archaeology 1 A: introduction to archaeology

Archaeology 1 C: introduction to the archaeology of civilisations

Art History 1 A: the body in perspective: art and architecture from ancient Greece to the Renaissance

Art History 1 B: constructing the modern: the image and the self from Rembrandt to Warhol

Art History 1 C: reading pictures: icon, symbol and narrative in art

History 1 ACA: ancient civilisations A

History 1 ACB: ancient civilisations B

Latin 1-1

Latin 1-2

Philosophy 1 AP: astronomy and philosophy

Philosophy 1 BP: biology and philosophy

Second or third year subjects	20 credit points
Ancient Greek 2 IMA/3 IMA intermediate A	
Ancient Greek 2 IMB/3 IMB intermediate B	
Ancient Greek 2 IMC/3 IMC intermediate C	
Ancient Greek 2 IMD/3 IMD intermediate D	
Archaeology 2 AC/3 AC: ancient Cyprus	
Archaeology 2 OFP/3 OFP: origins of food production	
Art History 2 CH/3 CH: Greek art and archaeology of the classical period	
Art History 2 ECT/3 ECT: the early Christian tradition in East and West, c.312- c.1320	
Art History 2 GA/3 GA: Greek art and archaeology: Geometric and Archaic	
Art History 2 HAA/3 HAA: Hellenistic art and architecture	
Art History 2 RAA/3 RAA: Roman art and architecture	
English 2 TRC/3 TRC: tragedy and the classical world	
Linguistics 2 HL/3 HL: historical linguistics	
Philosophy 2 AR/3 AR: Aristotle	
Philosophy 2 PLM/3 PLM: Plato's metaphysics	
Religious Studies 2 AIA/3 AIA: ancient Israel A	
Religious Studies 2 AIB/3 AIB: ancient Israel B	
Religious Studies 2 EJ/3 EJ: early Jewish history and culture	

Third-year subjects	20 credit points
Art History 3 ARE: art and architecture in the Roman Empire till c. 312AD	
Art History 3 T: early Christian and medieval Rome, c.312-c.1308	

**Key:** 'Core subject.

## Anthropology

Anthropology is the study of humanity with a focus on cultural diversity. Using a range of theoretical perspectives and research methods from fieldwork and discourse analysis, anthropologists attempt to understand, appreciate and explain cultural differences and similarities. The ultimate intellectual aim is to develop a more informed and critical outlook on one's own culture and in the process achieve a better understanding of what it is that makes us human. While anthropologists are renowned for their studies of such exotic practices as witchcraft and cannibalism, they are today more interested in familiar and everyday issues such as gender inequality, ecology, the impact of globalisation, information technology and development, identity politics and childhood experiences. The subjects offered in the Department reflect this diversity of interests.

The Department offers a fourth year honours year and a postgraduate degree by research in anthropology.

## Programs of study

In the first year of study students are introduced to basic concepts in a range of topic areas and social processes. In second year students can select from a range of subjects covering topics such as gender, family, kinship and marriage, anthropological concepts and practice, aboriginal anthropology, ecology and society, comparative studies of other societies, theories of development, psychological anthropology, childhood and culture and others.

A major in anthropology consists of 150 credit points of anthropology subjects or subjects cross listed as equivalent to anthropology subjects (see list below). A major will include at least 30 credit points at first year level and at least 80 credit points at third year level of anthropology (or equivalent) subjects.

Students taking 150 or more credit points in anthropology, or wishing to proceed to honours, must complete:

- Anthropology 2MQA or Anthropology 3MQA and,
- Anthropology 2ACM or Anthropology 3ACM and,
- Anthropology 2ACI or Anthropology 3ACI.

Students who wish to satisfy the degree requirements by taking two sequences, at least one of which is anthropology, are required to take 110 credit points of anthropology including at least 40 credit points at third year level.

Students who wish to proceed to honours must have successfully completed at least 150 credit points in anthropology (or nominated equivalent subjects).

The following subjects have been renamed from sociology subjects to anthropology subjects to more accurately reflect their anthropological content. Subjects that have been so renamed are incompatible with similarly named sociology subjects that were previously offered. Students who completed these subjects when they were named as sociology subjects may have them counted as anthropology subjects for the purpose of constructing an anthropology major.

Old subject name (pre 1998)	New subject name (from 1999)
Sociology 1A	Anthropology 1A-1 (1999)
Anthropology 1AG (2000)	
Anthropology 1A-2 (1999)	Anthropology 1AJ (2000)
Sociology 2 AB/3 AB	Sociology ABS/3 ABS
Sociology 2 ACI/3 ACI	Sociology 2 ACM/3 ACM
Anthropology 2 AB/3 AB	Anthropology 2 ABS/3 ABS
Anthropology 2 ACI/3 ACI	Anthropology 2 ACM/3 ACM
Sociology 2 ASF/3 ASF	Anthropology 2 ASF/3 ASF
Sociology 2 GSA/3 GSA	Anthropology 2 GSA/3 GSA
Sociology 2 KM/3 KM	Sociology 2 MQA/3 MQA
Anthropology 2 KM/3 KM	Anthropology 2 MQA/2 MQA
Sociology 2 SYM/3 SYM	Anthropology 2 SYM/3 SYM
Sociology 2 TD/3 TD	Anthropology 2 TD/3 TD

## First year subjects 15 credit points

### Sem.

- 1 Anthropology 1 AJ: introduction to anthropology<sup>4</sup>
- 1 Asian Studies 1 ITA-B: introduction to Asia B: politics, society and culture
- 1 Sociology 1 SE: introduction to sociology: self and community
- 2 Anthropology 1 AG: introduction to anthropology<sup>4</sup>
- 2 Asian Studies 1 ITA-A: introduction to Asia A: politics, society and culture
- 2 Sociology 1 SL: introduction to sociology: Australia and beyond<sup>4</sup>

## Second or third year subjects 20 credit points

### Research methods subjects

- 2 Anthropology 2 MQA/3 MQA: introduction to ethnographic research

### Other subjects

- 1 Anthropology 2 AB/3 AB: Aboriginal Australia
- 1 Anthropology 2 ACI/3 ACI: current issues in anthropology<sup>2</sup>
- 1 Anthropology 2 CCS/3 CCS: childhood and culture<sup>1</sup>
- 1 Anthropology 2 CS/3 CS: cyberspace and society<sup>1</sup>
- 1 Anthropology 2 GSA/3 GSA: gender, sexuality and family: comparative perspectives<sup>2</sup>
- 1 Anthropology 2 PA/3 PA: psychological anthropology
- 1 Anthropology 2 SYM/3 SYM: symbols psyche and society
- 1 Politics 2 JP/3 JP: Japanese politics
- 1 Politics 2 SEA/3 SEA: boom and bust in Southeast Asia
- 1 Politics 2 UC/3 UC: cultural politics in the United States
- 2 Anthropology 2 ABS/3 ABS: Aborigines and the state
- 2 Anthropology 2 ACM/3 ACM: anthropological concepts and practice
- 2 Anthropology 2 ASF/3 ASF: anthropology and sociology on film<sup>3</sup>
- 2 Anthropology 2 BMC/3 BMC: body, mind and culture<sup>1</sup>
- 2 Anthropology 2 KM/3 KM: kinship and marriage
- 2 Anthropology 2 PCP/3 PCP: post colonial perspectives<sup>1</sup>
- 2 Anthropology 2 TD/3 TD: development, culture and society
- 2 Politics 2 CP/3 CP: Chinese politics

**Key:** <sup>1</sup>New subject, <sup>2</sup>Theory subject, <sup>3</sup>Not available in 2000, <sup>4</sup>New subject code.

## Subject descriptions

The anthropology subject descriptions are presented within the following groupings:

- First year subjects
- Research methods subjects: second and third years
- Other subjects: second and third years

## First year subjects

### ANTHROPOLOGY 1 AG: introduction to anthropology (15 CPs. Sem. II. Bu.) A1AG Dr Alberto Gomes

Anthropology is the study of different ways of life, with the aim of understanding what it means to be human. Students taking this subject are introduced to anthropology by focusing on such questions as: Why are there similarities and differences among peoples? Why do racism and sexism exist and how can we challenge them? Why do champagne and oysters complement a romantic meal? Why are some cultures violent and others peaceable? Why do we give presents at Christmas and Valentine's Day? How do capitalism and globalisation affect us? As well as developing an informed and critical outlook on their own social worlds, students will gain skills relevant in a multicultural and global setting. Students taking this subject are advised to combine it with Anthropology 1AJ.

**Incompatible subject:** S1A taught prior to 1999 and A1A-1 in 1999.

**Quota:** 400. Places to be allocated over enrolment period.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** two 1,500-word essays (30% each), one 2-hour multiple choice examination (30%), and tutorial participation (10%).

**ANTHROPOLOGY 1 AJ: introduction to anthropology (15 CPs. Sem. I. Bu.) A1AJ Dr John Morton**

Anthropology looks at different ways of life, as well as the similarities between them. In studying cultures from Australia and the rest of the world, students taking this subject develop an informed and critical outlook on their own lives and the lives of other people. They are exposed to the methods, theories and techniques of anthropology in order to achieve a critical understanding of key concepts like 'nature', 'society' and 'culture'. Students are also shown how to apply anthropological understanding to selected issues, including those concerning sex, health, kinship, religion, myth and education. Students taking this subject are advised to combine it with Anthropology 1AG.

*Incompatible subject:* S1A taught prior to 1999 and A1A-2 in 1999.

*Quota:* 400. Places to be allocated over enrolment period.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* two 1,500-word essays (30% each), one 2-hour multiple choice examination (30%), and tutorial participation (10%).

**ASIAN STUDIES 1 ITA-A: introduction to Asia A: politics, society and culture (15 CPs. Sem. II. Bu., Aw.) AS1ITAA Professor Robin Jeffrey and Professor John Fitzgerald**

*This subject qualifies as a first year anthropology subject.*

*See Asian Studies entry.*

**ASIAN STUDIES 1 ITA-B: introduction to Asia B: politics, society and culture (15 CPs. Sem. I. Bu., Aw.) AS1ITAB Professor Yoshio Sugimoto and Dr Angus McIntyre**

*This subject qualifies as a first year anthropology subject.*

*See Asian Studies entry.*

**SOCIOLOGY 1 SE: introduction to sociology: self and community (15 CPs. Sem. I. Bu.) S1SE Dr Evan Willis**

*This subject qualifies as a first year anthropology subject.*

*See Sociology entry.*

**SOCIOLOGY 1 SL: introduction to sociology: Australia and beyond (15 CPs. Sem. II. Bu.) S1SL Dr Beryl Langer**

*This subject qualifies as a first year anthropology subject.*

*See Sociology entry.*

**Research methods subjects: second and third year****ANTHROPOLOGY 2 MQA: introduction to ethnographic research (20 CPs. Sem. II. Bu.) A2MQA Dr Alberto Gomes**

Ethnography is social research, of relatively small scale, usually focused on a single setting or group. Data are collected through a range of techniques employed in fieldwork, but the emphasis is on participant observation and informal interviewing. Through class discussions and practical experience, students become familiar with these techniques. For practical work, students formulate and conduct their own field project aimed to provide a context for the application of ethnographic skills and methods. The subject follows a normal ethnographic research process, beginning with choosing a research topic, entering the field, experiencing fieldwork and finally writing a report.

*Prerequisite:* 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or enrolment in an Aboriginal studies major.

*Incompatible subject:* S2MQA/S3MQA.

*Class requirements:* one 2-hour lecture and one 1-hour group discussion per week.

*Assessment:* one 1,500-word research proposal (20%), weekly class assignments (10%), class participation (10%), and one 4,000-word ethnographic paper (60%). Regular attendance at classes and submission of all written work is a requirement of the subject, without which a pass cannot be awarded.

**Prescribed reading:**

Bernard, R. *Research methods in anthropology*, Sage 1994.

**ANTHROPOLOGY 3 MQA: introduction to ethnographic research (20 CPs. Sem. II. Bu.) A3MQA Dr Alberto Gomes**

*See A2MQA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**Other subjects: second and third year****ANTHROPOLOGY 2 AB: Aboriginal Australia (20 CPs. Sem. I. Bu.) A2AB Dr Grayson Gerrard**

Aboriginal Australia has twin aims. The first is to acquaint students with the basic features of pre-colonial Aboriginal culture and the second is to examine how we know what we do about the Aboriginal past. Students will gain an understanding of the Dreaming, of

Aboriginal kinship, politics, connections to land, gender relations and socialisation. They also examine the ways in which our interpretation of Aboriginal culture is and has always been, fluid in the sense of being a repository for current beliefs about ourselves and the Other. The theme of the latter part of the subject is the relationship between the past and the present.

*Prerequisite:* 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or enrolment in an Aboriginal studies, Pacific studies or Australian studies major, or subject coordinator's approval.

*Incompatible subject:* S2AB/S3AB.

*Class requirements:* one 3-hour lecture or seminar per week.

*Assessment:* one 3,000-word essay (45%), one 500-word essay plan (10%), one take-home examination (30%), and seminar participation (15%).

**Prescribed reading:**

Beckett, J. R. (ed.), *Past and present: the construction of Aboriginality*, Aboriginal Studies Press 1988.

Edwards, W. H. *An introduction to Aboriginal societies*, Social Science Press 1988.

**ANTHROPOLOGY 2 ABS: Aborigines and the state (20 CPs. Sem. II. Bu.) A2ABS Dr Grayson Gerrard**

Examines the relationship between Australia's population and the nation state in which that population is now embedded. It examines the ways in which the state has attempted to construct Aboriginality and to regulate the interaction between indigenous and non-indigenous. The nature of indigenous/state relations in contemporary Australia is our focus and these relations are examined across a number of major dimensions using case studies of topical and recent issues. We explore concepts of race, culture and self-determination and the ways in which these concepts continue to 'construct' Aboriginality in today's Australia.

*Prerequisite:* 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or politics, or enrolment in an Aboriginal or Pacific studies sequence.

*Incompatible subject:* S2ABS/S3ABS.

*Class requirements:* one 3-hour lecture or seminar per week.

*Assessment:* one 3,000-word essay (45%), one 500-word essay plan (10%), one take-home examination (30%), and seminar participation (15%).

**Prescribed reading:**

Beckett, J. (ed.), 'Aborigines and the state in Australia', special edn of *Social analysis*, no. 24, 1988.

Howard, M. C. (ed.) *Aboriginal power in Australian society*, University of Queensland Press 1982.

**ANTHROPOLOGY 2 ACI: current issues in anthropology (20 CPs. Sem. I. Bu.) A2ACI Dr Chris Eipper**

What is the state of play in anthropology today? What are the possibilities? This subject introduces students to topics and themes of importance in contemporary ethnographic debate. A key objective is the consolidation of what has already been learnt in other subjects (including first year and, ideally, anthropological concepts and practice) so as to provide a thorough grounding which will be beneficial to those undertaking further study in anthropology.

*Prerequisite:* 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

*Incompatible subject:* S2ACP prior to 1995, and S2ACI/S3ACI.

*Class requirements:* one 3-hour lecture or seminar per week.

*Assessment:* one 3,000-word essay (50%), one 2-hour examination (40%), and class participation (10%).

**Preliminary reading:**

Clifford, J. and Marcus, G. (eds) *Writing culture*, any edn, Harvard UP.

Jackson, M. *Paths toward a clearing*, any edn, Indiana UP.

Myers, F. *Pintupi country, Pintupi self*, any edn, Smithsonian IP.

**ANTHROPOLOGY 2 ACM: anthropological concepts and practice (20 CPs. Sem. II. Bu.) A2ACM Dr Evie Katz**

The emergence of anthropology as the study of human societies and cultures is examined. The focus is on the development of cultural anthropology in the 20th century, a field that sets itself the task of interpreting the ideas, meanings and world views of non-Western people. At the same time as studying this particular stream within the discipline, we examine the role of this particular intellectual project in modern Western thought, as well as criticisms that have been made of it.

*Prerequisite:* 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

*Incompatible subject:* S2ACP prior to 1995, and S2ACM/S3ACM.

**Class requirements:** one 3-hour lecture or seminar per week.

**Assessment:** one 3,000-word essay (50%), one 2-hour examination (40%), and seminar participation (10%).

**Preliminary reading:**

Keesing, R. *Cultural anthropology: a contemporary perspective*, Holt, Rinehart and Winston 1981 (particularly recommended for students who have not completed a first year anthropology subject.)

**ANTHROPOLOGY 2 ASF: anthropology and sociology on film (20 CPs. Sem. II. Bu.) A2ASF Dr Lorraine Mortimer.**

Not available in 2000.

**ANTHROPOLOGY 2 BMC: body, mind and culture (20 CPs. Sem. II. Bu.) A2BMC Dr Michele Stephen**

Current approaches, sociological, cultural and psychoanalytic, to the following questions will be examined in the light of Melanie Klein's theory of fantasy and primal desire. Why is body substance, along with concepts of pollution and purity, of such concern in human cultures? Why do fears of sorcery and witchcraft exist in many human cultures? Why is gift exchange and reciprocity an important dynamic? Why is second burial a widespread phenomena? Why are male initiation rituals prominent in societies studied by anthropologists? Why in most human cultures are women dominated by men? And why have women accepted male domination?

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture or workshop per week.

**Assessment:** one 3,000-word essay (50%), one 2,000-word take-home examination (40%), and tutorial participation (10%).

**Prescribed reading:**

Klein, M. *Love, guilt and reparation: and other works 1921-1945*, Virago Press 1988.

Klein, M. *Envy and gratitude and other works 1946-1963*, Virago Press 1993.

**ANTHROPOLOGY 2 CCS: childhood and culture (20 CPs. Sem. I. Bu.) A2CCS Dr Helen Morton**

Studying childhood is an important means of understanding culture and society. In this subject students examine the ways anthropologists and sociologists have studied childhood and how their theories and methods have been influenced by work in other fields such as psychology and linguistics. Students are introduced to recent approaches which emphasise the active role children play in their own social development. Topics central to the study of childhood are explored, such as birthing practices, child survival, identity construction, gender development and child abuse.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** one 3,000-word essay (45%), one 1,500-word essay (30%), one literature review (equivalent of 500 words) (15%), and seminar participation (10%)

**Preliminary reading:**

Morton, H. *Becoming Tongan: an ethnography of childhood*, University of Hawaii Press 1996.

Stephens, S. *Children and the politics of culture*, Princeton University Press 1995.

**ANTHROPOLOGY 2 CS: cyberspace and society (20 CPs. Sem. I. Bu.) A2CS Dr Evie Katz & Dr Wendy Mee**

How do new forms of virtual identity and virtual community challenge our understanding of identity and community? What role do new computer technologies play in social change (such as the use of the Internet by fundamentalist groups and political movements)? What is meant by the 'Information Society', and is it hype or hope? To what extent do humans differ from computers, androids and robots? New digital technologies challenge fundamental concepts of both anthropology and sociology such as, 'self', 'community', 'citizen', 'human nature', 'culture' and 'society'. In this subject students examine the relationship between social processes such as globalisation, information technology and culture.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture or workshop per week.

**Assessment:** one 1,500-word book review (30%), one 3,500-word research project (60%), and class participation (10%).

**Preliminary reading:**

Dery, M. (ed.) *Flame wars: the discourse of cyberculture*, Duke University Press 1994.

Dick, P. K. *Do Androids dream of electric sheep*, Grafton Books 1972.

**ANTHROPOLOGY 2 GSA: gender, sexuality and family: comparative perspectives (20 CPs. Sem. I. Bu.) A2GSA Dr Grayson Gerrard**

This subject examines cross-cultural (and to a lesser extent historical) differences and similarities in the nature of the family, the social construction of sexuality and the social construction of masculinity and femininity. The perspectives taken are predominantly anthropological, but the subject also draws on sociology, history and feminist theory. By exploring gender, sexuality and the family cross-culturally, we are able to explore the much wider questions of the relationship between the individual and society and between biology and culture.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Incompatible subject:** S2GSA/S3GSA.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** one 1,000-word literature review (25%), one 1,500-word journal (25%) one 2,500-word essay (40%), and seminar participation (10%).

**Recommended reading:**

Caplan, P. (ed.) *The cultural construction of sexuality*, Tavistock 1987.

Gittins, D. *The family in question*, Macmillan 1985.

Ortner, S. and Whitehead, H. (eds) *Sexual meanings: the cultural construction of gender and sexuality*, Cambridge UP 1981.

**ANTHROPOLOGY 2 KM: kinship and marriage (20 CPs. Sem. II. Bu.) A2KM Dr Helen Morton**

Anthropologists have long been fascinated by kinship and marriage, which are central to human social organisation. In this subject we look at how anthropological approaches to these forms of relationships have changed over time and critically assess recent work in this field. We examine the role and significance of kinship and marriage in many different societies, looking at issues such as gender and power, identity and emotion, social change and family violence. The future of kinship and marriage will also be considered, in the light of continuing social change and the development of new reproductive technologies.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Incompatible subject:** S2KM/S3KM.

**Class requirements:** one 2-hour lecture and one 1-hour seminar per week.

**Assessment:** one 3,000-word essay (50%), and one 3-hour short-answer examination (50%).

**Prescribed reading:**

Keesing, R. *Kin groups and social structure*, Holt Rinehart and Winston any edn.

**ANTHROPOLOGY 2 PA: psychological anthropology (20 CPs. Sem. I. Bu.) A2PA Dr Michele Stephen**

This is an introduction to basic concepts in psychological anthropology, showing the development from early concerns with 'culture and personality', through various psychoanalytic approaches to myth, magic and religion, to current concerns with cultural psychology, dreams and altered states of consciousness, the cultural construction of emotions, the nature of the 'self' cross-culturally and cognition and culture. Discussion also focuses on the relevance of psychoanalytic theories and other universalising theories about the human mind, to current anthropological thinking and post-modernism in general.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture/workshop per week.

**Assessment:** one 3,000-word essay (50%), one take-home examination (40%), and tutorial participation (10%)

**Preliminary reading:**

Bock, P. K. *Rethinking psychological anthropology: continuity and change in the study of human action*, W. H. Freeman 1988.

Ingham, M. *Psychological anthropology reconsidered*, Cambridge UP 1996.

**ANTHROPOLOGY 2 PCP: post colonial perspectives (20 CPs. Sem. II. Bu.) A2PCP Dr Helen Morton**

What was the impact of colonisation on people's everyday lives? In areas such as family life, gender relations, social organisation and economic activity, what changes occurred and in what ways did people resist change? In this subject students look at how, in today's 'postcolonial' world, societies with varying degrees of political independence are dealing with these many effects of colonisation. Students are introduced to the theories that have emerged in anthropology to address 'post-colonialism'. A particular focus of the



subject is our neighbouring South Pacific, with its diverse experiences of colonialism and its aftermaths.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.  
**Assessment:** one 3,000-word essay (45%), one 1,500-word essay (30%), one literature review (equivalent of 500 words) (15%), and seminar participation (10%)

**Preliminary reading:**

Jolly, M. and Macintyre, M. (eds.) *Family and gender in the Pacific: domestic contradictions and the colonial impact*, Cambridge UP 1989.  
 Thomas, N. *Colonialism's culture: anthropology, travel and government*, Melbourne University Press 1994.

**ANTHROPOLOGY 2 SYM: symbols, psyche and society (20 CPs. Sem. I. Bu.) A2SYM Dr Michele Stephen**

Broadly speaking, symbolic anthropology can be viewed as the study of human culture and some of the major issues in anthropological views of culture as a symbolic system are examined. A number of theoretical and substantive issues are discussed in relation to specific ethnographic examples. These issues include the nature of meaning, the relationship between ideas, representations and material reality, the possibility of universal forms of symbolism, the mind as a social product and the role of the unconscious. For the most part these issues are discussed with reference to intellectual traditions stemming from Durkheim, Marx, Weber, Freud and Jung.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 3-hour lecture/workshop per week.  
**Assessment:** one 3,000-word essay (50%), one take-home examination (40%), and tutorial participation (10%)

**Recommended reading:**

Dolgin, J. L., Kemnitzer, D. S. and Schneider, D. M. (eds) *Symbolic anthropology: a reader in the study of symbols and meanings*, Cambridge UP 1977.  
 Firth, R. *Symbols: public and private*, George Allen and Unwin 1973.  
 Obeyesekere, G. *The work of culture, symbolic transformations in psychoanalysis and anthropology*, Cambridge UP 1990

**ANTHROPOLOGY 2 TD: development, culture and society (20 CPs. Sem. II. Bu.) A2TD Dr Wendy Mee**

Students are introduced to central themes in the anthropological and sociological study of development. Students are asked to assess the impact of a number of different development strategies, such as industrialisation, agrarian modernisation and tourism, through an examination of case studies drawn from the Asia-Pacific region. In particular, lectures and class discussions focus on neo-Marxist, feminist and environmental critiques of development.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or enrolment in a development studies major.

**Incompatible subject:** S2TD/S2TD.

**Class requirements:** one 3-hour lecture or seminar per week.  
**Assessment:** one 3,000-word essay (50%), and one 2-hour test (50%).

**ANTHROPOLOGY 3 AB: Aboriginal Australia (20 CPs. Sem. I. Bu.) A3AB Dr Grayson Gerrard**

*See A2AB for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 ABS: Aborigines and the state (20 CPs. Sem. II. Bu.) A3ABS Dr Grayson Gerrard**

*See A2ABS for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 ACI: current issues in anthropology (20 CPs. Sem. I. Bu.) A3ACI Dr Chris Eipper**

*See A2ACI for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 ACM: anthropological concepts and practice (20 CPs. Sem. II. Bu.) A3ACM Dr Evie Katz**

*See A2ACM for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 ASF: anthropology and sociology on film (20 CPs. Sem. II. Bu.) A3ASF Dr Lorraine Mortimer**

*Not available in 2000.*

**ANTHROPOLOGY 3 BMC: body, mind and culture (20 CPs. Sem. II. Bu.) A3BMC Dr Michele Stephen**

*See A2BMC for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 CCS: childhood and culture (20 CPs. Sem. I. Bu.) A3CCS Dr Helen Morton**

*See A2CCS for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 CS: cyberspace and society (20 CPs. Sem. I. Bu.) A3CS Dr Evie Katz and Dr Wendy Mee**

*See A2CS for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 GSA: gender, sexuality and family: comparative perspectives (20 CPs. Sem. I. Bu.) A3GSA Dr Grayson Gerrard**

*See A2GSA for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 KM: kinship and marriage (20 CPs. Sem. II. Bu.) A3KM Dr Helen Morton**

*See A2KM for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 PA: psychological anthropology (20 CPs. Sem. I. Bu.) A3PA Dr Michele Stephen**

*See A2PA for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 PCP: post colonial perspectives (20 CPs. Sem. II. Bu.) A3PCP Dr Helen Morton**

*See A2PCP for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 SYM: symbols, psyche and society (20 CPs. Sem. I. Bu.) A3SYM Dr Michele Stephen**

*See A2SYM for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ANTHROPOLOGY 3 TD: development, culture and society (20 CPs. Sem. II. Bu.) A3TD Dr Wendy Mee**

*See A2TD for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**Archaeology Professor Tim Murray**

The Department of Archaeology is a world-renowned centre of research into the archaeological past. Subjects are directed towards providing an understanding of the past, using both archaeological and other evidence. Emphasis is given to the evolution of modern people and their social and technical developments, particularly those of the Australasian and Pacific regions. In all subjects, attention is given to the techniques and theories which contribute to the study of archaeology.

A number of subjects outside the discipline are particularly suitable for study in conjunction with archaeology. These subjects may be, but are not normally, credited towards an archaeology major. A number of archaeological excavations are held during the year in which students are encouraged to participate. Excursions to archaeological sites are arranged. They may be compulsory and involve some additional expenditure.



## Historical Archaeology and History: combined studies

See this entry later in this chapter.

### Programs of study

Students who wish to qualify for a degree with a major in archaeology must take at least 150 credit points of archaeology which must include the equivalent of 30 credit points at first-year level in archaeology and 80 credit points at third-year level.

Students who wish to satisfy the degree requirements by taking two sequences, one of which is in archaeology, are required to take 110 credit points in archaeology including at least 40 credit points at third-year level.

### First-year subjects 15 credit points

- Sem. 1
- 1 Archaeology 1 A: discovering archaeology
  - 2 Archaeology 1 B: excavating Australia
  - 2 Archaeology 1 C: the archaeology of ancient civilisations

### Second-year subjects 20 credit points

- 1 Archaeology 2 AMW: archaeology of the modern world
- 2 Archaeology 2 HN: research techniques<sup>2</sup>

### Second and third-year subjects 20 credit points

- 1 Archaeology 2 HPS/3 HPS: history, philosophy and sociology of archaeology
- 1 Archaeology 2 PA/3 PA: Palaeolithic archaeology
- 1 Archaeology 2 PGA/3 PGA: prehistory of greater Australia
- 1 Archaeology 2 SFA-S/3 SFA-S: skills in field archaeology
- 2 Archaeology 2 AC/3 AC: ancient Cyprus<sup>1</sup>
- 2 Archaeology 2 ALP/3 ALP: Australia in later prehistory
- 2 Archaeology 2 AME/3 AME: archaeology of the Middle East
- 2 Archaeology 2 ASC/3 ASC: the archaeology of social complexity
- 2 Archaeology 2 DH/3 DH: the dawn of humanity
- 2 Archaeology 2 ECC/3 ECC: emergence of Chinese civilisation
- 2 Archaeology 2 OFP/3 OFP: origins of food production
- 2 Archaeology 2 SAA/3 SAA: archaeology of South America: the central Andes
- 2 Archaeology 2 SFA/3 SFA: skills in field archaeology

### Third-year subjects 20 credit points

- 1 Archaeology 3 HA: historical archaeology
- 1 Archaeology 3 HNF: honours in fieldwork<sup>2</sup>
- 1 Archaeology 3 RCA: individual reading course
- 2 Archaeology 3 BP: the biology of human populations
- 2 Archaeology 3 HNM: honours in materials analysis<sup>2</sup>
- 2 Archaeology 3 RCB: individual reading course

### Compatible subjects from other Schools

The following subjects are particularly suitable for study in conjunction with archaeology. They are not normally credited towards an archaeology major.

### Important notice

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and Semester of offer.

### First-year subjects 15 credit points

- Anthropology 1AG
- Anthropology 1AJ
- Biology 11EB: environmental biology<sup>3</sup>
- Geology 11DYN: the dynamic Earth<sup>3</sup>
- Geology 12ERS: Earth environments and resources<sup>3</sup>
- Linguistics 1NL-A: the nature of language A

### Second and third-year subjects 20 credit points

- Anthropology 2 MQA/3 MQA: introduction to ethnographic research
- History 2 ASA/3 ASA: Aborigines and Europeans in south-east Australia
- Linguistics 2 AB/3 AB: Aboriginal languages
- Linguistics 2 HL/3 HL: historical linguistics

**Key:** <sup>1</sup>Not available in 2000. <sup>2</sup>Special prerequisites. See the subject description. <sup>3</sup>Taught in the Faculty of Science, Technology and Engineering.

### Honours

The honours degree requires intensive study of the discipline at second, third and fourth years. To enter the fourth year, a student is normally expected to have completed at least 150 credit points of archaeology, including the equivalent of 30 credit points at first year level in archaeology, Archaeology 2 HN and at least 80 credit points in third year (including Archaeology 3 HNF and Archaeology 3 HNM) A high level of performance in all archaeology subjects is required.

### ARCHAEOLOGY 1 A: discovering archaeology (15 CPs. Sem. I. Bu.) AR1A Dr Richard Cosgrove

In this subject students are provided with an introduction to the study of past human societies using archaeological theories, methods and

techniques. Case studies are used to illustrate the evidence that archaeologists have to work with and the range of information that can be generated about past human societies using this evidence. Alternative approaches to the study of archaeological data are discussed. The case studies provide an overview of the course of human physical and cultural evolution, providing insights into the earliest human ancestors, ancient hunting and gathering communities, the first farming societies, early state and urban complexes, recent historical periods and our own region of Australasia. **Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,000-word essay (20%), one 1,000-word essay (30%), eight assignments (20%), and one 2-hour examination (30%).

### Prescribed reading:

Fagan, B. M. *People of the earth*, 9th edn, Longman 1998.  
Renfrew, C. and Bahn, P. *Archaeology*, 2nd edn, Thames and Hudson 1996.

### ARCHAEOLOGY 1B: excavating Australia (15 CPs. Sem. II. Bu.) AR1B Dr David Frankel

In this subject archaeological excavations and other evidence will be used to explore a wide range of topics from the time of the first arrival of people in Australia some 40,000 years ago through to the recent industrial age. Ancient sites, artefacts and art demonstrate the complex history of indigenous adaptations to varied and changing environments. Culture contact between settlers and indigenous people can be examined by exploring missions and other sites. Shipwrecks, homesteads, mines and industrial sites complement documentary sources to give a different perspective on the last two centuries of Australian history.

**Class requirements:** one 1-hour lecture, one 1-hour film and one 1-hour tutorial per week

**Assessment:** one 2,000-word essay (50%), and one 2-hour examination (50%).

### Preliminary reading:

Flood, J. *Archaeology of the Dreamtime*, Angus and Robertson 1995.

### Recommended reading:

Frankel, D. *Remains to be seen*, Longman Cheshire 1991.  
Mulvaney, D. J. *Encounters in place: outsiders and Aboriginal Australians 1606-1985*, University of Queensland Press 1989.  
Connah, G. *The archaeology of Australia's history*, Cambridge University Press 1988.

### ARCHAEOLOGY 1C: the archaeology of ancient civilisations (15 CPs. Sem. II. Bu.) AR1C

During the Renaissance, Western artists looked to their Greek and Roman antecedents for inspiration and in so doing, rediscovered the rich material remains of these earliest Western civilisations. With the growth of the discipline in the 19th century, archaeologists broadened their horizons, some in search of booty with which to stock the new museums of industrial Europe, others concerned to test the veracity of the biblical account and a growing number concerned to explore the common features and origins of the urban civilisations. This subject provides a historical account of the history of this early research, together with a review of contemporary modes of explanation. It surveys the elaborate variety of complex human societies that have arisen in the last 6,000 years, including Egypt, Indus Valley, South West Asia, China, the Aegean and Western Europe, the Aztecs and the Maya of Mexico, the Inca of Peru, North America and the Pacific.

**Class requirements:** one 1-hour lecture, one 1-hour film and one 1-hour tutorial per week.

**Assessment:** one 1,500-word essay (20%), four assignments (40%), one 2-hour examination (30%), and tutorial performance and reading (10%).

### ARCHAEOLOGY 2 AC: ancient Cyprus (20 CPs. Sem. II. Bu.) AR2AC Dr David Frankel

Not available in 2000.

### ARCHAEOLOGY 2 ALP: Australia in later prehistory (20 CPs. Sem. II. Bu.) AR2ALP Dr David Frankel

This subject concentrates on developments in Australia during the Holocene, following on from topics covered in Archaeology 2 PGA/3 PGA. Taking a regional perspective, students examine the evidence and ideas about the prehistory of different parts of the continent, with particular reference to south-east Australia. In each case, historical and ethnographic evidence provide the basis for understanding Aboriginal society and economy at the time of European contact. Differences through time are examined through archaeological data and consideration is given to how these very recent systems developed. Conflicting explanations for prehistoric change which stress environmental, social, technological and demographic factors

are examined in the light of available archaeological evidence.

**Prerequisite:** 30 credit points of first-year archaeology or Head of Department's approval.

**Class requirements:** one 1-hour lecture per week and one 2-hour workshop per week.

**Assessment:** one 2,500-word essay (50%), one assignment (35%), and one 1-hour examination (15%).

**Preliminary reading:**

Flood, J. *Archaeology of the Dreamtime*, revised edn, Collins 1989.

**Prescribed reading:**

Frankel, D. *Remains to be seen*, Longman Cheshire 1991.

Mulvaney, D. J. and Kamminga, J. *Prehistory of Australia*, Allen and Unwin 1999.

**ARCHAEOLOGY 2 AME: archaeology of the Middle East (20 CPs.**

**Sem. II Bu.) AR2AME Dr Phillip Edwards**

In this subject we trace fundamental innovations in the human career which were played out in the Middle East. The region was the cradle of crucial developments from the evolution of modern humans, to the earliest farming societies and literate civilisations. Focusing on South-west Asia, the subject continues to investigate its archaeology from the Bronze and Iron Ages to the period of western ascendancy in the Hellenistic to Byzantine periods, concluding with the arrival of the Crusaders in the region. Political conditions, international rivalry and the massive size of many archaeological sites all played their parts in producing a distinctive brand of Middle Eastern archaeology.

**Prerequisite:** 30 credit points of first year archaeology or Head of Department's approval.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** two 1,500-word essays (50%), four assignments (20%), and one 1-hour examination (30%).

**Preliminary reading:**

Levy, T. E. (ed.) *The archaeology of society in the Holy Land*, Leicester University Press 1998

Meyers, E. M. (ed.) *The Oxford Encyclopaedia of Archaeology in the Near East*, Oxford University Press 1996.

Postgate, J. N. *Early Mesopotamia: society and economy at the dawn of history*, Routledge 1992.

**ARCHAEOLOGY 2 AMW: archaeology of the modern world (20 CPs.**

**Sem. I. Bu.) AR2AMW Dr Susan Lawrence**

This subject is intended to provide students with both a theoretical and a methodological introduction to the archaeology of European expansion. Topics addressed in the lectures include theoretical issues in the development of historical archaeology as an area of research, colonialism, gender, ethnicity, indigenous historical archaeology, urbanisation, maritime archaeology, material culture studies and cultural resource management. Supplementary reading in each of these areas is provided and class participation is encouraged.

**Prerequisite:** 30 credit points of first-year archaeology or Head of Department's approval.

**Class requirements:** one 1-hour lecture and one 2-hour laboratory session per week.

**Assessment:** one 2,500-word essay (40%), one 1,500-word laboratory report (35%), and one 1,000-word assignment (25%).

**Preliminary reading:**

Deetz, J. *In small things forgotten*. Anchor Press/Doubleday 1996.

**Prescribed reading:**

Connah, G. *The archaeology of Australia's history*, Cambridge UP 1993.

Miller, et al. *Approaches to material culture: research for historical archaeology*, Society for Historical Archaeology 1991.

Orser, C and Fagan, B. *Historical archaeology*, Harper Collins College Publishers 1995.

Spector, J. *What this awl means: feminist archaeology at a Wahpeton Dakota village*, Minnesota Historical Society Press 1993.

**ARCHAEOLOGY 2 ASC: the archaeology of social complexity (20**

**CPs. Sem. II. Bu.) AR2ASC Dr Li Liu**

This subject introduces students to the principles and the database of the archaeological investigation of social complexity. Although archaeologists have long been concerned with writing the histories and prehistories of the 'great' civilisations, in recent years they have begun to focus their attention on detailed analyses of the prerequisites and conditions for the rise, maintenance and/or collapse of social formations more complex than those found among 'hunter-gatherers'. Attention is paid to issues such as trade, exchange, production, redistribution, kinship systems, settlement patterns and power acquisition. These issues will be explored against a broad

database drawn from India-Pakistan, Mesopotamia, China, Mesoamerica, South America, Melanesia-Polynesia, the Mediterranean, northern Europe and the mid-west and south-west of the USA.

**Prerequisite:** 30 credit points of first-year archaeology.

**Class requirements:** one 1-hour lecture and one 2-hour discussion per week.

**Assessment:** one 3,500-word essay (65%), one, 1,500-word sequence assignment (25%), and tutorial participation and reading (10%).

**ARCHAEOLOGY 2 DH: the dawn of humanity (20 CPs. Sem. II. Bu.)**

**AR2DH Dr Nicola Stern**

Early human ancestors evolved in Africa more than five million years ago, but it was not until 2.5 million years ago that one or more of them began to litter the landscape with stone tools and broken-up animal bones. These early litter-bugs provide archaeologists with the opportunity to reconstruct critical aspects of their behaviour.

However, the task of reconstructing the behaviour of a long-extinct ancestor presents quite a challenge to archaeological methods and theories. In this subject students examine the ways in which archaeologists have risen to that challenge, from the search for the earliest traces of proto-human activities to the methods and theories employed to reconstruct behaviour from clusters of stone and bone that survive the ravages of time. Ongoing debates about the role of stone tools and of meat-eating and hunting in human evolution are critically reviewed.

**Prerequisite:** 30 credit points of first-year archaeology or Head of Department's approval.

**Class requirements:** one 1-hour lecture and one 2-hour discussion or laboratory class per week.

**Assessment:** one, 3,000-word essay (50%), and two assignments based on the multi-media CD-ROM (50%).

**Prescribed reading:**

Sept, J. M. *Investigating Olduvai*, Indiana University Press 1997 (CD-ROM).

**ARCHAEOLOGY 2 ECC: emergence of Chinese civilisation (20 CPs.**

**Sem. II. Bu.) AR2ECC Dr Li Liu**

In this subject students are introduced to the process of cultural evolution from the first Palaeolithic communities (before 600,000 years ago to the first empire, the Qin dynasty (221-206 BC) in China. By examining archaeological remains, ancient inscriptions and traditional texts, five major topics will be discussed: the origins of modern humans, the origins of agriculture, the development of social stratification in early complex societies, the emergence of civilisations and the transformation from early states to the first empire. Particular attention is paid to two issues, the interplay between material technology and the acquisition and maintenance of power and cultural interactions within China, and between China and other parts of the world.

**Prerequisite:** AR1A and AR1C.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (30%), one 3,000-word assignment (60%), tutorial participation (5%), and one map quiz (5%).

**Preliminary reading:**

Barnes, G. L. *China, Korea and Japan: the rise of civilisation in East Asia*, Thames and Hudson 1993.

Chang, K-C. *Shang civilisation*, Yale University Press 1980.

Chang, K-C. *Art, myth and ritual: the path to political authority in ancient China*, Harvard University Press 1983.

Chang, K-C. *Archaeology of ancient China*, Yale University 1986.

Hsu, C. and Linduff, K. M., *Western Chou civilisation*, Yale University Press 1988.

Keightley, D (ed.) *The origins of Chinese civilisation*, University of California Press 1983.

Li, X. (Translated by K. C. Chang) *Eastern Zhou and Qin civilisations*, Yale University Press 1985.

Murowchick, R., *China: ancient culture, modern land*, University of Oklahoma Press 1995.

So, J. F. and Bunker, E. C., *Traders and raiders on China's northern frontier*, Arthur M. Sackler gallery, Smithsonian Institution 1995.

Wu, H., *Monumentality: in early Chinese art and architecture*, Stanford University Press 1995.

**ARCHAEOLOGY 2 HN: research techniques (20 CPs. Sem. II. Bu.)**

**AR2HN Dr Nicola Stern**

This subject introduces the fundamental principles of archaeological research, focusing on the identification and interpretation of stone artefacts. Theoretical principles relating to the analysis and interpretation of these data are discussed, along with methodological issues and analytical procedures. Specific topics include functionalist and

idealist approaches to the interpretation of artefact assemblages, the history of stone technology, features of stone artefacts, data base design and manipulation and descriptive statistics.

**Prerequisite:** this subject is intended for prospective honours candidates and requires the Head of Department's approval.

**Class requirements:** thirteen 3-hour sessions.

**Assessment:** laboratory exercises (25%), one 500-word assignment (25%), and one 3,000-word research report (50%).

**ARCHAEOLOGY 2 HPS: history, philosophy and sociology of archaeology (20 CPs. Sem. I. Bu.) AR2HPS** Professor Tim Murray  
Students are introduced to the history, philosophy and sociology of archaeology. In recent years, research into these areas, conducted in terms of the sociology of knowledge and older 'history of ideas' perspectives, has increased largely as a result of a widespread turn towards critical self-reflection. The subject, through the use of primary texts, focuses on archaeological method, theory and epistemology as they have changed and developed over the past 150 years. Particular attention is paid to the social context of archaeological knowledge.

**Prerequisite:** 30 credit points of first-year archaeology or Head of Department's approval.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** one 4,000-word essay (70%), one 1,000-word assignment (20%), and tutorial participation (10%).

**Preliminary reading:**

Trigger, B. *A history of archaeological thought*, Cambridge UP 1989.

**Prescribed reading:**

Gaarder, J. *Sophie's world*, Phoenix 1996.

**ARCHAEOLOGY 2 OFP: origins of food production (20 CPs. Sem. II. Bu.) AR2OFP** Dr Phillip Edwards

The shift from hunting and gathering to farming at the close of the Pleistocene period has remained an area of intense interest in archaeology since first clearly explicated by Gordon Childe over half a century ago. The subject traces the evidence for this fundamental subsistence change and for allied shifts in settlement types and social structures. A historical treatment is accorded the growth of ideas on the subject. Particular attention is paid to problems of differentiating the material residues of farmers from those of foragers and collectors. Developments are placed in global perspective by considering the advent of food production in such widely-spaced regions as Europe, south-west Asia, Africa, China, Pakistan, south-east Asia, New Guinea, Mesoamerica and South America.

**Prerequisite:** 30 credit points of first-year archaeology.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** two 1,500-word essays (50%), four short assignments (20%), and one 2-hour examination (30%).

**Recommended reading:**

Davis, S. M. *The archaeology of animals* Yale UP 1987.

Harris, D. R. (ed.) *The origins and spread of agriculture and pastoralism in Eurasia*, UCL Press 1996.

Smith, B. D. *The emergence of agriculture*, W. H. Freeman 1995.

**ARCHAEOLOGY 2 PA: Palaeolithic archaeology (20 CPs. Sem. I. Bu.) AR2PA** Dr Nicola Stern

This subject outlines the sequence of events that makes up the story of human evolution and discusses current understanding of the dynamics underlying that evolutionary story. Its purpose is to discuss the evolution of those behaviour patterns that distinguish modern humans from their closest living relatives and their ancestors. The topics discussed include the earliest archaeological traces, the expansion of the biogeographic range and the establishment of modern human behaviour patterns.

**Prerequisite:** 30 credit points of first-year archaeology or equivalent.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** one 3,000-word essay (50%), workshop participation and laboratory exercises (25%), one 1-hour examination (25%).

**Prescribed reading:**

Gamble, C. *Timewalkers*, Harvard University Press 1994.

Lewin, R. *The principles of human evolution*, Blackwells 1998.

**ARCHAEOLOGY 2 PGA: prehistory of greater Australia (20 CPs. Sem. I. Bu.) AR2PGA** Dr Richard Cosgrove

At the end of the Pleistocene period, climates grew warmer and sea-water released from the polar ice caps rose. This sea-level rise separated Tasmania and Papua New Guinea from the Australian mainland. Before this event, these land masses formed the single

area of Greater Australia and it was on this larger continent that at least 75% of Aboriginal history unfolded. This subject examines some of the great themes of this distant human history, such as colonisation, adaptation and hunter-gatherer social and economic life. It demonstrates how Pleistocene research in this region is contributing to our knowledge of Pleistocene humans at a world level.

**Prerequisite:** AR1A or Head of Department's approval.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** one 3,000-word essay (35%), three 400-word workshop reports (45%), and an examination (20%).

**Preliminary reading:**

Smith, M. A., Spriggs, M. and Fankhauser, B. *Sahul in review: Pleistocene archaeology in Australia*, New White, J. P. and O'Connell, J. F. *A prehistory of Australia, New Guinea and Sahul*, Academic Press 1982.

**Prescribed reading:**

Flood, J. *Archaeology of the Dreamtime*, revised edn., Collins 1994.

Guinea and Island Melanesia, ANU 1993.

Murray, T. *Archaeology of Aboriginal Australia*, Allen and Unwin 1998.

**ARCHAEOLOGY 2 SAA: archaeology of South America: the central Andes (20 CPs. Sem. II. Bu.) AR2SAA** Professor Scott Raymond, Professor Tim Murray

In this subject students are offered a general account of the culture history of Peru, Ecuador and Bolivia (the central Andes) from the time of first human occupation until the rise of the Inca Empire, including the spectacular remains of the Moche, and Chimu civilisations. A subject tutor will manage all tutorials and e-mail contact with the lecturer, who will be based in Canada for the majority of the semester. Professor Raymond will visit the Department for a period of intensive contact with students.

**Prerequisite:** AR 1A and AR 1C.

**Quota:** 40: first come first served on a session by session basis.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week. Students will be expected to access the lectures and slides which are held on the database in the Department's multimedia lab.

**Assessment:** two short tests (10% each) one 2,000-word essay (30%), one 2-hour examination (40%), and tutorial participation (10%).

**Preliminary reading:**

Bushnell, G. H. S. *Peru*. Thames and Hudson. 1956.

**ARCHAEOLOGY 2 SFA : skills in field archaeology (20 CPs. Sem. II. Bu.) AR2SFA**

Excavations and surveys are important components of archaeological research. This subject allows students participating in field research conducted by staff of the Department of Archaeology to obtain credit by completing related written work, considering related technical or theoretical issues. Participation will involve a considerable amount of time and physical effort, working within the logistical and organisational constraints of the project. Students will have to meet travel and other associated costs.

**Prerequisite:** 30 credit points of first year archaeology and Head of Department's approval. Students must first have gained the agreement of a member of staff to take them on a fieldwork project before seeking to enrol.

**Class requirements:** participation in at least five weeks of work on a major field research project carried out by staff in the Department of Archaeology.

**Assessment:** two 2,500-word essays (50% each).

**Preliminary reading:**

Connah, G (ed.) *Australian archaeology: a guide to field techniques*, Australian Institute of Aboriginal and Torres Strait Islander Studies 1983.

Joukowsky, M. *A complete manual of field archaeology*, Prentice Hall 1980.

**ARCHAEOLOGY 2 SFA-S: skills in field archaeology (20 CPs. Sem. I. Bu.) AR2SFAS**

Excavations and surveys are important components of archaeological research. This subject allows students participating in field research conducted by staff of the Department of Archaeology to obtain credit by completing related written work, considering related technical or theoretical issues. Participation will involve a considerable amount of time and physical effort, working within the logistical and organisational constraints of the project. Students will have to meet travel and other associated costs.

**Prerequisite:** 30 credit points of first year archaeology and Head of

Department's approval. Students must first have gained the agreement of a member of staff to take them on a fieldwork project before seeking to enrol.

**Class requirements:** participation in at least five weeks of work on a major field research project carried out by staff in the Department of Archaeology.

**Assessment:** two 2,500-word essays (50% each).

**Preliminary reading:**

Connah, G (ed.) *Australian archaeology: a guide to field techniques*, Australian Institute of Aboriginal and Torres Strait Islander Studies 1983.  
Joukowsky, M. *A complete manual of field archaeology*, Prentice Hall 1980.

**ARCHAEOLOGY 3 AC: ancient Cyprus (20 CPs. Sem. II. Bu.) AR3AC**

Dr David Frankel

Not available in 2000.

**ARCHAEOLOGY 3 ALP: Australia in later prehistory (20 CPs. Sem. II. Bu.) AR3ALP** Dr David Frankel

See *Archaeology 2 ALP* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 AME: archaeology of the Middle East (20 CPs. Sem. II. Bu.) AR3AME** Dr Phillip Edwards

See *Archaeology 2 AME* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 ASC: the archaeology of social complexity (20 CPs. Sem. II. Bu.) AR3ASC** Dr Li Liu

See *Archaeology 2 ASC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 BP: the biology of human populations (20 CPs. Sem. II. Bu.) AR3BP** Dr Neville White

This subject considers basic concepts in biological anthropology, the methods used in obtaining and assessing data and issues arising from some of the findings. The material covered draws wherever possible on the Pacific region emphasising Australian Aboriginal people. The lectures are those of GEN22HUM. Practical sessions, tutorials and assessment are designed for students in archaeology and/or anthropology. Topics covered include the genetic bases of simple and complex traits in humans, use of molecular techniques to identify polymorphisms of significance in human disease, micro-evolution and genetic diversity, working with human skeletal remains, interactions between culture and human biology, human biological adaptation, human immunogenetics (genes controlling immune responses, immunogenetic markers in studies of disease and in anthropology and disease, immunity and lifestyle).

**Prerequisite:** at least 30 credit points in archaeology or BIO12GEN or Head of Department's approval. This subject is not available to students who have completed GEN2HUM.

**Class requirements:** three 1-hour lectures and one practical class or tutorial per week.

**Assessment:** one 1,500-word essay (30%), two practical reports (15%), and a written examination (55%).

**Preliminary reading:**

Harrison, G. A., Tanner J. M., Pilbeam D. R. and Baker, P. T. *Human biology*, 3rd edn, Oxford Science Publications 1988.

Mange, A. P. and Mange, E. J. *Genetics: human aspects*, 2nd edn, Sinauer Associates 1990.

**ARCHAEOLOGY 3 DH: the dawn of humanity (20 CPs. Sem. II. Bu.) AR3DH** Dr Nicola Stern

See *Archaeology 2 DH* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 ECC: emergence of Chinese civilisation (20 CPs. Sem. II. Bu.) AR3ECC** Dr Li Liu

See *Archaeology 2 ECC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 HA: historical archaeology (20 CPs. Sem. I. Bu.) AR3HA** Professor Tim Murray

This subject will consider in greater depth and detail a number of themes in historical archaeology which will have been introduced in Archaeology 2 AMW. These themes will be contact archaeology, urban archaeology and the archaeology of pastoralism.

**Prerequisite:** AR2AMW.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** one 4,000-word essay (70%), one 1,000-word assignment (20%), and tutorial performance (10%).

**Preliminary reading:**

Demos, J. *The unredeemed captive*, Random House N. Y. 1994.

Schrire, C. *Digging through darkness*, University of Virginia Press 1995.

**Prescribed reading:**

Burley, D., Hamilton J. S. and Fladmark, K. R. *Prophecy of the swan*, University of British Columbia Press 1996.

Potter, P. Jnr *Public archaeology in Anapolis*, Smithsonian Press 1994.

Spector, J. *What this owl means*, Minnesota Historical Society Press 1993.

**ARCHAEOLOGY 3 HNF: honours in fieldwork (20 CPs. Sem. I. Bu.) AR3HNF**

This subject focuses on the techniques of field archaeology. Students will concentrate on developing methods for the survey and excavation of archaeological sites and landscapes and will be introduced to a variety of field experiences. The procedures studied will be put into operation during the Easter field trip, where a variety of site types will be recorded. Topics will include the study of site sampling, excavation techniques, surveying and planning, and descriptive and inferential statistics. While the main focus is on practical methods, emphasis is also placed on the building of interpretative links between archaeological theory and field archaeology. This subject is primarily for prospective Honours candidates and a high level of performance in both this subject and Archaeology 3 HNM is necessary for admission to Archaeology 4.

**Prerequisite:** Head of Department's approval, including satisfactory results in AR2HN.

**Class requirements:** thirteen 3-hour sessions comprising class sessions and short field excursions, as well as a compulsory one week field trip in the Easter vacation.

**Assessment:** class-work and assignments. Details supplied in subject handout.

**Prescribed reading:**

Shennan, S. *Quantifying archaeology*, Edinburgh UP 1988.

Barker, P. *Techniques of archaeological excavation*, Routledge 1996.

**ARCHAEOLOGY 3 HNM: honours in materials analysis (20 CPs. Sem. II. Bu.) AR3HNM**

In this subject students review the theories, methods and analytical procedures involved in analysing and interpreting archaeological remains. It builds on and extends, the interpretative and methodological issues discussed in Archaeology 3 HNF. An introduction to the identification, analysis and interpretation of organic remains provides the basis for discussing the role of middle range theory, site formation processes, taphonomy and statistical inference in the interpretation of archaeological data. This subject is primarily for prospective honours candidates and a high level of performance in both this subject and Archaeology 3 HNF is necessary for admission to Archaeology 4.

**Prerequisite:** Head of Department's approval, including satisfactory results in AR2HN.

**Class requirements:** thirteen 3-hour laboratory sessions.

**Assessment:** class-work and assignments. Details are supplied in the subject handout.

**Prescribed reading:**

Davis, S. *Archaeology of animals*, Yale UP 1987.

Lyman, R. L. *Vertebrate taphonomy*, Cambridge UP 1994.

**ARCHAEOLOGY 3 HPS: history, philosophy and sociology of archaeology (20 CPs. Sem. I. Bu.) AR3HPS** Professor Tim Murray

See *Archaeology 2 HPS* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 OFP: origins of food production (20 CPs. Sem. II. Bu.) AR3OFP** Dr Phillip Edwards

See *Archaeology 2 OFP* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 PA: Palaeolithic archaeology (20 CPs. Sem. I. Bu.)**

**AR3PA** Dr Nicola Stern

See Archaeology 2 PA for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 PGA: prehistory of greater Australia (20 CPs. Sem. I. Bu.)** **AR3PGA** Dr Richard Cosgrove

See Archaeology 2 PGA for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 RCA: individual reading course (20 CPs. Sem. I. Bu.)** **AR3RCA**

This reading course is provided for students who wish to pursue further, or more intensive, study of an area not formally included in the Department curriculum.

**Prerequisite:** approval of Head of Department.

**Incompatible subject:** AR3RCB.

**ARCHAEOLOGY 3 RCB: individual reading course (20 CPs. Sem. II. Bu.)** **AR3RCB**

This reading course is provided for students who wish to pursue further, or more intensive, study of an area not formally included in the Department curriculum.

**Prerequisite:** approval of Head of Department.

**Incompatible subject:** AR3RCA.

**ARCHAEOLOGY 3 SAA: archaeology of South America: the central Andes (20 CPs. Sem. II. Bu.)** **AR3SAA** Professor Scott Raymond and Professor Tim Murray

See Archaeology 2 SAA for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 SFA: skills in field archaeology (20 CPs. Sem. II. Bu.)** **AR3SFA**

See Archaeology 2 SFA for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ARCHAEOLOGY 3 SFA-S: skills in field archaeology (20 CPs. Sem. I. Bu.)** **AR3SFAS**

See Archaeology 2 SFA-S for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

## Art History

The Department of Art History was established to teach, and to conduct research in, the history of Western art. It has become well-known for its enthusiastic teaching and international scholarship. In contemporary society visual forms of communication play a major role in our daily experience. Art history is concerned with this experience through the visual analysis of art and architecture in historical and contemporary cultures and through the study of the language of images.

## Specialisations

Greek and Roman art and archaeology, the artistic and urban history of Early Christian and medieval Rome, the role of art in the culture and society of the Middle Ages in Italy, Venetian painting, Italian Renaissance art, Mannerist art, painters of 17th century Spain and the Netherlands, Goya, French art of the 19th and 20th century, colour theory in 19th and 20th century painting, Australian and American 20th century art, fashion and Post-modernism.

## Research strengths

Greek vase-painting and the archaeology of ancient Corinth, the architecture of early Christian and medieval Rome, Italian medieval painting, Italian 15th and 16th century art and patronage, iconographic studies, Spanish art 16th to 18th century, Goya, symbolist painting and colour theory, Australian art and art patrons, American pop art criticism c.1960–1980.

## Programs of study

Students who wish to satisfy the degree requirements by taking a major in art history must complete at least 150 credit points of art history, with 80 credit points at third-year level.

Students who wish to satisfy the degree requirements by including a sequence in art history must complete 110 credit points across first,

second and third year.

Study of a European language is highly recommended for students who enrol for a major in art history

## Prerequisites

Except where otherwise stated, the prerequisites are: first year, none; second year, 30 credit points of art history at first year; third year, any second-year art history subject.

## First year subjects

15 credit points

### Sem.

- 1 Art History 1 A: the body in perspective: art from Greece to the Renaissance
- 1 Art History 1 ATM: art, technology and multimedia<sup>3</sup>
- 2 Art History 1 B: constructing the modern: from Rembrandt to Warhol
- 2 Art History 1 M: myth in art

## Second and third year subjects

20 credit points

- 1 Art History 2 CH/3 CH: Greek art and archaeology of the classical period<sup>3</sup>
- 1 Art History 2 DP/3 DP: Dutch painting in the 17th century<sup>3</sup>
- 1 Art History 2 FAI/3 FAI: fashion, art and identity
- 1 Art History 2 G/3 G: Spanish art - El Greco to Valdés Leal
- 1 Art History 2 GC/3 GC: Goya and his contemporaries in Spain
- 1 Art History 2 L/3 L: Australian art
- 1 Art History 2 MI/3 MI: myth and image in Ancient Greece
- 1 Art History 2 RAA/3 RAA: Roman art and architecture
- 2 Art History 2 AP/3 AP: ancient painting: Egypt and Greece
- 2 Art History 2 ECT/3 ECT: the Early Christian tradition in east and west c. 312–1320<sup>3</sup>
- 2 Art History 2 EW/3 EW: East meets West: the arts of Japan and cross-cultural exchange
- 2 Art History 2 F/3 F: Florentine maniera painting 1520 to 1570<sup>3</sup>
- 2 Art History 2 FP/3 FP: Flemish painting – Bruegel to Jordaens<sup>3</sup>
- 2 Art History 2 FR/3 FR: foundations of modern art: French painting of the 19th and early 20th centuries<sup>3</sup>
- 2 Art History 2 HAA/3 HAA: from Alexander to Kleopatra: art and society in the Hellenistic Age<sup>3</sup>
- 2 Art History 2 OM/3 OM: origins of modernity? Italian art from Giotto to Michelangelo
- 2 Art History 2 OP/3 OP: origins of Post modernism
- 2 Art History 2 PPP/3 PPP: photography to post-photography
- 2 Art History 2 T/3 T: early Christian and medieval Rome c.312-1308
- 2 Philosophy 2 AE/3 AE: aesthetics<sup>2,3</sup>
- S Art History 2 PSA/3 PSA: Paris around 1900: from Symbolism to early Abstraction

## Third year subjects

20 credit points

### Sem.

- 1 Art History 3 ARE: art and architecture in the Roman Empire till c.312 AD<sup>3</sup>
- 1 Art History 3 RCA: individual readings<sup>1</sup>
- 2 Art History 3 AM: 20th century American art<sup>3</sup>
- 2 Art History 3 CT: colour in 19th and 20th century painting<sup>3</sup>
- 2 Art History 3 K: Venetian painting in the Renaissance<sup>3</sup>
- 2 Art History 3 RCB: individual readings<sup>1</sup>

Key: <sup>1</sup> Special prerequisites apply, see the subject description.

<sup>2</sup> Available towards an art history major. <sup>3</sup> Not available in 2000

## Honours

Students are selected for entry into honours at the end of their third year. Those selected will be advised by the Department early in December. The principal requirement for selection is consistently high performance in an art history major and, in particular, distinction in the third year level art history subjects. A reading knowledge of at least one foreign language is strongly recommended for any student desiring to do honours and postgraduate study in art history. Inquiries should be directed to the honours coordinator. Honours students are required to take the following subjects and to write a research essay of 12,000 to 15,000-words.

## Fourth year subjects

- 1 Art History 4 T: the language of images: Classical art and the Classical tradition
- 1/2 Art History 4 H: individual special study
- 2 Art History 4 S: theory and method of art history



## Graduate Diploma in Art History

A Graduate Diploma in Art History is offered by the Faculty. See the Postgraduate volume of the Handbook.

### ART HISTORY 1 A: the body in perspective: art from Greece to the Renaissance (15 CPs. Sem. I. Bu.) AH1A Dr Joan Barclay Lloyd

In this subject we will explore the major styles in European art and architecture from ancient Greece to the Renaissance. Students will study such artists as Giotto, Raphael and Michelangelo, and such buildings as the Parthenon and Chartres Cathedral. Emphasis is given to the representation, in painting and sculpture, of the human form. The subject introduces students to the methods of visual analysis and the meaning of images. Where possible, first-hand study is required of selected works available in Melbourne. Together with Art History 1B or 1M, this subject serves as an introduction to second-year offerings in the discipline.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,000-word essay (25%) one 2,000-word essay (50%), one 1-hour slide test (25%).

#### Prescribed reading:

Fleming, J. and Honour, H. *A world history of art*, Laurence King 1995.  
Barnet, S. *A short guide to writing about art*, Longman 1996.  
Boardman, J. *Greek art*, Thames and Hudson 1996.  
Hall, J. *Dictionary of subjects & symbols in art*, John Murray 1984.  
Paoletti, J. and Radke, G. *Art in Renaissance Italy*, Laurence King 1997.

### ART HISTORY 1 ATM: art, technology and multimedia (15 CPs. Sem. II. Bu.) AH1ATM Dr Joan Barclay Lloyd

Not available in 2000.

### ART HISTORY 1 B: constructing the modern: from Rembrandt to Warhol (15 CPs. Sem. II. Bu.) AH1B Dr Sylvia Harrison

In this subject, major movements, styles and artists in European, American and Australian art from the Baroque to Pop Art and beyond are studied. Students will be introduced to methods of visual analysis, to the meaning of images and to recent theories of art (e.g. modernism, post-modernism, feminism and Marxism). Further topics will include issues of patronage and conceptions of the role of the artist and the function of art. Together with Art History 1 A or Art History 1 M this subject serves as an introduction to second-year offerings in the discipline.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one, 1,000-word essay (25%), one 2,000-word essay (50%), and one 1-hour slide test (25%).

#### Prescribed reading:

Fleming, J. and Honour, H. *A world history of art*, Laurence King 1995.  
Barnet, S. *A short guide to writing about art*, Longman 1996.  
Eisenman, S.F. *Nineteenth century art: a critical history*, Thames and Hudson 1994.  
Hall, S. *Dictionary of subjects & symbols in art*, John Murray 1984.  
Hughes, R. *The shock of the new*, Thames and Hudson 1991.  
Levey, M. *From Rococo to revolution*, Thames and Hudson 1985.  
Martin, J. *Style and civilisation: Baroque*, Penguin 1988.

### ART HISTORY 1 M: myth in art (15 CPs. Sem. II. Bu.) AH1M Mrs Lucy Ellem and Dr Ian McPhee

In this subject we examine the role of myth in western art from ancient Greece to the 20th century. Topics to be covered will include: myth and meaning in Greek and Roman art; survival of classical myths in Medieval art; their rediscovery in the Renaissance; Gustave Moreau and classical myth; psychological interpretations of myth in Picasso and the Surrealists; role of myth in Australian art. The subject is also an introduction to theories of myth in art. Together with Art History 1 A or Art History 1 B, this subject provides an introduction to second-year offerings in the discipline.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 1,000-word essay (25%), one 2,000-word essay (50%), and one 1-hour slide-test (25%).

#### Prescribed reading:

Carpenter, T. *Art and myth in ancient Greece*, Thames and Hudson 1991.  
Grimal, P. *Penguin dictionary of classical mythology*, Penguin 1990.  
Kosinski, D. M. *Orpheus in nineteenth-century symbolism*, UMI Research Press 1989.  
Panofsky, E. *Renaissance and renaissances in western art*, Icon 1972.  
Seznec, J. *The survival of the pagan gods*, Princeton Univ. Press 1994.

### ART HISTORY 2 AP: ancient painting: Egypt and Greece (20 CPs. Sem. II. Bu.) AH2AP Dr Ian McPhee

In this subject we will explore the development of monumental painting in ancient Egypt and Greece. Particular attention will be

paid to the tomb-painting of New Kingdom Egypt, to the palace frescoes of Minoan Crete, Thera and Mycenaean Greece, to Classical and Hellenistic painting, and to the relationship between Greek and Etruscan painting. The art of painting will be studied within the general development of Egyptian and Greek art. Topics to be considered will include: form and technique, meaning and socio-religious context, style and the individual artist, the relationship between literary and archaeological evidence.

**Prerequisite:** 30 credit points of first-year Art History or permission of the Head of department.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 1,500-word class paper/essay (30%), one 2,000-word essay (40%), and one 1-hour test (30%).

#### Prescribed reading:

Robins, G. *The art of ancient Egypt*, British Museum Press 1997.  
James, T. G. H. *Egyptian painting*, British Museum Press 1985.  
Immerwahr, S. *Aegean painting in the Bronze Age*, Pennsylvania State University Press 1990.

### ART HISTORY 2 CH: Greek art and archaeology of the classical period (20 CPs. Sem. I. Bu.) AH2CH Dr Ian McPhee

Not available in 2000.

### ART HISTORY 2 DP: Dutch painting in the 17th century (20 CPs. Sem. I. Bu.) AH2DP Dr Frank Heckes

Not available in 2000.

### ART HISTORY 2 ECT: the Early Christian tradition in east and west c. 312–1320 (20 CPs. Sem. II. Bu.) AH2ECT Dr Joan Barclay Lloyd

Not available in 2000.

### ART HISTORY 2 EW: East meets West: the arts of Japan and cross-cultural exchange (20 CPs. Sem. II. Bu.) AH2EW Ms Lucy Ellem

This subject explores the arts of Japan and their interaction with Western culture from seventeenth century screen painting to twentieth century Bhuto theatre, film and Manga, and introduces students to Japanese literature, painting, printmaking, decorative arts, traditional and modern theatre, film and animation. Students examine inter-active reciprocity from a cross-cultural perspective which understands the Japanese arts as influencing and influenced by the arts of other cultures.

**Prerequisite:** 30 credit points at first year from Arts and Media, English, Philosophy, Asian Studies, History, Religious Studies or approval by Head of Department of Art History.

**Class requirements:** lectures, tutorials, workshops, film screenings and site visits as required totalling three to four hours per week.

**Assessment:** one 3,000-word essay (60%), and two 1,000-word class papers (20% each).

#### Preliminary reading:

Paine, R. T. and Soper, A. *The art and architecture of Japan* (Pelican History of Art Series) Penguin 1974.  
Weisberg, G. *Japonisme: Japanese influence on French art, 1854–1910*, Cleveland Museum of Art 1975.  
Stanley-Baker, J. *Japanese Art*, Thames & Hudson 1984.

#### Prescribed reading:

Murasaki Shikibu, *The tale of Genji*, translated with an introduction by E. Seidensticker, Knopf 1977.  
Mizuo, H. *Edo painting: Sotatsu and Korin*, John Weatherhill Inc. 1972.  
Swinton, E. de Sabato, *The women of the pleasure quarter: Japanese paintings and prints of the floating world*, Hudson Hills Press 1995.  
Wichmann, S., *Japonisme: the Japanese influence on western art since 1858*, Thames and Hudson 1981.  
Erlich, L. C. and D. Desser (eds) *Cinematic landscapes: observations on the visual arts and cinema of China and Japan*, University of Texas Press 1994.  
Schodt, F. L. *Dreamland Japan: writings on modern manga*, Berkeley, Stone Bridge Press 1996.

### ART HISTORY 2 F: Florentine maniera painting 1520 to 1570 (20 CPs. Sem. II. Bu.) AH2F Dr Robert Gaston

Not available in 2000.

### ART HISTORY 2 FAI: fashion, art and identity (20 CPs. Sem. I. Bu.) AH2FAI Dr Sylvia Harrison

This subject serves as an introduction to the study of fashion, in particular to the nature and cultural significance of its changing forms as well as its crucial and timeless role in the fashioning of 'self' or the individual's public identity. It also provides an introduction to fashion theory and examines examples from philosophy, psychology, sociology and gender studies. Attention will be given to representations of fashion in art from the 16th century to the present in the categories of portraiture, scenes of contemporary life and,



more recently, critical accounts of the subject of consumption. Further topics include the impact of both modernist art and postmodernism on fashion, the history of shopping and the role played by photography and to a lesser extent, illustration and cinema in fashion merchandising

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 2,500-word essay (40%), one 1,500-word class paper (30%), and one slide test (30%).

**Preliminary reading:**

Barnard, M. *Fashion as communication*, Routledge 1996.

Breward, C. *The culture of fashion*, Manchester UP 1995.

Finklestein, J. *After a fashion*, Melbourne UP 1996.

**Recommended reading:**

Ash, J. and Wilson, E. (eds) *Chic thrills. A fashion reader*, University of California 1993.

Ribeiro, A. *The art of dress. Fashion in England and France 1750-1820*, Yale UP 1995.

Steele, V. *Paris fashion. A cultural history*, Oxford UP 1988.

**ART HISTORY 2 FP: Flemish painting – Bruegel to Jordaens (20 CPs. Sem. II. Bu.) AH2FP Dr Frank Heckes**

Not available in 2000.

**ART HISTORY 2 FR: foundations of modern art: French painting of the 19th and early 20th centuries (20 CPs. Sem. II. Bu.) AH2FR Mrs Lucy Ellem**

Not available in 2000.

**ART HISTORY 2 G: Spanish art – El Greco to Valdés Leal (20 CPs. Sem. I. Bu.) AH2G Dr Frank Heckes**

This subject is a study of Spanish painting and sculpture of the 17th century. Particular attention is given to the qualities that distinguish Spanish artistic traditions from those of other countries. Artists selected for special study include El Greco, Ribalta, Ribera, Martínez Montañés, Velázquez, Zurbarán, Cano, Murillo and Valdés Leal.

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** two 1-hour slide tests (25% each) one 2,000-word essay (30%), one 1,000-word class paper (10%), and one oral tutorial report (10%).

**Preliminary reading:**

Domínguez Ortiz, A. *The golden age of Spain, 1516-1659*, Weidenfeld and Nicolson, 1971.

Elliott, J. *Imperial Spain 1469-1716*, Pelican 1963.

**Prescribed reading:**

*Students are not required to purchase all of these texts. Advice will be given at the first lecture.*

Brown, J. *Francisco de Zurbarán*, Harry N. Abrams Inc 1973.

Brown, J. *Images and ideas in seventeenth-century Spanish painting*, Princeton University Press 1978.

Brown, J. *Velázquez, painter and courtier*, Yale UP 1986.

Brown, J. *Painting in Spain 1500-1700*, Yale UP 1998.

Davies, D. and Harris, E. *Velázquez in Seville*, Yale UP 1996.

Kinkead, D. *Juan de Valdés Leal (1622-1690) his life and work*, Garland Publishing 1978.

Pérez Sánchez, A.E. and Spínosa, N. *Jusepe de Ribera 1591-1652*, Harry N. Abrams Inc. 1992.

Wethey, H. *Alonso Cano, painter, sculptor and architect*, Princeton UP 1955.

Wethey, H. *El Greco and his school*, Princeton UP 1962 (2 vols).

**ART HISTORY 2 GC: Goya and his contemporaries in Spain (20 CPs. Sem. I. Bu.) AH2GC Dr Frank Heckes**

This subject is taught in Madrid during a three to four-week concentrated series of lectures, tutorials and site visits from November to early December 1999. Students in this subject will consider Goya's artistic development in relationship to creations by other artists and to the political, social, and cultural influences of his age. Goya's career will be pursued in all its depth and variety with the benefit of being on location at the sites that contain his most important paintings, frescoes, drawings and print series. His interest in witchcraft and supernatural themes will receive special study. Attention will also be given to such previous and contemporary artists as Velázquez, Mengs, Tiepolo, Paret, Meléndez, and Francisco Bayeu. Apart from their normal HECS contribution students have to pay the travel fees set by Australians Studying Abroad, with whom the Department of Art History is organising this course.

For further information on this course, please contact the Department of Art History, telephone (03) 479-2354.

**Prerequisite:** approval of the Head of Department.

**Class requirements:** conducted in Madrid, minimum of 40 hours of lectures, tutorials and site visits during 3-4 weeks in November to December.

**Assessment:** one 3,500-word research essay (65%), one 1,500-word tutorial paper and oral report (25%), and tutorial participation (10%).

**Preliminary reading:**

Levey, M. *Rococo to revolution*, Thames and Hudson 1977.

Licht, F. *Goya in perspective*, Prentice Hall 1973.

**Prescribed reading:**

Gassier, P. and Wilson, J. *The life and complete work of Francisco Goya*, Reynal and William Morrow 1971.

Glendinning, N. *Goya and his critics*, Yale UP 1977.

Helston, M. *Painting in Spain during the later eighteenth century*, National Gallery Publications Ltd., London 1989.

López-Rey, J. *Goya's Caprichos: beauty, reason and caricature*, Princeton UP 1953.

Pérez Sánchez, A. E. and Sayre, E. A. *Goya and the spirit of enlightenment*, Museum of Fine Arts, Boston 1989.

Wilson Barea, J. *Goya's prints*, British Museum Publications 1981.

**ART HISTORY 2 HAA: from Alexander to Kleopatra: art and society in the Hellenistic Age (20 CPs. Sem. II. Bu.) AH2HAA Dr Ian McPhee**

Not available in 2000.

**ART HISTORY 2 L: Australian art (20 CPs. Sem. I. Bu.) AH2L Dr Richard Haese**

This subject offers a study of the major arts in Australia, although the main emphasis is on painting. Themes considered include the relationship between Australian art and European and American art movements, the question of nationalism and art, connections between art and social background, growth of local art criticism, the phenomenon of expatriatism, and art and political commitment. Students are required to work extensively from local collections and exhibitions of Australian art and are encouraged to make as much use as possible of other available primary source material.

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 3,000-word essay (50%), one 1,000-word class paper and tutorial assessment (20%), and one slide test (30%).

**Prescribed reading:**

Hughes, R. *The art of Australia*, Penguin 1970.

Smith, B. and T. *Australian painting 1788-1990*, Oxford UP 1990.

Smith, B. *Documents on art and taste in Australia: the colonial period 1770-1914*, Oxford UP 1975.

Sturgeon, G. *The development of Australian sculpture*, Thames and Hudson 1978.

Thomas, D. *Creating Australia 1788-1988*, International Cultural Corporation of Australia 1988.

**ART HISTORY 2 MI: myth and image in Ancient Greece (20 CPs. Sem. I. Bu.) AH2MI Dr Ian McPhee**

Myth played a fundamental role in many aspects of ancient Greek society. In particular it forms a major part of the subject matter of Greek art in all periods. In this subject the more important mythological characters and stories will be examined with the emphasis placed upon their changing representation in Greek art from the 8th to the first century BC. The influence of literature, drama, political events and changing social conditions will be studied. Differing modern approaches to Greek myth and mythological representation will be presented.

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** one 1-hour lecture, and one 2-hour tutorial per week.

**Assessment:** two 2,000-word class-papers (35% each) one 1-hour test (25%), and tutorial participation (5%).

**Prescribed reading:**

Carpenter, T. H. *Art and myth in Ancient Greece*, Thames and Hudson 1991.

Shapiro, H. A. *Myth into art: poet and painter in classical Greece*, Routledge 1994.

**ART HISTORY 2 OM: origins of modernity? Italian art from Giotto to Michelangelo (20 CPs. Sem. II. Bu.) AH2OM Dr Robert Gaston**

Students test assumptions that the visual arts during the Italian Renaissance represent in painting, sculpture and architecture, transitions to 'modernity' that allegedly occurred in religious ideas

and practices, social life, politics, philosophy and science. Attention is given to representation of the family, women, men, children and the aged, marriage, childbirth, sexuality, anatomy, suffering and ecstasy, the portrait and the self, war in art, death and burial, processions and civic ritual, courtesy literature and decorum, bodily movement and artistic posture, caricature, classical mythology and Renaissance philosophy, landscape and urbanism, gardens and patronal power, perspective and modes of vision, art patronage and collecting.

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.  
**Assessment:** one 2,500-word essay (40%), one 1,500-word class paper (40%), one 1,000-word report (20%).

**Preliminary reading:**

Jardine, L. *Worldly goods*, Macmillan 1996.

**Prescribed reading:**

Paoletti, J. T. and Radke G. M. *Art in Renaissance Italy*, Laurence King 1997.

**ART HISTORY 2 OP: origins of postmodernism (20 CPs. Sem. II. Bu.) AH2OP Dr Richard Haese**

This subject introduces students to one of the most challenging and relevant traditions of 20th century art. Beginning with cubist collage, it explores the historical avant-garde of the Dada movement and subsequent developments in surrealism, art brut, neo-Dada, pop art, conceptualism and the pluralist postmodernism of the 1970s and 1980s. In addition to European and North American art, examples of Australian postmodernist art are included. The subject examines theories of modernism, the avant-garde, post modernity and post-structuralism in relation to art. Artists discussed include Pablo Picasso, Marcel Duchamp, Max Ernst, Jean Dubuffet, Robert Rauschenberg, Jasper Johns, Roy Lichtenstein, Andy Warhol, Joseph Beuys, Robert Smithson, Philip Guston, Jeff Koons and the Australians Mike Brown, Mike Par, Imants Tillers and Juan Davila.

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.  
**Assessment:** one 3,000-word essay (50%), one 1,000-word class paper and tutorial assessment (20%), and one slide test (30%).

**Preliminary reading:**

Hughes, R. *The shock of the new*, Thames & Hudson rev. edn. 1991.

**Prescribed reading:**

Fer, B., Batchelor, D. and Wood, P. *Realism, rationalism, surrealism: art between the wars*, Yale & Open University 1993.

Fineberg, J. *Art since 1940: strategies of being*, Laurence King 1995.

Harrison, C., Frascina, F. and Perry, G. *Primitivism, Cubism, abstraction: the early twentieth century*, Yale & Open University 1993.

Harrison, C. and Wood, P. (eds) *Art in theory 1900 - 1990*, Blackwell 1992.

Wheeler, D. *Art since mid-century: 1945 to the present*, Thames & Hudson 1991.

**ART HISTORY 2 PPP: photography to post-photography (20 CPs. Sem. II. Bu.) AH2PPP Dr Sylvia Harrison**

In this subject we will explore the photograph in a series of historical, cultural, social and technical contexts as well as consider how these contexts establish the photograph's meaning as an image and an object. Attention will be given to various photographic genres (e.g. "art", documentary, portraiture, fashion, landscape, urban environment) and a range of interpretative theories (e.g. realism, conventionalism, modernism, postmodernism, feminism and Marxism). Further areas of exploration include the relationship between photography and art and the relevance of older ideas about photographic representation to both "constructed photography" (e.g. photomontage and staged imagery) and "post-photography" (the production of images by electronic and digital technology).

**Prerequisite:** 30 credit points of first-year Art History or approval of Chairperson of Department.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.  
**Assessment:** one 2,500-word essay (40%), one 1,500-word class paper (30%), and one slide test (30%).

**Prescribed reading:**

Amelunxen, H. V. et al (eds) *Photography after photography: memory and representation in the digital age*, G + B Arts International 1997.

Barrett, T. *Criticizing photographs: an introduction to understanding images*, Mayfield 1996.

Clarke, G. *The photograph*, Oxford University Press 1997.

Trachtenberg, A. (ed.) *Classic essays on photography*, Leete's Island Books 1980.

Wells, L. (ed.) *Photography: a critical introduction*, Routledge 1997.

**ART HISTORY 2 PSA: Paris around 1900: from Symbolism to early Abstraction (20 CPs. Summer. Bu.) AH2PSA Mrs Lucy Ellem**

The lectures for this subject take place in Paris during the summer 2000/2001 - written work is completed in the first half of first semester. The Parisian artistic milieu is examined during a three to four week concentrated series of lectures, tutorials and site visits in Paris. Students trace the development from symbolism to abstraction through the rich tapestry of fin de siècle culture and the early years of the twentieth century. Literature, music, architecture and sculpture are included in a course which focuses on painting and the graphic arts. Movements studied include Symbolism, Fauvism and Cubism. Gustave Moreau, Redon, Toulouse-Lautrec, Gauguin, Rodin, Matisse, Picasso and Robert and Sonia Delaunay are among artists whose work is viewed and discussed. Apart from their normal HECS contribution, students have to pay the travel fees set by Australians Studying Abroad, with whom the Department of Art History is organising travel arrangements.

For further information contact the Department of Art History, tel: (03) 9479 -2354.

**Prerequisite:** approval of the Head of Department.

**Quota:** 30. Places will be allocated on a first come, first served basis.

**Class requirements:** conducted in Paris, minimum of 40 hours of lectures, tutorials and site visits during three to four weeks in December to January 2000/2001.

**Assessment:** one 3,000 to 3,500-word essay to be submitted by week nine of Semester 1 (50%), one 1,000-word site report (30%), and museum journal (20%).

**Prescribed reading:**

Bowness, A. *Modern European art*, Thames and Hudson 1989.

Cirlot, J. E. *A dictionary of symbols*, Routledge 1983.

Dorra, H. *Symbolist art theories: a critical anthology*, University of California Press 1994.

Harrison, C., Frascina, F. and Perry, G. *Primitivism, cubism, abstraction: the early twentieth century*, Thames and Hudson 1981.

**ART HISTORY 2 RAA: Roman art and architecture (20 CPs. Sem. I. Bu.) AH2RAA Dr Joan Barclay Lloyd**

This subject will be a study of selected aspects of Roman art and architecture in Rome, Pompeii and other parts of Italy, from the late republic to the reign of Constantine. The student will be expected to acquire a knowledge of Roman history and institutions.

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 2,000-word essay (40% each) one written test (20%), and one 2,000-word class paper (40%).

**Preliminary reading:**

Henig, M. *A handbook of Roman art*, Phaidon 1983.

Ramage, N. H. and A. *Roman art*, CUP 1991.

Wheeler, R.E.M. *Roman art and architecture*, Thames and Hudson 1974.

**Prescribed reading:**

Carcopino, I. *Daily life in ancient Rome*, reprint, Penguin 1978.

Kleiner, D. E. E. *Roman sculpture*, Yale UP 1992.

Ling, R. *Roman painting*, CUP 1991.

Sear, F. *Roman architecture*, Batsford 1982.

Strong, D. E. *Roman art*, Penguin 1976.

**ART HISTORY 2 T: Early Christian and medieval Rome c. 312-1308 (20 CPs. Sem. II. Bu.) AH2T Dr Joan Barclay Lloyd**

This subject focuses on the changing map of the city of Rome, from c.312 to 1308. In that time churches, monasteries, towers, palaces and houses were built, and decorated with sculpture, frescoes, mosaics and icons. Rome's art and architecture are studied within the framework of important historical events, political and economic realities, varied ideological currents and social conditions. Special attention is paid to the transformation of Rome from the former capital of the ancient world to the centre of Latin Christianity.

**Prerequisite:** 30 credit points of first-year Art History or permission of Head of Department.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 2,000-word essay (40%), one 2,000-word class paper (40%), and one written test (20%)

**Preliminary reading:**

Bretano R. *Rome before Avignon*, British Museum Publications 1978.

Gough, M. *The origins of Christian art*, Thames and Hudson 1973.  
Grabar, A. *Christian iconography: a study of its origins*, Princeton UP 1968.

Southern, R. W. *Western society and the church in the middle ages*, Penguin (Pelican) 1970.

Mathews, T. *The clash of the Gods*, Princeton UP 1993.

**Prescribed reading:**

Krautheimer, R. *Rome: profile of a city, 312-1308*, Princeton UP 1980.

**ART HISTORY 3 AM: 20th century American art (20 CPs. Sem. II. Bu.) AH3AM** Dr Richard Haese  
Not available in 2000.

**ART HISTORY 3 AP: ancient painting: Egypt and Greece (20 CPs. Sem. II. Bu.) AH3AP** Dr Ian McPhee

See Art History 2 AP for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 ARE: art and architecture in the Roman Empire till c.312 AD (20 CPs. Sem. I. Bu.) AH3ARE** Dr Joan Barclay Lloyd  
Not available in 2000.

**ART HISTORY 3 CH: Greek art and archaeology of the classical period (20 CPs. Sem. I. Bu.) AH3CH** Dr Ian McPhee  
Not available in 2000.

**ART HISTORY 3 CT: colour in 19th and 20th century painting (20 CPs. Sem. II. Bu.) AH3CT** Ms Lucy Ellem  
Not available in 2000.

**ART HISTORY 3 DP: Dutch painting in the 17th century (20 CPs. Sem. I. Bu.) AH3DP** Dr Frank Heckes  
Not available in 2000.

**ART HISTORY 3 ECT: the Early Christian tradition in east and west c. 312-1320 (20 CPs. Sem. II. Bu.) AH3ECT** Dr Joan Barclay-Lloyd  
Not available in 2000.

**ART HISTORY 3 EW: East meets West: the arts of Japan and cross-cultural exchange (20 CPs. Sem. II. Bu.) AH3EW** Ms Lucy Ellem  
See Art History 2 EW for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 F: Florentine maniera painting 1520 to 1570 (20 CPs. Sem. II. Bu.) AH3F** Dr Robert Gaston  
Not available in 2000.

**ART HISTORY 3 FAI: fashion, art and identity (20 CPs. Sem. I. Bu.) AH3FAI** Dr Sylvia Harrison  
See Art History 2 FAI for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 FP: Flemish painting – Bruegel to Jordaens (20 CPs. Sem. II. Bu.) AH3FP** Dr Frank Heckes  
Not available in 2000.

**ART HISTORY 3 FR: foundations of modern art: French painting of the 19th and early 20th centuries (20 CPs. Sem. II. Bu.) AH3FR** Mrs Lucy Ellem  
Not available in 2000.

**ART HISTORY 3 G: Spanish art – El Greco to Valdés Leal (20 CPs. Sem. I. Bu.) AH3G** Dr Frank Heckes  
See Art History 2 G for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 GC: Goya and his contemporaries in Spain (20 CPs. Sem. I. Bu.) AH3GC** Dr Frank Heckes  
See Art History 2 GC for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 HAA: from Alexander to Kleopatra: art and society in the Hellenistic Age (20 CPs. Sem. II. Bu.) AH3HAA** Dr Ian McPhee  
Not available in 2000.

**ART HISTORY 3 K: Venetian painting in the Renaissance (20 CPs. Sem. II. Bu.) AH3K** Dr Robert Gaston.  
Not available in 2000.

**ART HISTORY 3 L: Australian art (20 CPs. Sem. I. Bu.) AH3L** Dr Richard Haese

See Art History 2 L for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 MI: myth and image in Ancient Greece (20 CPs. Sem. I. Bu.) AH3MI** Dr Ian McPhee

See Art History 2 MI for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 OM: origins of modernity? Italian art from Giotto to Michelangelo (20 CPs. Sem. II. Bu.) AH3OM** Dr Robert Gaston  
See Art History 2 OM for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 OP: origins of post modernism (20 CPs. Sem. II. Bu.) AH3OP** Dr Richard Haese

See Art History 2 OP for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 PPP: photography to post-photography (20 CPs. Sem. II. Bu.) AH3PPP** Dr Sylvia Harrison  
See Art History 2 PPP for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 PSA: Paris around 1900: from Symbolism to early Abstraction (20 CPs. Summer. Bu.) AH3PSA** Mrs Lucy Ellem  
See Art History 2 PSA for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 RAA: Roman art and architecture (20 CPs. Sem. I. Bu.) AH3RAA** Dr Joan Barclay Lloyd  
See Art History 2 RAA for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ART HISTORY 3 RCA: individual readings (20 CPs. Sem. I. Bu.) AH3RCA** Dr Ian McPhee

This subject allows selected students to undertake a more detailed study of an artist, theme, movement and so forth. Enrolment in this subject may be made only on application to the Head of Department, with a supporting statement of the program of study from the supervisor. Approval is given only to Art History students of exceptional aptitude and motivation. Written applications should be made to the Head of Department after discussion with the appropriate staff member who has agreed to supervise the program of study.  
*Incompatible subject:* AH3RCB.

**ART HISTORY 3 RCB: individual readings (20 CPs. Sem. II. Bu.) AH3RCB** Dr Joan Barclay Lloyd

The aim of this subject is to allow selected students to undertake a more detailed study of an artist, theme, movement and so forth. Enrolment in this subject may be made only on application to the Head of Department, with a supporting statement of the program of study from the supervisor. Approval is given only to Art History students of exceptional aptitude and motivation. Written applications should be made to the Head of Department after discussion with the appropriate staff member who has agreed to supervise the program of study.

*Incompatible subject:* AH3RCA.

**ART HISTORY 3 T: Early Christian and medieval Rome c. 312-1308 (20 CPs. Sem. II. Bu.) AH3T** Dr Joan Barclay Lloyd  
See Art History 2 T for full subject description.

Assessment: third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**Asian studies** Professor John Fitzgerald

Students in the Department of Asian Studies may complete a three-year sequence or major in one of the languages, Chinese, Japanese, Indonesian/Malay and Sanskrit, offered by the Department. The Department of Asian Studies offers a Bachelor of Asian Studies degree and also offers a major in Asian Studies as part of the Bachelor of Arts degree. The Department also offers a number of subjects, taught in English, which may be taken towards either of these degrees. The full descriptions of these subjects are listed at the end of the Asian Studies section.

**First-year subjects** 15 credit points**Sem.**

- 2 Asian Studies 1 ASR: Asian religions  
 2 Asian Studies 1 BCEA: the business culture of East Asia  
 2 Asian Studies 1 ITA-A: introduction to Asia A: politics, culture and society  
 2 Asian Studies 1 ITA-B: introduction to Asia B: politics, culture and society

**Second and third-year subjects** 10 credit points

- 2 Asian Studies 2 H/3 H: introduction to Hinduism

**Second and third-year subjects** 20 credit points

- 2 Asian Studies 2 B/3 B: introduction to Buddhism  
 2 Asian Studies 2 EM/3 EM: Eastern meditational traditions  
 2 Asian Studies 2 LEAT/3 LEAT: love and eroticism in Asian literature

**Asian studies in the Bachelor of Arts**

A major in Asian Studies may be taken through approved combinations of subjects from the disciplines of archaeology, Burmese, Chinese, drama, Indonesian/Malay, Japanese, Sanskrit, cinema studies, economics, history, legal studies, linguistics, religious studies, politics and sociology.

**Programs of study**

To qualify for a degree with a major in the Asian studies area of study:

- a student must complete 150 credit points from the Asian studies subjects listed below. These 150 credit points should include 80 credit points at third-year level, be drawn from at least two separate disciplines (one of which may be an Asian language) and include at least 80 credit points in non-language disciplines and
- at least 110 credit points of the total 360 credit points for the degree must be in a single discipline. These 110 credit points may be in either Asian or non-Asian subjects and may include the Asian studies subjects used to fulfil the above requirement. While not required, it is recommended that students include some non-Asian content in the study of this discipline.

The study of an Asian language, while not required as part of the Asian studies major, is highly recommended. All subjects are offered subject to the availability of appropriate staffing and minimum enrolments.

**Important notice**

Not all of the subjects listed below will be available every year. Full details of the individual subjects and their prerequisites are provided under the relevant discipline entry.

**First-year subjects** 15 credit points

- Asian Economic Development 1  
 Asian Studies 1 ASR: Asian religions  
 Asian Studies 1 BCEA: the business culture of east Asia  
 Asian Studies 1 ITA-A: introduction to Asia A: politics, culture and society  
 Asian Studies 1 ITA-B: introduction to Asia B: politics, culture and society  
 Burmese 1-1: beginning Burmese  
 Burmese 1-2: beginning Burmese  
 Chinese 1 A-1: post-VCE Chinese  
 Chinese 1 A-2: post-VCE Chinese  
 Chinese 1 B-1: beginning Chinese  
 Chinese 1 B-2: beginning Chinese  
 Chinese 1 B-3: beginning Chinese  
 Chinese 1 CB-1: Chinese background  
 Chinese 1 CB-2: Chinese background  
 Chinese 1 DS-1: Chinese for dialect speakers  
 Chinese 1 DS-2: Chinese for dialect speakers  
 Indonesian/Malay 1 A-1: intermediate Indonesian  
 Indonesian/Malay 1 A-2: intermediate Indonesian  
 Indonesian/Malay 1 A-3: intermediate Indonesian  
 Indonesian/Malay 1 B-1: beginning Indonesian  
 Indonesian/Malay 1 B-2: beginning Indonesian  
 Indonesian/Malay 1 B-3: beginning Indonesian  
 Japanese 1 A-1: post-VCE Japanese  
 Japanese 1 A-2: post-VCE Japanese

- Japanese 1 A-3: post-VCE Japanese  
 Japanese 1 B-1: beginning Japanese  
 Japanese 1 B-2: beginning Japanese  
 Japanese 1 B-3: beginning Japanese  
 Long-term Economic Change 1  
 Sanskrit 1-1: beginners' Sanskrit  
 Sanskrit 1-2: beginners' Sanskrit  
 Sanskrit 1-3: beginners' Sanskrit

**Second-year subjects**

- Chinese 2 A-3: second-year post-VCE Chinese  
 Chinese 2 B-3: upper elementary Chinese  
 Japanese 2 RCB: reading and writing course

10 credit points

15 credit points

- Chinese 2 A-1: second-year post-VCE Chinese  
 Chinese 2 A-2: second-year post-VCE Chinese  
 Chinese 2 B-1: upper elementary Chinese  
 Chinese 2 B-2: upper elementary Chinese  
 International Economic Institutions 2  
 Japanese 2 A-1: second-year post-VCE Japanese  
 Japanese 2 A-2: second-year post-VCE Japanese  
 Japanese 2 B-1: intermediate Japanese  
 Japanese 2 B-2: intermediate Japanese

20 credit points

- Burmese 2-1: intermediate Burmese 1  
 Burmese 2-2: intermediate Burmese 2  
 Chinese 2 ICSA: in-country studies A  
 Chinese 2 PP-1: Chinese for professional purposes  
 Chinese 2 PP-2: Chinese for professional purposes  
 Indonesian/Malay 2 A-1: intermediate Indonesian 3  
 Indonesian/Malay 2 A-2: intermediate Indonesian 4  
 Indonesian/Malay 2 B-1: intermediate Indonesian 1  
 Indonesian/Malay 2 B-2: intermediate Indonesian 2  
 Indonesian/Malay 2 ICA: in-country studies A  
 Indonesian/Malay 2 ICB: in-country studies B  
 Indonesian/Malay 2 ICC: in-country studies C  
 Indonesian/Malay 2 RCA: reading course A  
 Indonesian/Malay 2 RCB: reading course B  
 Indonesian/Malay 2 RCC: reading course C  
 Japanese 2 RCA: reading course A  
 Politics 2 F: international relations: the cold war and the great powers since 1945  
 Sanskrit 2-1  
 Sanskrit 2-2

40 credit points

- Chinese 2 ICSB: in-country studies B

60 credit points

- Chinese 2 ICS: in-country studies

**Second or third-year subjects**

- Asian Studies 2 H/3 H: introduction to Hinduism

10 credit points

15 credit points

- Chinese Economics 2/3  
 Indonesian/Malay 2 CIV/3 CIV: Indonesian civilisations

20 credit points

- Anthropology 2 TD/3 TD: development, culture and society  
 Archaeology 2 ECC/3 ECC: emergence of Chinese civilisation  
 Art History 2 EW/3 EW: east meets west: the arts of Japan and cross-cultural exchange  
 Asian Studies 2 B/3 B: introduction to Buddhism  
 Asian Studies 2 EM/3 EM: eastern meditational traditions  
 Asian Studies 2 LEAT/3 LEAT: love and eroticism in Asian literature  
 Chinese 2 GBC/3 GBC: gender and the body: the Chinese experience  
 Chinese 2 LCC/3 LCC: the language of Chinese cinema  
 Chinese 2 RCA/3 RCA: reading course  
 Cinema Studies 2 CC/3 CC: Chinese cinema  
 Cinema Studies 2 NCJ/3 NCJ: Japanese cinema  
 Drama 2 EAD/3 EAD: European and Asian drama  
 Drama 2 JTA/3 JTA: Japanese theatre A  
 Drama 2 JTB/3 JTB: Japanese theatre B  
 English 2 IE/3 IE: India in English  
 English 2 SAA/3 SAA: seeing 'Asia': Australian constructions  
 Hindi 3 B-1: intermediate Hindi  
 Hindi 3 B-2: intermediate Hindi  
 History 2 AC/3 AC: ancient China, society and ideas  
 History 2 IMC/3 IMC: the ideas that shaped modern China  
 Japanese 2 EIJ/3 EIJ: education and inequality in Japan  
 Legal Studies 2 ALS/3 ALS: Asian legal systems  
 Linguistics 2 BL/3 BL: bilingualism and second language acquisition  
 Linguistics 2 CC/3 CC: cross cultural communication  
 Linguistics 2 LCC/3 LCC: language and culture in China  
 Linguistics 2 LCI/3 LCI: language and culture in Indonesia and the Pacific

Linguistics 2 LCM/3 LCM: language and culture maintenance  
 Linguistics 2 LSA/3 LSA: language in society (Asia)  
 Politics 2 AA/3 AA: Australia, Asia and the world  
 Politics 2 CP/3 CP: Chinese politics  
 Politics 2 JP/3 JP: Japanese politics  
 Politics 2 SA-1/3 SA-1: understanding South Asia: the roots of democracies and dictatorships  
 Politics 2 SA-2/3 SA-2: understanding South Asia: dynamism, divisions, directions  
 Politics 2 SEA/3 SEA: boom and bust in South East Asia  
 Sociology 2 JP/3 JP: Japanese society and culture

**Third-year subjects 10 credit points**

Chinese 3 B-3: lower intermediate Chinese  
 Japanese 3 RCB: reading and writing course

**15 credit points**

**Asia in the World Economy**

Chinese 3 B-1: lower intermediate Chinese  
 Chinese 3 B-2: lower intermediate Chinese  
 Japanese 3 A-1: third-year post-VCE Japanese 1  
 Japanese 3 A-2: third-year post-VCE Japanese 2  
 Japanese 3 B-1: upper intermediate Japanese 1  
 Japanese 3 B-2: upper intermediate Japanese 2

**20 credit points**

Burmese 3: advanced Burmese  
 Chinese 3 A-1: upper intermediate Chinese  
 Chinese 3 A-2: upper intermediate Chinese  
 Chinese 3 ICSD: in-country studies  
 Indonesian/Malay 3 A-1: advanced Indonesian 1  
 Indonesian/Malay 3 A-2: advanced Indonesian 2  
 Indonesian/Malay 3 B-1: intermediate Indonesian 3  
 Indonesian/Malay 3 B-2: intermediate Indonesian 2  
 Indonesian/Malay 3 ICD: in-country studies D  
 Indonesian/Malay 3 ICE: in-country studies E  
 Indonesian/Malay 3 ICF: in-country studies F  
 Indonesian/Malay 3 MIL: modern Indonesian literature  
 Indonesian/Malay 3 RCD: reading course D  
 Indonesian/Malay 3 RCE: reading course E  
 Indonesian/Malay 3 RCF: reading course F  
 Japanese 3 RCA: reading course  
 Sanskrit 3-1  
 Sanskrit 3-2

**40 credit points**

Chinese 3 ICSE: in-country studies

**60 credit points**

Chinese 3 ICS: in-country studies

**Honours**

The Department of Asian Studies manages two quite distinct honours programs in Asian studies: the Asian studies languages honours program, with a strong language emphasis and the Asian studies area of study honours program which has an Asian studies or disciplinary emphasis. This entry is concerned only with the Asian Studies area of study honours program. For information on Asian language programs, see the separate entries under Chinese, Indonesian/Malay and Japanese. Students who have qualified for a degree by taking a major in Asian Studies area studies may apply to enter a fourth year to complete their degree with honours. In addition, students who qualify for admission to honours in another discipline and who wish to develop their skills in Asian languages or studies in their fourth year, may apply to the Department of Asian Studies for admission into the Asian studies area of study honours program. In all cases, students wishing to enrol in fourth year Asian Studies should apply to the Chair of Department by October of the third year of their course. Students entering fourth-year honours in Asian studies are normally required to have proficiency in an Asian language equivalent to that attained after two years of successful study at tertiary level. Students enrolling in Asian Studies with a view to the eventual completion of an honours degree should therefore plan their course with this possible requirement in mind. Inquiries should be directed to the Chair of Department or an adviser of studies.

In the fourth year, students are required to complete additional studies in the area of their specialisation and to write a minor thesis on an approved topic of between 10,000 and 15,000-words, depending on the weighting of course-work and thesis components.

**Fourth-year subjects 40 credit points**

Indonesian/Malay 4 PAP: Indonesian/Malay for academic purposes  
 Japanese 4 H: advanced language

**20 credit points**

Asian Studies 4 TM: theory and method

Chinese 4 A-1: Chinese for professional and academic purposes

Chinese 4 A-2: Chinese for professional and academic purposes  
 Chinese 4 B-1: lower advanced Chinese  
 Chinese 4 B-2: lower advanced Chinese  
 Drama 4 JTP: traditional Japanese theatre and performances theory  
 Drama 4 MJT: modern Japanese and western theatre  
 Indonesian/Malay 4 CML: classical Malay literature  
 Indonesian/Malay 4 RCA: reading course  
 Indonesian/Malay 4 RCB: reading course  
 Indonesian/Malay 4 SEA: life and culture in South East Asia  
 Japanese 4 RT: advanced reading and translation

**ASIAN STUDIES 1 ASR: Asian religions (15 CPs. Sem. II. Bu.)**

**AS1ASR Dr Greg Bailey**

In this subject students will be introduced to the major religions of India, China and Japan. The focus is on the early development of these religions, the foundational texts and the continuing vitality of these religions. The emphasis is placed on historical development and textual analysis of the principal teachings of these religions. The subject is especially suited for those interested in Asian Studies, Religious Studies and Asian History.

Incompatible subjects: H1ASR, RS1A, RS1ASR

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one 1,000-word class paper (25%), one 1,000-word text exegesis (25%) and one 2,000-word research essay (50%).

**Prescribed reading:**

Embree, A. T. (ed.) *The Hindu tradition*, Vintage 1972

Sommer, D. (ed.) *Chinese religion: an anthology of sources*, Oxford UP 1995

Goodall, D. trans. *Hindu scriptures*, Dent 1996

**ASIAN STUDIES 1 BCEA: the business culture of East Asia (15 CPs. Sem. II. Bu.) AS1BCEA Dr Anne McLaren and Dr Kaori Okano**

This subject introduces students to key principles in the culture underlying business and professional activities in East Asia, especially China and Japan. Through a study of the philosophical and religious background of East Asia, students will investigate the traditional ethical values and strategies of East Asia and their contemporary practice. Additionally, students will study notions of 'face', courtesy, relationships, networking, negotiation skills and culturally-appropriate behaviour for westerners working in East Asian contexts.

**Class requirements:** one 1-hour lecture and one 2-hour workshop.

**Assessment:** one 1,500-word essay (30%), one exercise or research project totalling 500-words (30%), and one 2-hour final test (40%).

**Preliminary reading:**

Bucknall, K. A. *A cultural guide to doing business in China*, Butterworth-Heinemann, Oxford 1994.

Reischauer, E. O. *The Japanese today: change and continuity*, Harvard University Press, Cambridge, Massachusetts 1988.

**Prescribed reading:**

March, R. M. *Negotiating with the Japanese in the Nineties*, University of Western Sydney 1995.

Milner, A. and Quilty, M. *Australia in Asia: comparing cultures*, Melbourne, Oxford University Press 1996.

**ASIAN STUDIES 1 ITA-A: introduction to Asia A: politics, society and culture (15 CPs. Sem. II. Bu. Aw.) AS1ITAA Professor Robin Jeffrey and Professor John Fitzgerald**

Successful completion of this subject may be counted towards first-year requirements for Asian studies, politics, sociology and anthropology. This subject introduces students to India and China. To ensure a systematic approach, we focus on how countries are run (government) how people connect with each other (society) and how people perceive themselves and how outsiders perceive them (culture). The subject is both contemporary and historical. We examine pre-European history, the arrival and ejection of European imperialists and the condition of these countries today. With Asian Studies 1 ITA-B, the subject prepares students for more detailed study of Asia and for further study in Politics, History, Sociology and Anthropology. It provides sound background for the study of Asian languages.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** weekly tutorial-based tasks (20%), one 500-word exercise (5%), one 500-word class test (5%), one 1,500-word essay (35%), and one 1.5-hour final examination (35%).

**Recommended reading:**

Fairbank, J. K. and Goldman, M. *China: a new history*, enlarged edn, Belknap Press 1998.

Jeffrey, R. (ed.) *Asia - the winning of independence*, Macmillan 1981.

Wolpert, S. *An introduction to India*, University of California Press 1991.



**ASIAN STUDIES 1 ITA-B: introduction to Asia B: politics, society and culture (15 CPs. Sem. I. Bu. Aw.) AS1ITAB Dr Angus McIntyre and Professor Yoshio Sugimoto**

Successful completion of this subject may be counted towards first-year requirements for Asian studies, politics, sociology and anthropology. Students are introduced to two of Australia's Asian neighbours, Japan and Indonesia. To ensure a systematic approach, we focus on how countries are run (government) how people connect with each other (society) and how people perceive themselves and how outsiders perceive them (culture). The subject is both contemporary and historical. We examine pre-European history, the impact of European imperialists and the condition of these countries today. With Asian Studies 1 ITA-A, the subject prepares students for more detailed study of Asia and for further study in Politics, History, Sociology and Anthropology. It provides sound background for the study of Asian languages.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** weekly tutorial-based tasks (20%), one 500-word exercise (5%), one 500-word class test (5%), one 1,500-word essay (35%), and one 1.5-hour final examination (35%).

**Recommended reading:**

Cribb, R. and Brown, C. *Modern Indonesia: a history since 1945*, Longman 1995.  
Hunter, J. *The emergence of modern Japan*, Longman 1989.  
Sugimoto, Y. *An introduction to Japanese society*, Cambridge University Press 1997.

**ASIAN STUDIES 2 B: introduction to Buddhism (20 CPs. Sem. II. Bu.) AS2B Dr Greg Bailey**

In this subject students are introduced to Buddhist philosophy from its very beginnings to the later developments of the Mahayana. They will concentrate on four topics: theories about the general nature of the world and living beings (especially humans) theories of causality (for example, of karma and rebirth) theories of the absolute (that is, of nirvana, Buddhahood, tathata) theories of practice, that is, meditation and ethics.

**Prerequisite:** any first year History, Religious Studies, Philosophy or Asian Studies subject, or lecturer's permission.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one 2,500-word essay (50%), and weekly tutorial papers of approximately 250-words (50%).

**ASIAN STUDIES 2 EM: Eastern meditational traditions (20 CPs. Sem. II. Bu.) AS2EM Dr Greg Bailey**

In this subject, students are introduced to the meditational theories and practices that lie at the heart of the Hindu and Buddhist traditions. Extensive performance of various kinds of meditation has been a central part of both religions for two millennia. The theory which lies behind the various forms of meditation will be studied as well as the historical context in which they arose. Topics to be emphasised include yoga, theories of quietism, asceticism, the psychology of meditation and the relationship between meditation and social action.

**Prerequisite:** any first year History, Religious Studies, Philosophy or Asian Studies subject, or lecturer's permission.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one 1,500-word class paper (30%), and one 3,500-word essay (70%).

**Preliminary reading:**

Eliade, M. *Yoga: immortality and freedom*, Bollingen 1954.

**Prescribed reading:**

Bucknell, R. and Stuart-Fox, M. *The twilight language: explorations in Buddhist symbolism and meditation*, Curzon 1988.  
Conze, E. *Buddhist meditation*, Harper and Row 1975.  
Varenne, J. *Yoga and the Hindu tradition*, University of Chicago Press 1976.

**ASIAN STUDIES 2 H: introduction to Hinduism (10 CPs. Sem. II. Bu.) AS2H Mr Harry Aveling**

This subject provides an introduction to the major writings of the classical Indian religious tradition of Hinduism. Particular attention is paid to the reading and discussion of selected texts from the Vedas, Upanishads, the Bhagavad Gita and the Yoga Sutras.

**Prerequisite:** 30 credit points of first year religious studies or Asian studies.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** four 750 word assignments (25% each).

**Prescribed reading:**

Goodall, D. *Hindu Scriptures*, Dent 1996.

**ASIAN STUDIES 2 LEAT: love and eroticism in Asian literature (20 CPs. Sem II. Bu.) AS2LEAT Dr Raj Pandey**

This team-taught subject looks at the tradition of love and eroticism as it developed in the literature of four major cultures of Asia - India, China, Japan and Indonesia. (In any given year, at least three of the four countries mentioned above will be covered) Some of the major themes examined in this subject are representations of the body and sexuality, the place of women in the discourse of love and the erotic, and the role of religion in shaping conceptions of sex and romance. The subject attempts to give students a broad comparative perspective on literatures of Asia. All texts studied will be in English translation.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** two 2,000-word essays (40% each) and one 15-minutes class presentation (20%)

**Preliminary reading:**

Dehejia, V. et.al. *Love in Asian art and culture*, University of Washington Press 1999.

**Prescribed reading:**

*Reader in love and eroticism in Asian literature*, La Trobe University 2000.

**ASIAN STUDIES 3 B: introduction to Buddhism (20 CPs. Sem. I. Bu.) AS3B Dr Greg Bailey**

See Asian Studies 2B for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ASIAN STUDIES 3 EM: Eastern meditational traditions (20 CPs. Sem. II. Bu.) AS3EM Dr Greg Bailey**

See Asian Studies 2 EM for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ASIAN STUDIES 3 H: introduction to Hinduism (10 CPs. Sem. II. Bu.) AS3H Mr Harry Aveling**

See Asian Studies 2 H for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ASIAN STUDIES 3 LEAT: love and eroticism in Asian literature (20 CPs. Sem II. Bu.) AS3LEAT Dr Raj Pandey**

See Asian Studies 2 LEAT for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**Auslan Dr J. Branson (Faculty of Health Sciences)**

Australian sign language (AUSLAN) is the native language of Australia's deaf community. The subjects in AUSLAN emphasise learning the language in its social and cultural context. Classes are mainly conducted in AUSLAN. Students with no prior knowledge of the language, as well as those with previous experience, are welcome. AUSLAN is available as a sequence within the BA. Full details of the subjects offered can be found in the Health Sciences section of the Handbook.

**Australian Studies Dr Geoff Mayer (Cinema Studies)**

**Programs of study**

Students may qualify for a degree with a major in Australian Studies by completing at least 150 credit points from the list below, including at least 40 credit points at second year and 80 credit points at third year level. Such a major is made up of approved combinations of subjects from the disciplines of archaeology, art history, cinema studies, drama, English, history, legal studies, linguistics, politics, religious studies and sociology/anthropology. Before enrolling, intending students should discuss their plans with the adviser of studies in the area.

**Important notice**

Not all of the subjects listed below will be available every year. Full details of the individual subjects and their prerequisites are provided under the relevant discipline entry.

**First-year subjects**

First year subjects in archaeology, art history, cinema studies, English, history, linguistics, politics and sociology are acceptable. In choosing first year subjects, students should note the prerequisites for subjects which they plan to take at second and third year levels. The following are recommended for students who wish to specialise in Australian studies.



### 15 credit points

History 1 BAA: from old society to convict society  
History 1 BAB: the making of colonial Melbourne: city life and culture in Australia and Britain  
Linguistics 1 LS: language in society  
Politics 1 AA: Australian politics: government and society  
Politics 1 AB: Australian politics: identities and change

### Second or third-year subjects 20 credit points

Anthropology 2 AB/3 AB: Aboriginal Australia  
Anthropology 2 ABS/3 ABS: Aborigines and the state  
Anthropology 2 ASF/3 ASF: anthropology and sociology on film  
Archaeology 2 ALP/3 ALP: Australia in later prehistory  
Archaeology 2 PGA/3 PGA: prehistory of greater Australia  
Art History 2 L/3 L: Australian art  
Cinema Studies 2 AT/3 AT: image and industry: Australian television  
Cinema Studies 2 CAC/3 CAC: contemporary Australian film  
Cinema Studies 2 NCA/3 NCA: image and industry: Australian film 1898–1945  
Cinema Studies 2 NCA-B/3 NCA-B: image and industry: Australian film 1945–1980  
Drama 2 AUS/3 AUS: Australian drama from 1955 to the present day  
English 2 CAP/3 CAP: cultural identities in Australian poetry  
English 2 GRO/3 GRO: growing up in Australia  
English 2 IB/3 IB: inventing the bush  
English 2 PP/3 PP: prisons and parlours: narratives of social space in colonial Australia  
English 2 TAL/3 TAL: twentieth-century Australian literature: inventing the past  
History 2 AMTC/3 AMTC: Australia: colony to nation  
History 2 AMTN/3 AMTN: Australia: the nation  
History 2 AR/3 AR: Aboriginal religion  
History 2 ASA/3 ASA: Aborigines and Europeans in south-east Australia  
History 2 NSW/3 NSW: the planting of New South Wales 1788 – 1842  
Legal Studies 2 ALA/3 ALA: Aborigines and law in Australia  
Legal Studies 2 RPS/3 RPS: legal rights, poverty and legal services  
Linguistics 2 AB/3 AB: Aboriginal languages  
Politics 2 AP/3 AP: contemporary Australian politics  
Politics 2 PE/3 PE: politics and the economy  
Politics 2 TA/3 TA: theories of trade unionism  
Politics 2 TB/3 TB: comparative trade unionism

### Third-year subjects 30 credit points

Drama 3 PRO: group production or individual research project

### Honours

Students who have qualified for a degree by taking a major in Australian studies with an average of at least a B grade may enrol for a fourth-year to complete their degree with honours. They are normally required to have 190 credit points in Australian Studies and to have completed a sequence of study in at least one discipline. Prospective applicants should contact the coordinator of the area as early as possible in their degree in order to plan their combination of subjects. In the fourth year, students take additional studies and write a research essay of approximately 10,000-words on an approved topic.

### Burmese Dr David Bradley

Burmese is the national language of Burma, with over 40 million speakers. It is an important language for Theravada Buddhism. The language is of interest to students of Asian studies, linguistics and others with an interest in Burma or the Asian context. All subjects are offered subject to sufficient enrolments. See the Asian studies entry for additional information.

### Programs of study

#### First-year subjects 15 credit points

- 1 Burmese 1-1: beginning Burmese 1
- 2 Burmese 1-2: beginning Burmese 2

#### Second-year subjects 20 credit points

- 1 Burmese 2-1: intermediate Burmese 1<sup>1</sup>
- 2 Burmese 2-2: intermediate Burmese 2<sup>1</sup>

#### Third-year subject 20 credit points

- 1 Burmese 3: advanced Burmese<sup>1</sup>

Key: <sup>1</sup> Not available in 2000.

### Subject descriptions

The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

#### BURMESE 1-1: beginning Burmese 1 (15 CPs. Sem. I. Bu.) BU11 Dr David Bradley

This is an introduction to spoken Burmese language for beginners. The emphasis is on practical communication skills and on learning the language in its cultural context.

**Class requirements:** two 1-hour lectures and two 1-hour workshops per week.

**Assessment:** ten 200-word assignments (60%), one 2-hour examination (30%), and workshop participation (10%).

### Prescribed reading:

Okell, J. *Burmese (Myanmar) an introduction to the spoken language*, Book 1 Northern Illinois University 1994.

#### BURMESE 1-2: beginning Burmese 2 (15 CPs. Sem. II. Bu.) BU12 Dr David Bradley

This subject continues the introduction to spoken Burmese language for beginners. The emphasis is on practical communication skills and on learning the language in its cultural context.

**Prerequisite:** BU11 or coordinator's permission.

**Class requirements:** two one-hour lectures and two one-hour workshops per week.

**Assessment:** ten 200-word assignments (60%), one 2-hour examination (30%), and workshop participation (10%).

### Prescribed reading:

Okell, J. *Burmese (Myanmar) an introduction to the spoken language*, Book 1 Northern Illinois University 1994.

#### BURMESE 2-1: intermediate Burmese 1 (20 CPs. Sem. I. Bu.) BU21 Dr David Bradley

Not available in 2000.

#### BURMESE 2-2: intermediate Burmese 2 (20 CPs. Sem. II. Bu.) BU22 Dr David Bradley

Not available in 2000.

#### BURMESE 3: advanced Burmese (20 CPs. Sem. I. Bu.) BU3 Dr David Bradley

Not available in 2000.

### Chinese Dr Anne McLaren

The Chinese language program offers an extensive range of subjects from beginners to honours level and postgraduate study. Four entry-level subjects are available to cater to students with differing standards in the Chinese language. At second and third-year level, specialist subjects are available in Chinese for professional purposes, Chinese culture, cinema and gender studies.

At all levels, the emphasis is on the development of communicative skills in oral Mandarin and written Chinese, as well as the development of general intellectual skills through the study of Chinese civilisation using Chinese language sources. At senior levels there is a focus on more specialised Chinese language use for academic or professional purposes.

Students are strongly encouraged to complete studies in another discipline with a China-Asia focus such as history, politics, linguistics or economics to complement their language study (see the Asian studies entry for relevant subjects).

Students are encouraged to undertake further language study in China. If a student is in receipt of a University scholarship or award which covers their tuition fees at the institution in China then they are eligible to enrol in China in-country studies (see programs listed below) Self-funded students who pay tuition fees in China are not eligible to enrol in the in-country studies program, however, they may be able to claim credit points for successful completion of language studies at an authorised institution in China. Students must seek permission from the Chinese in-country coordinator in advance if they wish to take up this option. Self-funded students can be awarded up to 60 credit points towards their degree for language study in China.

Students with no or minimal experience of learning Chinese enrol in Chinese 1 B. Students of Chinese background who speak a non-Mandarin dialect, but who do not read and write Chinese, enrol in Chinese 1 CB. Year 12 Chinese graduates enrol in Chinese 1 A, unless they have additional Chinese language background, in which case they may enrol in Chinese 1 DS. Chinese 1 DS is designed for native speakers of a non-Chinese dialect who have completed a period of formal education in the Chinese written language. Commencing students may be allocated to the appropriate class by the lecturer after written and/or oral testing. Students normally require at least a C-grade pass in their current Chinese subject to proceed to the next level.

### Programs of study

To qualify for a degree with a major in Chinese, a student must normally complete 30 credit points of Chinese 1, 40 credit points of Chinese 2 and Chinese 3, and another 40 credit points at third year level from the subjects listed below. Students who wish to satisfy the degree requirements by taking two sequences, one of which is in

Chinese, are required to take 110 credit points in Chinese, including at least 40 credit points at third year level. Students wishing to qualify as language teachers in schools are required to enrol in three subjects in their chosen language in first year, totalling 45 credit points. This is in order to meet the requirement that students who wish to qualify as LOTE teachers in schools must complete 120 credit points post-VCE in their chosen language.

#### First year subjects 15 credit points

- 1 Chinese 1 A-1: post-VCE Chinese
- 1 Chinese 1 B-1: beginning Chinese
- 1 Chinese 1 CB-1: Chinese background
- 1 Chinese 1 DS-1: Chinese for dialect speakers
- 2 Asian Studies 1 BCEA: the business culture of east Asia
- 2 Chinese 1 A-2: post-VCE Chinese
- 2 Chinese 1 B-2: beginning Chinese
- 2 Chinese 1 B-3: beginning Chinese
- 2 Chinese 1 CB-2: Chinese background
- 2 Chinese 1 DS-2: Chinese for dialect speakers

#### Second year subjects 10 credit points

- 2 Chinese 2 A-3: second-year post VCE Chinese
- 2 Chinese 2 B-3: upper elementary Chinese

#### 15 credit points

- 1 Chinese 2 A-1: second-year post-VCE Chinese
- 1 Chinese 2 B-1: upper elementary Chinese
- 2 Chinese 2 A-2: second-year post-VCE Chinese
- 2 Chinese 2 B-2: upper elementary Chinese

#### 20 credit points

- 1 Chinese 2 PP-1: Chinese for professional purposes
- 1/2 Chinese 2 ICSA: in-country studies
- 2 Chinese 2 PP-2: Chinese for professional purposes

#### 40 credit points

- 1/2 Chinese 2 ICSB: in-country studies

#### 60 credit points

- 1/2 Chinese 2 ICS: in-country studies

#### Second or third year subjects 15 credit points

- 2 Chinese Economics 2/3<sup>1</sup>

#### 20 credit points

- 1 Chinese 2 RCA/3 RCA: reading course
- 1 Cinema Studies 2 CC/3CC: Chinese Cinema
- 1 History 2 AC/3 AC: ancient China, society and ideas
- 1 Linguistics 2 CC/3 CC: cross cultural communication
- 2 Archaeology 2 ECC/3 ECC: emergence of Chinese civilisation
- 2 Asian Studies 2 LEAT/3 LEAT: love and eroticism in Asian literature
- 2 Chinese 2 GBC/3 GBC: gender and the body: the Chinese experience (Chinese language)
- 2 Linguistics 2 LCC/3 LCC: language and culture in China
- 2 Linguistics 2 LCM/3 LCM: language and culture maintenance<sup>1</sup>
- 2 Linguistics 2 LSA/3 LSA: language in society (Asia)
- 2 Politics 2 CP/3 CP: Chinese politics

#### Third year subjects 10 credit points

- 2 Chinese 3 B-3: lower intermediate Chinese

#### 15 credit points

- 1 Chinese 3 B-1: lower intermediate Chinese
- 2 Chinese 3 B-2: lower intermediate Chinese

#### 20 credit points

- 1 Chinese 3 A-1: upper intermediate Chinese
- 1/2 Chinese 3 ICSD: in-country studies
- 2 Chinese 3 A-2: upper intermediate Chinese

#### 40 credit points

- 1/2 Chinese 3 ICSE: in-country studies

#### 60 credit points

- 1/2 Chinese 3 ICS: in-country studies

**Key:** <sup>1</sup>Not available in 2000.

#### Honours

Students wishing to enter fourth-year honours in Chinese should normally have completed a Chinese major of at least 150 credit points, including 80 credit points at third year level, with suitably high grades. Students who wish to proceed to honours should apply to the Chinese language coordinator before they complete their third year. The Chinese 4 program consists of two parts:-

#### Course-work

Students must take the 20 credit point subject, Asian Studies 4 TM, together with 40 credit points of course-work at honours level with relevant Chinese content. These should be drawn from Chinese 4 A-1, Chinese 4 A-2, Chinese 4 B-1, Chinese 4 B-2 or honours level

units in linguistics, politics, religious studies or other disciplines with relevant Chinese content. One third year, 20 credit point subject with relevant Chinese content such as Chinese 3 GBC, with separate honours level assessment, may be substituted for one of the two, fourth-year, 20 credit point subjects.

#### Thesis

A thesis of 10,000 to 12,000-words in an area of Chinese studies must be submitted.

#### 20 credit points

- 1 Asian Studies 4 TM: theory and method
- 1 Chinese 4 A-1: Chinese for professional and academic purposes
- 1 Chinese 4 B-1: readings in contemporary Chinese prose
- 2 Chinese 4 A-2: Chinese for professional and academic purposes
- 2 Chinese 4 B-2: readings in contemporary Chinese prose

#### Subject descriptions

##### CHINESE 1 A-1: post-VCE Chinese (15 CPs. Sem. I. Bu.) CN1A1 Dr Gao Baoqiang

In this subject students will extend their skills in oral and written communication and learn more complex grammatical structures of the spoken language. Topics covered include using computers, employment in Australia and interaction with the Chinese-speaking community. An additional video class presents everyday situations in Beijing. A further 200 characters are taught. This subject is not designed for native speakers of Mandarin.

**Prerequisite:** VCE Chinese or equivalent and approval of the subject coordinator.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** four written exercises (20%), one 1-hour written test (20%), oral and aural tests (30%), and one 1-hour end of Semester examination (30%).

#### Prescribed reading:

Lee, P. Y. *You can speak Mandarin stage two*, Harcourt Brace 1993.

Lee, P. Y. *You can speak Mandarin character companion*, Harcourt Brace 1993.

Hello Beijing video guide - module prepared by the lecturer.

##### CHINESE 1 A-2: post-VCE Chinese (15 CPs. Sem. II. Bu.) CN1A2 Dr Gao Baoqiang

By the end of Chinese 1 A-2 students will be able to use the most common sentence patterns of colloquial Chinese and will have acquired an additional 200 characters. Students will extend their communicative repertoire to include everyday life in a Chinese context, including shopping at Chinese markets, learning tai chi and Chinese pastimes and using public transport in China. An additional video class focuses on life in Beijing.

**Prerequisite:** CN1A1 or equivalent.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** four written exercises (20%), one 1-hour written test (20%), oral and aural tests (30%), and one 1-hour end of Semester examination (30%).

#### Prescribed reading:

Hello Beijing video guide - module prepared by the lecturer.

##### CHINESE 1 B-1: beginning Chinese (15 CPs. Sem. I. Bu.) CN1B1 Dr Anne McLaren

This introductory subject is designed to teach a basic level of communicative competence in modern standard Chinese (Mandarin) emphasising learning Chinese in terms of the appropriate social context. Topics covered include introductions, shopping, currency, discussing study and meeting Chinese friends. Students learn to write 120 Chinese characters and to recognise up to 200 characters. This subject is not designed for native speakers of Mandarin. Admission of students into this subject may be determined by means of a questionnaire and/or written and oral test.

**Prerequisite:** approval of the subject coordinator.

**Incompatible subject:** other first year Chinese subjects.

**Class requirements:** two 1-hour lectures and two 1-hour tutorials per week.

**Assessment:** written exercises (20%), written tests (20%), oral and aural tests (30%), and an end of Semester examination (30%).

#### Prescribed reading:

Yao, T. et. al. *Integrated Chinese Level 1/1*, Textbook.

Yao, T. et. al. *Integrated Chinese Level 1/1*, Workbook.

Yao, T. et. al. *Integrated Chinese Level 1/1*, Character workbook.

##### CHINESE 1 B-2: beginning Chinese (15 CPs. Sem. II. Bu.) CN1B2 Dr Anne McLaren

This subject builds on the foundation skills taught in Chinese 1B-1 and further extends the students communicative repertoire to include

Chinese kinship terms, entertaining Chinese friends in an Australian context, Chinese food and dining out, sports, leisure activities and TV programs. A visit to a restaurant allows students to exercise their skills in ordering food in Chinese. Students learn to write a further 180 characters, bringing the total to 300 and learn to recognise up to 400 characters. This subject is not designed for native speakers of Mandarin.

**Prerequisite:** Chinese 1B-1.

**Incompatible subject:** any Chinese 1 subject.

**Class requirements:** two 1-hour lectures and two 1-hour tutorials per week.

**Assessment:** written exercises (20%), written tests (20%), oral and aural tests (30%), and an end of Semester examination (30%).

**Prescribed reading:**

Yao, T. et. al. *Integrated Chinese Level 1/1*, Textbook.

Yao, T. et. al. *Integrated Chinese Level 1/1*, Workbook.

Yao, T. et. al. *Integrated Chinese Level 1/1*, Character workbook.

**CHINESE 1 B-3: beginning Chinese (15 CPs. Sem. II. Bu.) CN1B3 Dr Xu Yuzeung**

This introductory subject is designed to teach a basic level of communicative competence in modern standard Chinese (Mandarin) emphasising learning Chinese in terms of the appropriate social context. It aims to accelerate the acquisition of Chinese written and oral skills at an elementary level. In this subject students are given a systematic overview of the sentence patterns taught in the co-requisite units Chinese 1B and Chinese 1CB and complete regular exercises in character script designed to consolidate their literacy skills. Accompanying video classes allow for oral practice. This course is an integrated program based on textbook and workbook.

**Prerequisite:** approval of the subject coordinator.

**Co-requisite:** CN1B1 and CN1B2.

**Incompatible subject:** other first year Chinese subjects.

**Class requirements:** two 2-hours workshops per week.

**Assessment:** one 10-minute oral/role play test (40%), one 1-hour test (40%), and weekly character workbook (20%).

**Prescribed reading:**

Ma, J. *Chinese unmasked: grammatical principles and applications students workbook - simplified character edition*, Cheng & Tsui 1994.

Lee, P. Y. *You can speak Mandarin character companion*, Harcourt Brace 1993.

*Hello Beijing Video guide Module* prepared by the department.

**CHINESE 1 CB-1: Chinese background 1 (15 CPs. Sem. I. Bu.)**

**CN1CB1 Dr Xu Yuzeng**

This introductory subject is for students who speak a non-Mandarin Chinese language and who have no or minimal literacy in Chinese. Students attain a basic level of communicative competence in modern standard Chinese (Mandarin) emphasising learning Chinese in terms of the appropriate social context. Topics covered include greetings, introductions, language lessons, shopping and currency and Chinese families. Through conversation practice, the study of elementary texts, video viewing, role-playing and the use of Chinese software, students learn about the phonetic system of modern standard Chinese, simple grammatical structures and the Chinese writing system. Students learn to write up to 400 characters.

**Prerequisite:** students admitted to CN1CB speak a non-Mandarin Chinese language in their home communities but have no or minimal formal education in the Chinese language.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials each week.

**Assessment:** written exercises (20%), written tests (20%), oral and aural tests (30%), end of Semester examination (30%).

**Prescribed reading:**

Yao, T. et. al. *Integrated Chinese Level 1/1*, Textbook.

Yao, T. et. al. *Integrated Chinese Level 1/1*, Workbook.

Yao, T. et. al. *Integrated Chinese Level 1/1*, Character workbook.

**CHINESE 1 CB-2: Chinese background 2 (15 CPs. Sem. II. Bu.)**

**CN1CB2 Dr Xu Yuzeng**

This introductory subject is for students who speak a non-Mandarin Chinese language and who have no or minimal literacy in Chinese. Students attain a basic level of communicative competence in modern standard Chinese (Mandarin) emphasising learning Chinese in terms of the appropriate social context. Topics covered include entertaining Chinese friends, Chinese food and dining out, sports and leisure activities and tours of Beijing. Through conversation practice, the study of elementary texts, video viewing, role-playing and the use of Chinese software, students consolidate their knowledge of Chinese phonology, acquire a broader range of basic conversational sentence patterns and learn to read and write simple discourse. Students learn to write up to 900 characters.

**Prerequisite:** CN1CB1 or coordinator's approval.

**Class requirements:** two 1-hour lectures, three 1-hour tutorials.

**Assessment:** written exercises (20%), written tests (20%), oral and aural tests (30%), and end of Semester examination (30%).

**Prescribed reading:**

Yao, T. et. al. *Integrated Chinese Level 1/2*, Textbook.

Yao, T. et. al. *Integrated Chinese Level 1/2*, Workbook.

Yao, T. et. al. *Integrated Chinese Level 1/2*, Character workbook.

**CHINESE 1 DS-1: Chinese for dialect speakers 1 (15 CPs. Sem. I. Bu.) CN1DS1 Ms Xu Huiling**

This subject comprises three main components. The teaching of Mandarin pronunciation and oral and aural skills to improve spoken communication, viewing of contemporary films and news broadcasts and practice in writing Chinese essays. Classes are conducted in Mandarin.

**Prerequisite:** native speaker of a dialect of Chinese other than Mandarin plus completion of a period of formal education in the Chinese written language. Admission of students into this subject may be determined by means of a questionnaire and/or written and oral test.

**Prerequisite:** approval of the subject coordinator.

**Class requirements:** three 1-hour workshops per week.

**Assessment:** two 500 character assignments (25%), class oral presentations (25%), one 10-minutes oral test (10%), and end of Semester 2-hour test (40%).

**Prescribed reading:**

Hong, G. *Chinese breakthrough*, Cheng & Tsui 1994.

Bai, J. et al *Across the Straits: advanced listening skills*, Cheng & Tsui 1998.

**CHINESE 1 DS-2: Chinese for dialect speakers 2 (15 CPs. Sem. II. Bu.) CN1DS2 Ms Xu Huiling**

This subject comprises three main components. The teaching of Mandarin pronunciation and oral and aural skills to improve spoken communication, viewing of contemporary films and news broadcasts and practice in writing Chinese essays. Classes are conducted in Mandarin.

**Prerequisite:** CN1DS1 or coordinator's approval.

**Class requirements:** three 1-hour workshops per week.

**Assessment:** two 500-character assignments (25%), class oral presentations (25%), one 10-minutes oral test (10%), and end of Semester 2-hour test (40%).

**Prescribed reading:**

Bai, J. et al *Across the Straits: advanced listening skills*, Cheng & Tsui 1998.

Hong, G. *Chinese breakthrough*, Cheng & Tsui 1994.

**CHINESE 2 A-1: second-year post-VCE Chinese 1 (15 CPs. Sem. I. Bu.) CN2A1 Dr Gao Baoqiang**

This is the continuation subject for advanced stream students who have completed and passed Chinese 1 A-2. The main aims in this subject are for students to develop communicative competence in topics of everyday interest in Chinese society, to consolidate skills in simple correspondence and expository writing and to enhance oral and aural skills by viewing and discussing a Chinese feature film. Topics covered include eating at night markets and food stalls, overcrowding, education, religion and folk festivals.

**Prerequisite:** a C-grade pass in CN1A2 or coordinator's approval.

**Incompatible subject:** CN3B1.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** core skills – four written exercises (20%), one 15-minute end of Semester oral test (20%), and one 1-hour end of Semester written test (30%). Cultural program – one assignment (10%), and one 1-hour end of Semester written test (20%).

**Prescribed reading:**

Mackerras, C. *Dragon's tongue transcript book*, Prog. 1-10, ABC 1990.

Teng, S. *Taiwan today! An intermediate course*, Cheng and Tsui 1993.

**CHINESE 2 A-2: second-year post-VCE Chinese 2 (15 CPs. Sem. II. Bu.) CN2A2 Dr Gao Baoqiang**

Students develop communicative competence in topics of everyday interest in Chinese and Australian society, consolidate skills in simple correspondence and expository writing and enhance oral and aural skills by viewing and discussing a Chinese feature film. Students read some micro stories published in China which satirise contemporary Chinese society.

**Prerequisite:** CN2A1, or coordinator's approval.

**Incompatible subject:** CN3B2.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** core skills – written exercises (20%), one end of Semester oral test (20%), and one end of Semester written test (30%). Cultural program – one assignment (10%), and one end of Semester written test (20%).

**Prescribed reading:**

Faurot, J. *Glimpses of China: short fiction for Chinese study* China Books, San Francisco 1994.

*Zhongdeng hanyu ting he shuo*, Beijing, Language Institute 1990.

**CHINESE 2 A-3: second-year post-VCE Chinese 3 (10 CPs. Sem. II. Bu.) CN2A3 Dr Gao Baoqiang**

This subject is designed to allow BA and Bachelor of Asian Studies students to complement their study of Chinese 2A-2. Students view and discuss a feature film from China. They are taught to read the accompanying film script and to build role plays based on characters in the film. The chosen film, *Great Wall of China*, deals with the clash of cultural values between China and the West. Oral and written skills are given equal balance in the subject. This subject includes role play, comprehension and reading exercises.

**Prerequisite:** CN2A1 or equivalent standard.

**Co-requisite:** CN2A2.

**Incompatible subject:** CN3B3.

**Class requirements:** one 2-hour workshop per week.

**Assessment:** one 8-minute oral exercise and one 500-character written exercise (20% each) one 10-minute oral and aural test (30%), and one 1-hour examination (30%).

**Prescribed reading:**

Ma, J. *Great Wall of China script and workbook*. Cheng & Tsui 1993.

**CHINESE 2 B-1: upper elementary Chinese 1 (15 CPs. Sem. I. Bu.) CN2B1 Dr Gao Baoqiang**

Chinese 2B-1 further develops skills in oral communication and introduces students to the more complex grammatical structures of the spoken language. Students extend their skills in oral and written communication and learn more complex grammatical structures of the spoken language. Topics include using computers, employment in Australia, cars and travel, living conditions and dining out. The focus is on discussing life in Australia with the Chinese-speaking community. An additional video class presents everyday situations in Beijing. A further 250 characters are taught.

**Prerequisite:** a C-grade pass in CN1B2 or coordinator's approval.

**Class requirement:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** written exercises (20%), a written test (20%), oral and aural tests (30%), and an end of Semester examination (30%).

**Prescribed reading:**

Lee, P. Y. *You can speak Mandarin stage two*, Harcourt Brace 1993.

Lee, P. Y. *You can speak Mandarin character companion*, Harcourt Brace 1993.

Hello Beijing video guide - module prepared by the lecturer.

**CHINESE 2 B-2: upper elementary Chinese 2 (15 CPs. Sem. II. Bu.) CN2B2 Dr Gao Baoqiang**

This further develops skills in oral communication and introduces students to the more complex grammatical structures of the spoken language. By the end of the Semester, students will be able to use the most common sentence patterns of colloquial Chinese and will have acquired an additional 250 characters. Students extend their communicative repertoire to include everyday life in an overseas Chinese context, including shopping at Chinese markets, learning tai chi and Chinese past-times and using public transport in China. An additional video class focuses on life in Beijing.

**Prerequisite:** CN2B1 or coordinator's approval.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** written exercises (20%), a written test (20%), oral and aural tests (30%), and an end of Semester examination (30%).

**Prescribed reading:**

Lee, P. Y. *You can speak Mandarin stage two*, Harcourt Brace 1993.

Lee, P. Y. *You can speak Mandarin character companion*, Harcourt Brace 1993.

Hello Beijing video guide - module prepared by the lecturer.

**CHINESE 2 B-3: upper elementary Chinese (10 CPs. Sem. II. Bu.) CN2B3 Dr Gao Baoqiang**

This subject, which complements the co-requisite Chinese 2B-2, is designed for students enrolled in the Bachelor of Asian Studies or undertaking a sequence or major in Chinese as part of the Bachelor of Arts. It comprises a workshop which uses video material and role play to extend students' repertoire in spoken Chinese. Additionally, students will be given a systematic overview of the sentence patterns taught in Chinese 1A. Students complete weekly exercises, consolidate their acquisition of the most common grammatical usages in colloquial Chinese while gaining a linguistic framework to allow them to discuss the key features of grammar in Mandarin. This subject will be particularly useful for students considering employment in teaching.

**Prerequisite:** CN2B1 or equivalent standard.

**Co-requisite:** CN2B2.

**Incompatible subject:** CN1A3.

**Class requirements:** one 2-hour workshop per week.

**Assessment:** one 5-minute oral exercise and one 400-character written exercise (20% each) one 7-minute oral and aural test (30%), and one 1-hour examination (30%).

**Prescribed reading:**

Lee, P. Y. *You can speak Mandarin character companion*, Harcourt Brace 1993.

Ma, J. *Chinese unmasked: grammatical principles and applications students workbook-simplified character edition*, Cheng & Tsui 1994

**CHINESE 2 ICS: in-country studies (60 CPs. Sem. I, II or Summer. Bu.) CN2ICS Dr Anne McLaren**

This subject consists of one Semester of study (usually 15 weeks) at an authorised university in China. Students undertake an intensive program in oral and written Chinese (Mandarin) and complete two assignments involving research and interviews in the Chinese language. Students who complete Chinese 2ICS with at least a C grade (or equivalent) are eligible to enrol in an appropriate third year Chinese subject. Students enrolling in this subject must meet their own costs for airfare and living expenses in China.

**Prerequisite:** completion of any first year Chinese program with at least a C grade pass or equivalent standard.

**Class requirements:** intensive course-work in China (approx. 15 to 20 hours per week) Students are required to attend briefings prior to departure.

**Assessment:** examinations to be taken in China as recommended by the subject coordinator and approved by the Faculty Board (70%).

Two research assignments written in Chinese on aspects of Chinese society (30%). Alternatively, an examination set by the subject coordinator on return to Australia.

**CHINESE 2 ICSA: in-country studies (20 CPs. Sem. I, II or Summer. Bu.) CN2ICSA**

This subject consists of four to six weeks of study at an authorised university in China. Students undertake an intensive program in oral and written Chinese (Mandarin) Students who complete Chinese 2ICSA with at least a C grade (or equivalent) are eligible to enrol in an appropriate third year Chinese subject. Students enrolling in this subject must meet their own costs for airfare and living expenses in China.

**Prerequisite:** completion with at least C grade of any first-year Chinese subject (40 credit points).

**Class requirements:** intensive course-work in China (approx. 15 to 20 hours per week) Students are required to attend briefings prior to departure.

**Assessment:** completion of required work in-country (80%), in-country report of 500-words (20%).

**CHINESE 2 ICSB: in-country studies (40 CPs. Sem. I, II or Summer. Bu.) CN2ICSB**

This consists of 10 to 12 weeks of study at an authorised university in China. Students undertake an intensive program in oral and written Chinese (Mandarin) Students who complete CN2ICSB with at least a C grade (or equivalent) are eligible to enrol in an appropriate second or third year Chinese subject. Students enrolling in this subject must meet their own costs for airfare and living expenses in China.

**Prerequisite:** completion of any second year Chinese subjects (40 credit points) to at least C grade standard or equivalent.

**Class requirements:** intensive course-work in China (approx. 15 to 20 hours per week) Students are required to attend briefings prior to departure.

**Assessment:** completion of required work in-country (80%), in-country assignment of 500-words in Chinese and 500-words in English (20%).

**CHINESE 2 GBC: gender and the body: the Chinese experience (Chinese language) (20 CPs. Sem. II. Bu.) CN2GBC Dr Anne McLaren**  
*This subject is also available towards a Women's Studies major.*

Chinese concepts of the complementary nature of Yin and Yang (female and male) lie at the heart of the East Asian understanding of the workings of nature and human society. In spite of this, the experiences of the Chinese male dominate in the written records of Chinese civilisation. This subject is an exploration of the construction of Chinese concepts of Yin and Yang, of gender and the body, the changing political, social and economic roles of women and men in pre-modern and modern China, the representation of concepts of masculinity and femininity in Chinese writings and the oral transmission of women's culture past and present.

This subject is taught in English, however, students of Chinese can choose to undertake the second workshop hour in Chinese. Assessment varies to reflect the choice of English or Chinese workshop.

**Prerequisite:** Chinese students – completion of or concurrent enrolment in CN2B2/CN3B2, or CN3A2 or CN2PP. Women's Studies students – completion of 40 credit points at first year level.

**Class requirements:** two 1-hour lectures (in English) and one 1-hour workshop per week (in English or Chinese).

**Assessment:** For Chinese students, one 2,000-word essay in English (40%), and two 500 character reading and translation exercises in Chinese (60%). For Women's Studies students, one 2,000-word class paper (40%), and one 3,000-word essay (60%).

#### **Preliminary reading:**

Barlow, T. (ed.) *Gender politics in modern China*, Duke UP 1993.

Ebrey, P. *The inner quarters: marriage and the lives of Chinese women in the Sung Period*, University of California Press 1993.

Hinsch, B. *Passions of the cut sleeve: the male homosexual tradition in China*, University of California Press 1991.

McLaren, A. *The Chinese femme-fatale: an anthology from the Ming period*, Sydney University East Asia Monographs, Wild Peony Press 1994.

Stacey, J. *Patriarchy and socialist revolution in China*, University of California Press, 1983.

van Gulik, R. H. *Sexual life in ancient China*, E. J. Brill 1961, 1974.

#### **Prescribed reading:**

Gilmartin, C. (ed.) *Engendering China: women, culture and the state*, Harvard UP 1993.

Finnane, A. and McLaren, A. *Dress, sex and text in Chinese culture*, Monash Asian Institute 1999.

McLaren, A. et al *The gate to paradise*, Video learning guide, School of Asian Studies, 1994.

#### **CHINESE 2 PP-1: Chinese for professional purposes 1 (20 CPs. Sem. I. Bu.) CN2PP1 Dr Gao Baoqiang**

This introduces the use of Chinese for professional purposes at an elementary level. Through role-play and video viewing, students acquire communicative ability in a range of professional situations such as formal introductions, exchange of name cards, travel arrangements, banquets, shopping, initial negotiations and phone calls. The focus is on the acquisition of oral skills together with an understanding of the cultural background necessary for successful communication in Chinese communities. Students are introduced to such concepts as 'face' in Chinese society and the cultivation of relationships (guanxi) and they learn what is considered culturally appropriate behaviour in a Chinese context.

**Prerequisite:** CN1A2, CN1B2, CN1CB2 or equivalent standard.

**Class requirements:** four 1-hour tutorials.

**Assessment:** class presentations (30%), one 1-hour written test (20%), role-play or oral test (20%), two 300-word assignments in Chinese (30%).

#### **Prescribed reading:**

Lin, N. *Business Chinese Sinolingua* Beijing 1990.

Zhan, K. *The strategy of politeness in the Chinese language* University of California, Institute of Asian Studies 1992.

#### **CHINESE 2 PP-2: Chinese for professional purposes 2 (20 CPs. Sem. II. Bu.) CN2PP2 Dr Gao Baoqiang**

This introduces the use of Chinese for professional purposes at an elementary level. Through role-play and video viewing, students acquire communicative ability in a range of professional situations such as arranging negotiations and concluding deals. The focus is on the acquisition of oral skills, together with an understanding of the cultural background necessary for successful communication in Chinese communities. Additionally, students study the language and cultural values of Chinese TV advertising.

**Prerequisite:** CN2PP1, CN2B1 or equivalent standard.

**Class requirements:** four 1-hour tutorials.

**Assessment:** class presentations (30%), one 1-hour written test (20%), role-play or oral test (20%), two 300-word assignments in Chinese (30%).

#### **Prescribed reading:**

Lin, N. *Business Chinese Sinolingua* Beijing 1990.

Zhan, K. *The strategy of politeness in the Chinese language* University of California, Institute of Asian Studies 1992.

McLaren, A. *Chinese advertisements - video guide*, La Trobe University, Department of Asian Studies.

#### **CHINESE 2 RCA: reading course (20 CPs. Sem. I. Bu.) CN2RCA Dr Anne Mc Laren**

This course comprises a two-hour workshop in classical Chinese and a one-hour seminar in topics on Chinese civilisation.

The aim of this course is to give students an understanding of selected key texts of Chinese civilisation such as works of philosophy, poetry and narratives, within their historical context. Students will acquire a basic understanding of the fundamentals of classical Chinese and learn to appreciate the difference between classical and modern Chinese.

**Prerequisite:** CN2B or higher. Enrolment is subject to coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour workshop per week.

**Assessment:** one 2,000-word essay in English on a topic drawn from Chinese civilisation (30%), one 500-word assignment in Chinese (20%), one 2-hour exam (30%), and one 8-minute oral presentation (20%).

#### **Prescribed reading:**

Faurot, J. *Gateway to the Chinese classics*, China Books 1995.

Idema, W. and Haft, L. *A guide to Chinese literature*, Michigan 1997.

#### **CHINESE 3 A-1: upper intermediate Chinese 1 (20 CPs. Sem. I. Bu.) CN3A1 Dr Xu Yuzeng**

This is the continuation subject for advanced stream students who have completed and passed Chinese 2 A-2. This subject is designed to broaden the scope of students communicative repertoire to include discussion of Chinese current affairs. The subject comprises Chinese newspaper reading and TV news broadcasts. Additionally, students view and discuss contemporary Chinese short films. Oral ability and aural comprehension on everyday topics are further extended.

**Prerequisite:** a C grade in CN2A2, or coordinator's approval.

**Class requirements:** two 1-hour lecture and three 1-hour workshops per week.

**Assessment:** one 10-minute oral presentation (20%), two 500-word assignments (40%), one 2-hour end of Semester test (40%).

#### **Prescribed reading:**

*Zhongji hanyu ting he shuo*, Beijing Language Institute 1990.

Li, Z. and Wang, S. *Newspaper Chinese ABC: an introductory reader*, Beijing Language Institute 1988.

Hong, G. *Chinese breakthrough: learning Chinese through TV and newspapers*, Cheng & Tsui 1994.

Bai, J. et al *Across the Straits*, China Books 1998.

#### **CHINESE 3 A-2: upper intermediate Chinese 2 (20 CPs. Sem. II. Bu.) CN3A2 Dr Xu Yuzeng**

This is the continuation subject for advanced stream students who have completed and passed CN2A-2. This subject is designed to broaden the scope of students communicative repertoire to include discussion of Chinese current affairs. The subject comprises Chinese newspaper reading and TV news broadcasts. Additionally, students view and discuss contemporary Chinese short films. Oral ability and aural comprehension on everyday topics are further extended.

**Prerequisite:** CN3A1, or coordinator's approval.

**Class requirements:** two 1-hour lecture and three 1-hour workshops per week.

**Assessment:** one 10-minute oral presentation (20%), two 500-word assignments (40%), one 2-hour end of Semester test (40%).

#### **Prescribed reading:**

Bai, J. et al, *Across the Straits*, China Books 1998.

Hong, G. *Chinese breakthrough: learning Chinese through TV and newspapers*, Cheng & Tsui 1994.

Li, Z. and Wang, S. *Newspaper Chinese ABC: an introductory reader*, Beijing Language Institute 1988.

#### **CHINESE 3 B-1: lower intermediate Chinese 1 (15 CPs. Sem. I. Bu.) CN3B1 Dr Gao Baoqiang**

The aims of this subject are to develop communicative competence in topics of everyday interest in Chinese society, to consolidate skills in simple correspondence and expository writing and to enhance oral and aural skills by viewing and discussing a Chinese feature film. Topics include eating at night markets and food stalls, overcrowding, education, religions and folk festivals.

The subject is divided into core skills (70%), and cultural program (30%).

**Prerequisite:** a C grade in CN2B2, or coordinator's approval.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** core skills – written exercises (20%), one oral test (20%), and one written test (30%) Cultural program – one assignment (10%), and one written test (20%).



**Prescribed reading:**

Mackerras, C. *Dragon's Tongue: transcript book*, Prog. 1-10, ABC 1990.  
Teng, S. *Taiwan today! An intermediate course*, Cheng and Tsui 1993.

**CHINESE 3 B-2: lower intermediate Chinese 2 (15 CPs. Sem. II. Bu.) CN3B2 Dr Gao Baoqiang**

The aims of this subject are to develop communicative competence in topics of everyday interest in Chinese society, to consolidate skills in simple correspondence and expository writing and to enhance oral and aural skills by viewing and discussing a Chinese feature film. Students read some micro stories published in China which satirise contemporary Chinese society. The subject is divided into core skills (70%), and cultural program (30%).

**Prerequisite:** CN3B1, or coordinator's approval.

**Class requirements:** two 1-hour lectures and three 1-hour tutorials.

**Assessment:** core skills — written exercises (20%), one oral test (20%), and one written test (30%) Cultural program — one assignment (10%), and one written test (20%).

**Prescribed reading:**

Faurot, J. *Glimpses of China: short fiction for Chinese study*, China Books, San Francisco 1994.

*Zhongdeng hanyu ting heshuo*, Beijing Language Institute 1990.

**CHINESE 3 B-3: lower intermediate Chinese 3 (10 CPs. Sem. II. Bu.) CN3B3 Dr Gao Baoqiang**

This subject is designed to allow BA and Bachelor of Asian Studies students to complement their study of Chinese 2A-2. Students view and discuss a feature film from China. They are taught to read the accompanying film script and to build role plays based on characters in the film. The chosen film, Great Wall of China deals with the clash of cultural values between China and the West. Oral and written skills are given equal balance in the subject. The subject includes role play, comprehension and reading exercises.

**Prerequisite:** CN3B1 or equivalent standard.

**Co-requisite:** CN3B2.

**Incompatible subject:** CN2A3.

**Class requirements:** one 2-hour workshop per week.

**Assessment:** two 500-character written exercises (40%), one 10-minute oral and aural test (30%), and one 1-hour examination (30%).

**Prescribed reading:**

Ma, J. *Great Wall of China script and workbook*. Cheng & Tsui 1993.

**CHINESE 3 GBC: gender and the body: the Chinese experience (Chinese language) (20 CPs. Sem. II. Bu.) CN3GBC Dr Anne McLaren**  
*See Chinese 2GBC for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CHINESE 3 ICS: in-country studies (60 CPs. Sem. I, II or Summer. Bu.) CN3ICS Dr Anne McLaren**

This subject consists of one Semester of study (usually 15 weeks) at an authorised university in China. Students undertake an intensive program in oral and written Chinese (Mandarin) and complete two assignments involving research and interviews in the Chinese language. Students who complete CN3ICS with at least a C grade (or equivalent) are eligible to enrol in an appropriate third year Chinese subject. Students enrolling in this subject must meet their own costs for airfare and living expenses in China.

**Prerequisite:** completion of any second year Chinese subject with at least a C grade pass or equivalent standard.

**Class requirements:** intensive course-work in China (approx. 15 to 20 hours per week) Students are required to attend briefings prior to departure.

**Assessment:** examinations to be taken in China (70%). Two research assignments written in Chinese (30%). Alternatively, an examination set by the subject coordinator on return to Australia.

**CHINESE 3 ICSD: in-country studies (20 CPs. Sem. I, II or Summer. Bu.) CN3ICSD**

This subject consists of four to six weeks of study at an authorised university in China. Students undertake an intensive program in oral and written Chinese (Mandarin) Students who complete CN3ICSD with at least a C grade (or equivalent) are eligible to enrol in an appropriate third year Chinese subject. Students enrolling in this subject must meet their own costs for airfare and living expenses in China.

**Prerequisite:** completion with at least C grade of any first year Chinese subject (40 credit points).

**Class requirements:** intensive course-work in China (approx. 15 to 20 hours per week) Students are required to attend briefings prior to departure.

**Assessment:** completion of required work in-country (80%), in-country report of 500-words (20%).

**CHINESE 3 ICSE: in-country studies (40 CPs. Sem. I, II or Summer. Bu.) CN3ICSE**

This subject consists of 10 to 12 weeks of study at an authorised university in China. Students undertake an intensive program in oral and written Chinese (Mandarin) Students who complete CN2ICSE with at least a C grade (or equivalent) are eligible to enrol in an appropriate second or third year Chinese subject. Students enrolling in this subject must meet their own costs for airfare and living expenses in China.

**Prerequisite:** completion of any second-year Chinese subject (40 credit points) to at least C-grade standard or equivalent.

**Class requirements:** intensive course-work in China (approx. 15 to 20 hours per week) Students are required to attend briefings prior to departure.

**Assessment:** completion of required work in-country (80%). in-country assignment of 500-words in Chinese and 500-words in English (20%).

**CHINESE 3 RCA: reading course (20 CPs. Sem. I. Bu.) CN3RCA Dr Anne McLaren**

*See Chinese 2RCA for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CHINESE 4 A-1: Chinese for professional and academic purposes 1 (20 CPs. Sem. I. Bu.) CN4A1 Dr Xu Yuzeng**

This is an advanced level language subject for students with substantial background in the Chinese language who wish to enhance their ability to use Chinese in professional and/or academic contexts. Students read and discuss material from such sources as newspapers, journals, contemporary literature, media broadcasts and films.

Students complete assignments in areas which focus on a practical application of Mandarin (Chinese) including in business, trade, tourism, education or linguistics. Students acquire skills in personal and business correspondence.

**Class requirements:** two 2-hour workshops per week.

**Assessment:** one 1,000 character translation (20%), two 500 character class assignments (40%), one oral test (10%), and one 1-hour examination (30%).

**Prescribed reading:**

Yang, H. *Chinese chitchat*, Beijing UP 1991.

Xu, Z. *Practical writing for foreigners*, Sinolingua Press 1994.

Zhao, H. *Business writing in Chinese*, Beijing Language and Culture University 1994.

**CHINESE 4 A-2: Chinese for professional and academic purposes 2 (20 CPs. Sem. II. Bu.) CN4A2 Dr Xu Yuzeng**

This is an advanced level language subject for students with substantial background in the Chinese language who wish to enhance their ability to use Chinese in professional and/or academic contexts. Students read and discuss material from such sources as newspapers, journals, contemporary literature, media broadcasts and films.

Students complete assignments in areas which focus on a practical application of Mandarin (Chinese) including, in business, trade, tourism, education or linguistics. Students acquire skills in personal and business correspondence.

**Class requirements:** two 2-hour workshops per week.

**Assessment:** one 1,000 character translation (20%), two 500 character class assignments (40%), one oral test (10%), and one 1-hour examination (30%).

**Prescribed reading:**

Yang, H. *Chinese chitchat*, Beijing UP 1991.

Xu, Z. *Practical writing for foreigners*, Sinolingua Press 1994.

Zhao, H. *Business writing in Chinese*, Beijing Language and Culture University 1994.

**CHINESE 4 B-1: readings in contemporary Chinese prose 1 (20 CPs. Sem. I. Bu.) CN4B1 Dr Anne McLaren**

This subject is designed to allow honours students to further extend their ability to translate primary data from Chinese into English. Readings are drawn mainly from cultural and literary topics on contemporary China.

**Class requirements:** one 2-hour workshop per week.

**Assessment:** one 2,000-word translation assignment.

**Prescribed reading:**

Hsu, V. *A reader in post-cultural revolution Chinese literature*, Chinese UP 1988.

Module of readings prepared by the lecturer.



**CHINESE 4 B-2: readings in contemporary Chinese prose 2 (20 CPs. Sem. II. Bu.)** **CN4B2 Dr Anne McLaren**

This subject is designed to allow honours students to further extend their ability to translate primary data from Chinese into English. Readings are drawn mainly from cultural and literary topics on contemporary China.

**Class requirements:** one 2-hour workshop per week.

**Assessment:** one 2,000-word translation assignment.

**Prescribed reading:**

Hsu, V *A reader in post-cultural revolution Chinese literature*, Chinese UP, 1988.

**Cinema Studies** **Dr Geoff Mayer**

All Cinema Studies students should enrol with the assistance of a Cinema Studies adviser of studies.

**Programs of study**

Students who wish to satisfy the degree requirements by taking a major in cinema studies must take at least 150 credit points, including at least 30 credit points of cinema studies at first year level, 40 credit points of cinema studies at second year level and 80 credit points of cinema studies at third year level.

Students who wish to satisfy the degree requirements by taking two sequences, one of which is in cinema studies, are required to take 110 credit points in cinema studies, including 30 credit points at first year level, 40 credit points at second year level and 40 credit points at third year level.

**First-year subjects** **15 credit points**  
**Sem.**

- 1 Cinema Studies 1 A: introduction to film analysis
- 2 Cinema Studies 1 B: history of film and film thought
- 2 Cinema Studies 1 C: making sense of the movies

**Second-year subjects** **20 credit points**

- 1 Cinema Studies 2 CUS: classical Hollywood 1914-1946
- 2 Cinema Studies 2 AM: contemporary American cinema

**Second or third year subjects** **20 credit points**

- 1 Cinema Studies 2 CC/3 CC: Chinese cinema
- 1 Cinema Studies 2 CIC/3 CIC: contemporary Italian cinema <sup>1</sup>
- 1 Cinema Studies 2 CRT/3 CRT: film criticism
- 1 Cinema Studies 2 DC/3 DC: documentary cinema
- 1 Cinema Studies 2 FN/3 FN: film and narrative <sup>1</sup>
- 1 Cinema Studies 2 GS/3 GS: genre studies: the gangster film
- 1 Cinema Studies 2 GSP/3 GSP: gender and spectatorship <sup>1</sup>
- 1 Cinema Studies 2 NCJ/3 NCJ: Japanese cinema <sup>1</sup>
- 1 Cinema Studies 2 SCR/3 SCR: the screenplay
- 1 Media Studies 2 PC/3 PC: popular culture
- 1 Media Studies 2 PS/3 PS: press and society
- 1 Media Studies 2 SM/3 SM: sex and the media
- 2 Cinema Studies 2 AC/3 AC: alternative cinema
- 2 Cinema Studies 2 ANI/3 ANI: animated film
- 2 Cinema Studies 2 BL/3 BL: film noir: alienation and darkness in the cinema <sup>1</sup>
- 2 Cinema Studies 2 CAC/3 CAC: contemporary Australian cinema
- 2 Cinema Studies 2 CF/3 CF: contemporary film
- 2 Cinema Studies 2 HA/3 HA: comedy <sup>1</sup>
- 2 Cinema Studies 2 MM/3 MM: melodrama and moral engagement
- 2 Cinema Studies 2 SCW/3 SCW: writing for the screen
- 2 Cinema Studies 2 TN/3 TN: television narrative <sup>1</sup>
- 2 Media Studies 2 MS/3 MS: media and the spectacular

**Third year subjects** **20 credit points**

- 1 Cinema Studies 3 RCA: reading course A <sup>2</sup>
- 1 Cinema Studies 3 VID: Introduction to video practice
- 2 Cinema Studies 3 RCB: reading course B <sup>2</sup>

**Key:** <sup>1</sup> Not available in 2000. <sup>2</sup> Special prerequisite. See the subject description.

**Honours**

To apply for entry to honours following completion of their degree, a student is normally expected to have completed at least 150 credit points of cinema studies subjects with an average mark of 75% or better. Application does not guarantee a place in the honours year, selection for which is based upon recommendations of lecturers and the Department's ability to provide adequate supervision.

Honours students are required to complete 60 credit points of course-work at fourth year level, including Cinema Studies 4 IM: issues and methods, taken at its earliest availability. In addition, an honours student is expected to submit a 12,000-word thesis on a topic approved by the Department and is entitled to an oral examination on the thesis. There is some possibility for an honours thesis to involve practical or production work. Inquiries should be directed to the fourth-year coordinator.

**Fourth or fifth year subjects** **40 credit points**

Cinema Studies 4 RC/5 RC: reading course

**20 credit points**

- 1 Cinema Studies 4 BH/5 BH: beyond heterosexuality: film and sexual politics <sup>1</sup>
- 1 Cinema Studies 4 CD/5 CD: cinema and cultural difference
- 1 Cinema Studies 4 IM/5 IM: issues and methods
- 1 Cinema Studies 4 RCA/5 RCA: reading course <sup>2</sup>
- 1 Cinema Studies 4 VID: introduction to video practice
- 2 Cinema Studies 4 ANC/5 ANC: Australian National cinema
- 2 Cinema Studies 4 IN/5 IN: film and interpretation <sup>1</sup>
- 2 Cinema Studies 4 RCB/5 RCB: reading course <sup>2</sup>
- 2 Cinema Studies 4 SFR/5 SFR: single film research <sup>1</sup>
- 2 Cinema Studies 4 TE/5 TE: film as text: a formal analysis of cinematic modes and style

**Key:** <sup>1</sup> Not available in 2000. <sup>2</sup> Special prerequisite. See the subject description.

**GRADUATE DIPLOMA IN HUMANITIES AND SOCIAL SCIENCES**

A Graduate Diploma in Humanities and Social Sciences is offered by the Department. See the Postgraduate volume of the *Handbook*.

**Subject descriptions**

**CINEMA STUDIES 1 A: introduction to film analysis (15 CPs. Sem. I. Bu.)** **C11A Mr Rick Thompson**

This subject provides basic tools and techniques for film analysis. The first section focuses on the structure and grammar of film narrative and its mechanisms for producing coherence and meaning. Topics include the classic narrative model, formalist analysis, mise en scène, large narrative structures, character formation, imagery and formal completeness. The second section of the subject addresses the cinema's relation to larger units beyond its dramatic or story content. Among these are concepts of the audience and the spectator, psychological models of the viewing situation, modernism and ambiguity, gender and issues of national cinema.

**Class requirements:** one 3-hour screening, one 1-hour lecture, one 1-hour tutorial per week.

**Assessment:** one technical vocabulary exercise (10%), one 1,000-word mise en scène analysis (20%), one 500-word analysis of a critical article (20%), and one 2,000-word essay (50%).

**Preliminary reading:**

Bordwell, D. and Thompson, K. *Film art: an introduction*, McGraw-Hill 1997.

**CINEMA STUDIES 1 B: history of film and film thought (15 CPs. Sem. II. Bu.)** **C11B Mr Rick Thompson**

This subject examines two parallel, linked developments, that of the cinema itself, in terms of technology, industry, style, form and responses to social and cultural phenomena and that of film thought, that is, the succession and variety of ways devised to think about, analyse and understand the cinema in its various contexts and stages. Different concepts of history and historical operations are examined, as is the canon of 'classic' films which constitute a certain received cinema history. Attention is given to key national cinemas and aesthetic movements.

**Quota:** 200. Places will be allocated on a first come, first served basis with places allocated across enrolment sessions.

**Class requirements:** one 3-hour screening, one 1-hour lecture, one 1-hour tutorial per week.

**Assessment:** one film extract exercise (20%), one research skills exercise (20%), and one 2,500-word essay (60%).

**Preliminary reading:**

Bordwell, D. and Thompson, K. *Film history: an introduction*, McGraw-Hill 1994.

**CINEMA STUDIES 1 C: making sense of the movies (15CPs. Sem. II. Bu.)** **C11C Dr Adam Knee**

In this subject different approaches to interpreting films will be examined. These may include: debates about film as a new twentieth century art form and as popular culture; conflicting ideas about authorship in cinema; genre films as myth or ritual; concepts of the film spectator and questions of gender, race and sexuality; national cinema and identity; post-modern and postcolonial critiques. A wide range of films will be screened.

**Quota:** 200. Places will be allocated on a first come, first served basis with places allocated across enrolment sessions.

**Class requirements:** one 3-hour screening, one 1-hour lecture, one 1-hour tutorial per week.

**Assessment:** one 1,500-word essay (40%), and five take home tests (2,500-words equivalent) (60%).

**Recommended reading:**

Nichols, B. *Movies and methods*, Vol 1, University of California Press 1985.

**CINEMA STUDIES 2 AC: alternative cinema (20 CPs. Sem. II. Bu.) C12AC Mr Rolando Caputo**

In this subject, a number of alternative film making practices are examined. The subject will include an analysis of the relationship of alternative film making practices to those of the mainstream.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 2,000-word essay (40%), and one 3,000-word essay (60%).

**Recommended reading:**

Krauss, R. E. 'The originality of the avant-garde', *The originality of the avant-garde and other modernist myths*, The MIT Press 1986.

Mathews, J. H. 'Introduction', *Surrealism and film*, University of Michigan Press 1971.

Mulvey, L. 'Feminism, film and the avant-garde', *Framework*, 10, Spring 1979.

**CINEMA STUDIES 2 AM: contemporary American cinema (20 CPs. Sem. II. Bu.) C12AM Dr Felicity Collins**

After a long period of stability, the collapse of the Hollywood studio system initiated rapid cycles of change which are now the norm for American cinema. This subject surveys the current situation of American cinema, examining key events and forces in several areas. These include the rise of the independent filmmaking sector, the 'New Hollywood' and the 'film school generation' of the 60s and 70s, narrative and stylistic innovations and responses to modernist and art cinema, the avant-garde, implications of television, genre evolution – new genres and revisionism, the high concept film, the impact of new technologies, and response to new social forces. This is the companion subject to Cinema Studies 2CUS.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Class requirements:** one 3-hour screening/lecture, one 1-hour tutorial per week.

**Assessment:** two 2,500-word assignments (50% each).

**Recommended reading:**

Balio, T. (ed.) *Hollywood in the age of television*, Unwin Hyman 1990.

Maltby, R., Craven, I. *Hollywood cinema*, Blackwell 1995.

Wasko, J. *Hollywood in the information age*, U of Texas Press 1994.

**CINEMA STUDIES 2 ANI: animated film (20 CPs. Sem. II. Bu.) C12ANI Mr Rick Thompson**

Scholarly literature about animated film has expanded rapidly in the past decade. In this subject students will survey that literature and through it the history of film animation, technical aspects and changes, style and the development of different styles, aesthetics, and national cinema issues. Particular attention will be given to US studio animation, Japanese anime, experimental/non-commercial work, current areas of animation work, relation of animated film to other media, character animation, major figures in animation, and the place of animation in Australian cinema.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 2,000-word essay (40%), and one 3,000-word essay (60%).

**Prescribed reading:**

Pilling, J. (ed.) *A reader in animation studies*, John Libbey 1997.

**Preliminary reading:**

Bendazzi, G. *One hundred years of cinema animation*, Indiana U Press 1995.

**CINEMA STUDIES 2 BL: film noir: alienation and darkness in the cinema (20 CPs. Sem. II. Bu.) C12BL Dr Geoff Mayer**  
Not available 2000.**CINEMA STUDIES 2 CAC: contemporary Australian cinema (20 CPs. Sem. II. Bu.) C12CAC Dr Felicity Collins**

In this subject students will investigate the relation between contemporary Australian cinema and national identity. Independent short films, mainstream features, and prestige art-house films will be examined in terms of established cycles and trends in Australian film

history, including: urban comedy and the great Australian ugliness; myths of masculinity and mateship; father-daughter reconciliations; the bush and purgatorial narratives; the maternal imaginary in women's films; Aboriginality and repressed memory. Cinema will be considered as an inter-subjective public sphere where identity can be lost, found and contested.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 2000-word essay (50%), and two 1500-word assignments (25% each).

**Recommended reading:**

Dermody, S., Jacka, E. (eds) *The imaginary industry: Australian film in the late 80s*, AFTRS 1988.

Jennings, K. *Sites of difference: cinematic representations of Aboriginality and gender*, AFI 1993.

O'Regan, T. *Australian national cinema*, Routledge 1996.

**CINEMA STUDIES 2 CC: Chinese cinema (20 CPs. Sem. I. Bu.) C12CC**

Chinese cinema from Hong Kong and mainland China along with other Asian national cinemas have been established as the most internationally prominent non-Western cinemas over the last few decades. This subject emphasises current cinema, but also examines the historical roots of Chinese and other Asian cinematic cultures from its earliest days. Particular emphasis will be placed on the so-called Fifth Generation of mainland Chinese filmmakers like Zhang Yimou and Chen Kaige, Hong Kong's commercial cinema in the run-up to the return to the mainland, and both the popular and art cinemas from other Asian nations. We will examine films and film movements in the context of both aesthetic and socio-political developments, and of relevant theoretical issues including cultural difference, postcoloniality, gender, and postmodernity.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Incompatible subject:** Chinese 2 LCC/3 LCC.

**Quota:** 40. This includes eight places for Asian Studies majors.

Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 3,500-word research essay (50%), and one 1,500-word review essay (35%), seminar participation (15%).

**Recommended reading:**

Berry, C. (ed.) *Perspectives on Chinese cinema*, British Film Institute 1991.

Chow, R. *Primitive passions*, Cornell UP 1996.

**CINEMA STUDIES 2 CF: contemporary film (20 CPs. Sem. II. Bu.)****C12CF Ms Anna Dzenis**

In this subject, through close textual and theoretical analysis, students will study contemporary cinema from The French New Wave to Art House Cinema to the latest Hollywood blockbusters. Issues to be considered include: theories of visuality; debates about popular culture; post-modern strategies; digital aesthetics; identity and biography; cyborgs and new technology; the road movie; new Hollywood cinema; the 'Film School' generation and authors of the independent sector. Films screened will be selected from the work of Godard, Bigelow, Burton, Tarantino, Lee, Hartley, Ferrara, the Coens, De Palma and Cameron among others. Contemporary Australian film will also be included in this context.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 2,000-word essay (35%), one 3,000-word essay (65%).

**Recommended reading:**

Bordwell, D., Carroll, N. (eds) *Post-theory reconstructing film studies*, University of Wisconsin Press 1996.

**CINEMA STUDIES 2 CIC: contemporary Italian cinema (20 CPs. Sem. I. Bu.) C12CIC Mr Rolando Caputo**  
Not available 2000.**CINEMA STUDIES 2 CRT: film criticism (20 CPs. Sem. I. Bu.) C12CRT**

Mr Rick Thompson and Ms Anna Dzenis

This subject examines how and why criticism is written. Topics discussed include the induction of critical models and the historical

development of film criticism; major issues, such as realism, style/content distinctions, and social utility claims; critical strategies; and the proper objectives of criticism. Great emphasis will be put on writing (and rewriting); students must be prepared to write frequently, to discuss writing in detail, and to analyse and workshop their own essays and those of their colleagues.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 3-hour lecture/tutorial/workshop per week.  
**Assessment:** six 800-word essays of equal value.

**CINEMA STUDIES 2 CUS: classical Hollywood 1914–1946 (20 CPs. Sem. I. Bu.) C12CUS Dr Geoff Mayer**

The Hollywood Cinema is often perceived as an excessively obvious cinema. This subject examines the development and consolidation of the 'classical Hollywood' style from the silent period through to the transformation of the studio system in the late 1950s and early 1960s. The focus of the subject consists of a critical examination of the supposition that between 1917 and 1960 a distinct and homogeneous style dominated American film making. Selected case studies will be undertaken, including the transformation from 'primitive' to 'classical style' between 1908 and 1917, the development of the studios in the 1920s, censorship and the 'fallen women' cycle from 1930 to 1934, 'screwball' comedy in the 1930s, the formal and ideological impact of World War 2 on American film, generic mutation and changing audiences in the 1950s.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Class requirements:** one 3-hour screening/lecture, one 1-hour tutorial per week.

**Assessment:** two 2,000-word essays (80%), one 1,000-word tutorial assignment (20%).

**Preliminary reading:**

Maltby, R. Craven, I. *Hollywood cinema*, Blackwell 1995.

Klinger, B. *Melodrama and meaning. History, culture and the films of Douglas Sirk*, Indiana University Press 1994.

Koszarski, R. *An evening's entertainment: the age of the silent feature picture 1915–1928*, Collier Macmillan 1990.

Schickel, R. *Double indemnity*, B. F. I. Film Classics 1992.

**CINEMA STUDIES 2 DC: documentary cinema (20 CPs. Sem. I. Bu.) C12DC**

Documentaries and features are the two dominant cinematic forms. Yet, documentaries receive less attention on the mistaken assumption that they are transparently obvious. This subject aims to show that what passes for truth is often stranger than fiction, and more exciting, too. We will learn the characteristics of key documentary genres, such as *cinema vérité*, diary films, oral history films, ethnographic filmmaking, and interview films. We will explore key issues such as claims to truth, treatment of human subjects, and the filmmaker's voice. Films screened will be both local and international.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 2,000-word essay (40%) one 3,000-word essay (60%).

**Recommended reading:**

Nichols, B. *Representing reality: issues and concepts in documentary*, Indiana UP 1991.

Renov, Michael, (ed.) *Theorizing documentary*, New York: Routledge 1993.

**CINEMA STUDIES 2 FN: film and narrative (20 CPs. Sem. I. Bu.) C12FN Ms Anna Dzenis**

*Not available 2000.*

**CINEMA STUDIES 2 GS: genre studies (20 CPs. Sem. I. Bu.) C12GS Mr Rolando Caputo**

The gangster story and its attendant mythologies is used as the basis for this study in film genre. The examples are drawn primarily from the American cinema of the 1930s to the present, though a comparative study is also made with models of the genre from Japanese, French and Hong Kong cinemas. Topics covered include: the evolution of genre styles from classical, mannerist, neo-baroque to post-modern; gangster films as allegories on success and fame in modern society; issues on the representation and performance of masculinity and power; gangster narratives as tragic drama. Films analysed include: *Scarface*, *The Godfather*, *Goodfellas*, *The Killer*.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 3,000-word essay (60%), one 2,000-word take-home test (40%).

**Prescribed Reading:**

Alloway, L. *Violent America: the movies 1946–1964*, Museum of Modern Art 1971.

Ruth, D. E. *Inventing the public enemy: the gangster in American culture, 1918–1934*, Chicago UP 1996.

Sklar, R. *City boys: Cagney, Bogart, Garfield*, Princeton UP 1992.

**CINEMA STUDIES 2 GSP: gender and spectatorship (20 CPs. Sem. I. Bu.) C12GSP Dr Felicity Collins**

*Not available 2000.*

**CINEMA STUDIES 2 HA: comedy (20 CPs. Sem. II. Bu.) C12HA Mr Richard Thompson**

*Not available 2000.*

**CINEMA STUDIES 2 MM: melodrama and moral engagement (20 CPs. Sem. II. Bu.) C12MM Dr Geoff Mayer**

The aim of this subject is to give students a better understanding of melodrama and its function and significance in the study of the cinema. Students will examine: melodrama and tragedy as alternative structures; melodrama and alternative narrational forms such as the 'propaganda' and 'agitational' film; melodrama and the perceived 'subversive' qualities of the 1950s domestic dramas directed by Douglas Sirk, Nicholas Ray and others and melodrama as an aesthetic strategy determined to provoke a sequence of emotional responses in the audience.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40: Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** two 2,000-word essays (40% each), and one tutorial paper (20%).

**Prescribed readings:**

Brooks, P. *The melodramatic imagination: Balzac, Henry James, melodrama and the mode of excess*, Yale UP 1995.

Gledhill, C. (ed.) *Home is where the heart is: studies in melodrama and the woman's film*, British Film Institute 1987.

Smith, M. *Engaging characters. fiction, emotion and the cinema*, Oxford UP 1995.

**CINEMA STUDIES 2 NCJ: Japanese film (20 CPs. Sem. I. Bu.) C12NCJ Mr Chris Berry**

*Not available 2000.*

**CINEMA STUDIES 2 SCR: the screenplay (20 CPs. Sem. I. Bu.) C12SCR Mr Rick Thompson and Mr Rolando Caputo**

In this subject the screenplay is examined in several ways. As literature and as a problematic case for narrative analysis, as the special case of adaptation, as an industrial component, as a site for comparative analysis between practices in different national cinemas and as a process of transition, a system to be transformed by or into *mise en scène*. Study examples include screenplays for classical and modern practitioners such as Jean-Claude Carrière, the Coen brothers, Preston Sturges, the Préverts and Quentin Tarantino.  
**Incompatible subject:** C12NC/C13NC.

**Prerequisite:** 30 credit points of first year cinema studies or coordinators approval.

**Quota:** 40. Determined by academic merit. Preference will be given to third year students.

**Class requirements:** one 1-hour lecture, one 1-hour tutorial, and one 2-hour screening/demonstration per week.

**Assessment:** one 2,000-word essay (40%), and one 3,000-word essay (60%).

**Preliminary reading:**

Carrière, J. C. *The secret language of film*, Faber & Faber 1994.

Corliss, R. *Talking pictures: screenwriters in the American cinema*, Overlook 1979.

Horton, A. *Writing the character-centred screenplay*, University of California Press 1994.

Winston, D. G. *The screenplay as literature*, Fairleigh Dickinson University Press 1973.

**CINEMA STUDIES 2 SCW: writing for the screen (20 CPs. Sem. II. Bu.) C12SCW**

This subject introduces students to the craft of writing for television and film by examining the conventions of film and television screenplay form with an emphasis on fiction. Students are required to produce screenplays in various formats and to participate in the workshoping process. Current fashions and debates to do with characterisation, narrative and structure are also introduced.

*Prerequisite:* 30 credit points of first year cinema studies or coordinators approval.

*Quota:* 48: Determined by academic merit. Preference will be given to third year students.

*Class requirements:* one 1-hour lecture, one 2-hour tutorial per week.

*Assessment:* one 800-word fiction script (15%), one 2,500-word fiction screenplay (50%), one 1,500-word essay (25%), and participation and contribution in workshops (10%).

**Recommended reading:**

Horton, A. *Writing the character-centred screenplay*, University of California Press 1994.

Sega, L. *Making a good script great*, 2nd edn, Samuel French 1994.

Vogler, C. *The writer's journey*, Michael Wiese Productions 1992.

**CINEMA STUDIES 2 TN: television narrative (20 CPs. Sem. II. Bu.)**

**C12TN** Ms Anna Dzenis

Not available 2000.

**CINEMA STUDIES 3 AC: alternative cinema (20 CPs. Sem. II. Bu.)**

**C13AC** Mr Rolando Caputo

See *Cinema Studies 2 AC* for full subject description.

*Prerequisite:* 20 credit points of second year Cinema Studies or coordinator's approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 ANI: animated film (20 CPs. Sem. II. Bu.) C13ANI**

Mr Rick Thompson

See *Cinema Studies 2 ANI* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 BL: film noir: alienation and darkness in the cinema (20 CPs. Sem. II. Bu.) C13BL**

Dr Geoff Mayer

Not available 2000.

**CINEMA STUDIES 3 CAC: contemporary Australian cinema (20 CPs. Sem. II. Bu.) C13CAC**

Dr Felicity Collins

See *Cinema Studies 2 CAC* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 CC: Chinese cinema (20 CPs. Sem. I. Bu.) C13CC**

See *Cinema Studies 2 CC* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 CF: contemporary film (20 CPs. Sem. II. Bu.)**

**C13CF** Ms Anna Dzenis

See *Cinema Studies 2 CF* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 CIC: contemporary Italian cinema (20 CPs. Sem. I. Bu.) C13CIC**

Mr Rolando Caputo

Not available 2000.

**CINEMA STUDIES 3 CRT: film criticism (20 CPs. Sem. I. Bu.) C13CRT**

Mr Rick Thompson and Ms Anna Dzenis

See *Cinema Studies 2 CRT* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 DC: documentary cinema (20 CPs. Sem. I. Bu.) C13DC**

See *Cinema Studies 2 DC* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 FN: film and narrative (20 CPs. Sem. I. Bu.)**

**C13FN** Ms Anna Dzenis

Not available 2000.

**CINEMA STUDIES 3 GS: genre studies (20 CPs. Sem. I. Bu.) C13GS**

Mr Rolando Caputo

See *Cinema Studies 2 GS* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 GSP: gender and spectatorship (20 CPs. Sem. I. Bu.) C13GSP**

Dr Felicity Collins

Not available 2000.

**CINEMA STUDIES 3 HA: comedy (20 CPs. Sem. II. Bu.) C13HA**

Mr Richard Thompson

Not available 2000.

**CINEMA STUDIES 3 MM: melodrama and moral engagement (20 CPs. Sem. II. Bu.) C13MM**

Dr Geoff Mayer

See *Cinema Studies 2 MM* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 NCJ: Japanese film (20 CPs. Sem. I. Bu.)**

**C13NCJ** Mr Chris Berry

Not available 2000.

**CINEMA STUDIES 3 RCA: reading course A (20 CPs. Sem. I. Bu.)**

**C13RCA**

See *Cinema Studies 3RCB* entry below.

**CINEMA STUDIES 3 RCB: reading course B (20 CPs. Sem. II. Bu.)**

**C13RCB**

This subject provides selected students with an opportunity to make a more detailed study of some particular aspect of film study. A program of reading, discussion and written work is organised.

*Prerequisite:* coordinator's and lecturer's approval.

*Class requirements:* assessment and readings are determined for individual cases.

**CINEMA STUDIES 3 SCR: the screenplay (20 CPs. Sem. I. Bu.)**

**C13SCR** Mr Richard Thompson and Mr Rolando Caputo

See *Cinema Studies 2 SCR* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 SCW: writing for the screen (20 CPs. Sem. II. Bu.) C13SCW**

See *Cinema Studies 2 SCW* for full subject description.

*Prerequisite:* 20 credit points of second year cinema studies or coordinators approval.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**CINEMA STUDIES 3 TN: television narrative (20 CPs. Sem. II. Bu.)**

**C13TN** Ms Anna Dzenis

Not available 2000.

**CINEMA STUDIES 3 VID: introduction to video practice (20 CPs. Sem. I. Bu.) C13VID**

Many students find it advantageous to bring their theoretical and analytical skills into a practical context. Through a series of screenings, seminars and workshops, students are introduced to basic video

technology and the formal and creative process of video production. Short film and video works provide case studies for consideration. Creative collaboration is emphasised.

**Quota:** 20. First preference is given to fourth year cinema studies students and second preference to cinema studies majors.

**Prerequisite:** 20 credit points of second year cinema studies or coordinators approval.

**Class requirements:** one 4-hour seminar/workshop per week.

**Assessment:** one practical work (50%), one 1,500-word essay on the production process (15%), and one 1,500-word essay contextualising the practical work within a broader context (35%).

**CINEMA STUDIES 4 ANC: Australian national cinema (20 CPs. Sem. II. Bu.) CI4ANC Dr Felicity Collins**

In this subject students examine the importance of national identity in the Australian film industry since 1970. Topics include: the bush legend, mateship and the male ensemble film; landscape and nostalgia in the period drama; 1970s ocker comedies, the suburban grotesque films of the 1990s; art cinema and the tradition of loss, defeat and purgatorial narratives; the influence of international cinema; festival film and the export of authors and actors to Hollywood. A range of feature, documentary, short films will be screened. **Class requirements:** one 4-hour screening/seminar per week. **Assessment:** one 2,000-word seminar paper (40%), and one 3,000-word essay (60%).

**Preliminary reading:**

Dermody, S. and Jacka, E. *The screening of Australia*, Vol. 2, Currency 1988.

McFarlane, B., Mayer, G. and Bertrand, I. (eds) *The Oxford companion to Australian film*, Oxford 1999.

Moran, A., and O'Regan, T. (eds) *The Australian screen*, Penguin 1989.

**Prescribed reading:**

O'Regan, T. *Australian national cinema*, Routledge 1996.

McFarlane, B. and Mayer, G. *New Australian cinema*, Cambridge 1992.

**CINEMA STUDIES 4 BH: beyond heterosexuality: film and sexual politics (20 CPs. Sem. I. Bu.) CI4BHM Mr Chris Berry**  
*Not available 2000.*

**CINEMA STUDIES 4 CD: cinema and cultural difference (20 CPs. Sem. I. Bu.) CI4CD**

This subject traces the engagement of western film criticism and theory with non-western cinemas as an aspect of colonialism and neo-colonialism. Theories and concepts such as the idea of 'national' cinemas, Third Cinema, orientalism, and post-coloniality are linked to the history of the production of non-western film and their reception in western cultures. Films examined range from Chinese, Japanese and Indian cinema through to the emergence of non-western films produced within western culture by migrant filmmakers.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 1,500-word essay (35%), one 3,500-word essay (55%), and seminar participation (10%).

**Recommended readings:**

Pines, J., Willemen, P. *Third cinema*, British Film Institute 1990.

Williams, P. and Chrisman, L. *Colonial discourse and post-colonial theory*, Cornell UP 1994.

**CINEMA STUDIES 4 IM: issues and methods (20 CPs. Sem. I. Bu.) CI4IM Dr Felicity Collins**

This subject is compulsory for all honours, postgraduate diploma and masters by course-work students and must be taken at the first opportunity. The aim of the subject is to develop research skills and an understanding of the research process. Students will nominate a research topic in the first week of semester and undertake a range of tasks aimed at developing competency in defining a significant research question, library research, identifying the elements of a good argument, finding and reviewing an authoritative article on the chosen topic, using MLA citation style, advanced database and internet research, presenting research findings in a seminar paper and producing an annotated bibliographical essay.

Students are expected to participate in seminar discussions which class a range of issues in cinema studies.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** seminar participation (10%), one 2,000-word review essay (40%), and one 3,000-word annotated bibliographical essay (50%).

**Prescribed reading:**

Booth et al (eds) *The craft of research*, Chicago UP 1995.

Gibaldi, J. *MLA Handbook for writers of research papers*, 4th edn, MLA of America 1995.

**CINEMA STUDIES 4 IN: film and interpretation (20 CPs. Sem. II. Bu.)**

**CI4IN Dr Geoff Mayer**

*Not available 2000.*

**CINEMA STUDIES 4 RC: reading course (40 CPs. All year. Bu.) CI4RC**

*See Cinema Studies 4 RCB for full subject description.*

**CINEMA STUDIES 4 RCA: reading course A (20 CPs. Sem. I. Bu.) CI4RCA**

*See Cinema Studies 4 RCB for full subject description.*

**CINEMA STUDIES 4 RCB: reading course B (20 CPs. Sem. II. Bu.) CI4RCB**

Students may take up to 40 credit points of a reading course as part of their program. An individual program of reading, discussion and written work on a topic of interest to the student is formulated in consultation with an appropriate member of staff, who agrees to supervise the work and act as examiner. This arrangement must be approved by the Cinema Studies postgraduate coordinator before a student can enrol in this subject.

**Prerequisite:** approval of supervising staff member and Chairperson of Department.

**Class requirements:** regular sessions are arranged by the student and supervisor.

**Assessment:** as arranged between student and supervisor, totalling a maximum of 5,000-words or equivalent for each of CI4RCA/CI5RCA and CI4RCB/CI5RCB, or 10,000-words for CI4RC/CI5RC.

**CINEMA STUDIES 4 SFR: single film research (20 CPs. Sem. II. Bu.) CI4SFR Mr Rick Thompson**

*Not available 2000.*

**CINEMA STUDIES 4 TE: film as text: a formal analysis of cinematic modes and styles (20 CPs. Sem. II. Bu.) CI4TE Dr Geoff Mayer**

In this subject students will examine the historical modes of cinematic narration with particular emphasis on the formal characteristics of each mode. This examination incorporates the role of style and its relationship to the spectator. The Formalist assumption of an aesthetic realm distinct from, but dependent upon, non aesthetic factors such as cultural influences will also be examined. The concepts underlying the classical mode and the art-cinema mode will be studied thoroughly although other cinematic modes will also be introduced throughout the subject.

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** one 1,000-word tutorial assignment (20%), and two 2,000-word essays (80%).

**Preliminary reading:**

Maltby, R. and Craven, I. *Hollywood cinema: an introduction*, Blackwell 1995.

**Prescribed reading:**

Thompson, K. *Breaking the glass armor: neoformalist film analysis*, Princeton 1988.

Bordwell, D. *Narration in the fiction film*, Methuen 1985.

**CINEMA STUDIES 4 VID: introduction to video practice (20 CPs. Sem. I. Bu.) CI4VID**

*See Cinema Studies 3 VID for full subject description.*

**Class requirements:** one 4-hour screening/seminar per week.

**Assessment:** fourth year students will be expected to show a greater achievement of discipline specific skills in their written work than third year students.

**Development studies Dr Alberto Gomes (Sociology)**

Since 1945, national governments, international agencies (such as the United Nations, the World Bank and USAID) and non-governmental organisations have pursued programs of social and economic change, referred to as 'development' or 'modernisation', for people mainly in Africa, Latin America and Asia. These programs are aimed explicitly at improving the welfare of people and relieving social problems such as poverty, disease, landlessness, economic 'backwardness', inequality and illiteracy. Keeping in step with the implementation of development programs are studies about developmental issues, emanating from a range of disciplines, including anthropology, economics, history, law, politics and sociology. While some of these advocate certain developmental theories, policies and practices, several provide critical evaluations of developmental issues and programs.

The Development Studies Program enables students to become familiar with and acquire an understanding of, the various developmental issues covered in several selected subjects (listed below) offered from a range of disciplines across the University. Issues assessed in the various subjects include development and underde-



velopment, imperialism, dependency, the emergence of newly-industrialising countries (particularly in East Asia) gender and development and global environmental problems.

#### Programs of study

Students may take a major in development studies, structured according to the following requirements:

The major of eight semester subjects should include:

- two first-year subjects in economics, history, legal studies, politics, sociology or anthropology,
- two semester subjects or equivalent at second-year level, selected from the list of approved development studies subjects,
- four semester subjects or equivalent at third-year level, selected from the list of approved development studies subjects and
- subjects from at least two different disciplines.

#### Important notice

Not all of the subjects listed below will be available every year. Full details of the individual subjects and their prerequisites are provided under the relevant discipline entry.

#### Asian Studies subjects

Asian Studies 1 ITA-A: introduction to Asia A: politics, society and culture

Asian Studies 1 ITA-B: introduction to Asia B: politics, society and culture

#### Economics subjects

Consult the Chair of Development Studies.

#### History subjects

History 1 AMI: the conquest of the Americas: Aztecs, Incas, Mayans and Spaniards

History 1 ILA: Latin American history through film and popular culture 1820-2000

History 2 COA/3 COA: the cold war

History 2 PSA/3 PSA: peasants and politics in Latin America

History 2 W/3 W: the world since 1945

#### Linguistics subjects

Linguistics 2 CC/3 CC: cross cultural communication

#### Politics subjects

Politics 1 IR-A: world in transition: states, nation and security and culture

Politics 1 IR-B: world in transition: economy, environment and human rights

Politics 2 CBP/3 CBP: comparative business and politics

Politics 2 CP/3 CP: Chinese politics

Politics 2 ER/3 ER: the politics of economic regions: Europe, Asia-Pacific, North America

Politics 2 F: international relations: the cold war and the great powers since 1945

Politics 2 IL/3 IL: international law and international organisation

Politics 2 JP/3 JP: Japanese politics

Politics 2 PC/3 PC: peace and change

Politics 2 PE/3 PE: politics and the economy

Politics 2 SA-1/3 SA-1: understanding South Asia: the roots of democracies and dictatorships

Politics 2 SA-2/3 SA-2: understanding South Asia: dynamism, divisions, directions

Politics 2 SEA/3 SEA: boom and bust in Southeast Asia

#### Sociology and Anthropology subjects

Anthropology 1 AG: introduction to anthropology

Anthropology 1 AJ: introduction to anthropology

Anthropology 2 ABS/3 ABS: Aborigines and the state

Anthropology 2 PCP/3 PCP: post-colonial perspectives

Anthropology 2 TD/3 TD: development, culture and society

Sociology 1 SE: introduction to sociology: self and community

Sociology 1 SL: introduction to sociology: Australia and beyond

Sociology 2 BM/3 BM: back to the modern

Sociology 2 SMV/3 SMV: social movements

Sociology 2 SPF/3 SPF: contesting social policy: the feminist challenge

Sociology 2 SWP/3 SWP: social policy, welfare and the state

Other subjects may be available, by agreement with the area coordinator.

#### Honours

The Faculty offers a Bachelor of Arts with Honours in development studies for students who have completed either a Bachelor of Arts or a Bachelor of Economics. Students who intend to undertake honours in development studies are normally expected to have completed a development studies major with a B average at third year level.

Interested students who do not satisfy these requirements are encouraged to consult the Chair of the Development Studies Committee. Economics graduates must satisfy the eligibility requirements for entry to the Bachelor of Economics honours program. Students enrolled in the pass degree who hope to proceed to honours would contact the chair of the committee as early as possible in their course.

The course consists of a research thesis of 12,000 to 15,000- words, together with three, fourth year subjects from different disciplines, determined in negotiation with the lecturers in charge and the chair of the Development Studies Committee.

Subjects must be taken from at least two of the participating Schools or departments, which are Agriculture, Economics, Education, English, History, Law and Legal Studies, Philosophy, Politics and Sociology & Anthropology.

#### English Professor Richard Freadman

Subjects offered in the School of English reflect the broad and heterogeneous nature of the discipline. The subjects embrace a variety of literary traditions and formations and diverse critical approaches and methodologies. Some draw upon the practices of other disciplines and areas of study and provide a context and a focus for the exploration of new ideas that emerge from the cross-fertilisation of diverse fields of study. Subjects include English literature from the Renaissance to the present day, Australian literature, American literature, new literatures in English, women's literature, studies in biography and autobiography, creative writing, cultural studies, psychoanalytic theory and the relations between medical, psychoanalytic and literary discourses and literary theory.

#### Programs of study

Students who wish to satisfy the degree requirements by taking a major in English are required to take a minimum of 150 credit points of English. 190 credit points of English are required for admission to honours in English.

The normal pattern for an English major is 30 credit points at first year level, 40 credit points at second year level and 80 credit points at third year level. Variations of this are possible.

Students intending to complete a major in English are strongly advised to include in their course a selection of literature from different periods and in different genres.

In order to ensure an appropriate spread of subjects and to avoid overlap, students may be prohibited from taking both a drama subject offered by the School of Arts and Media and a School of English subject in drama if three or more texts are prescribed in common on the reading lists of the two subjects.

The School welcomes part-time students and offers lectures and tutorials after 5 pm in at least one subject at each level, every year.

#### Availability of subjects

When planning a major or a sequence, students should note that subjects which are available in one year may not necessarily be available in the next. In some instances, each of a pair of subjects is offered in alternate years. Every effort is made by the School to give a year's notice when a subject is to be withdrawn the following year, but unforeseen circumstances may preclude such advance notice. If the enrolments for any second or third year subject fail in any year to reach the minimum figure considered viable by the School, the subject will lapse for that year.

#### Readings

Readings are listed in each subject entry in the order in which they are studied. Lecturers and tutors normally use the edition of the set texts available from the University Bookshop.

#### Attendance requirements

Attendance at lectures and tutorials is obligatory. In order to pass any English subject, it is necessary to have submitted all the written work for the subject. This written work may include examinations as well as written assignments and is detailed in the entry for each subject. The final date for submission of written work will be included in information given to students at the beginning of each subject.

#### English expression requirements

In order to pass any English subject, students must attain an acceptable standard of English expression. Tutors will offer guidance with expression difficulties and further help with language and literacy problems is available from the Humanities Academic Skills Unit or from the Language and Academic Skills (ESL) Unit located in the Humanities 3 building. The School's conventions of style and format are specified in the section on essay writing in the Essential Guide available to students and must be followed in the preparation of all written work.

#### Prerequisites

30 credit points of first-year English is the prerequisite for second-year English.

40 credit points of second-year English is the prerequisite for third-year English.



## Organisation of subjects

### First year subjects 15 credit points

- Sem.**
- 1 English 1 AF: autobiography and fiction
  - 1 English 1 CTT: introduction to literature: texts over time
  - 1 English 1 LCT-1: literature, criticism, theory
  - 1 English 1 SRP: spirituality and rites of passage
  - 2 English 1 CVN: classic Victorian novels: becoming an adult in the nineteenth century
  - 2 English 1 TCV: text, criticism and the visual
  - 2 English 1 WL: writing your own life

### Second or third year subjects 20 credit points

- 1 English 2 ALT/3 ALT: American literature of the 20th century
- 1 English 2 FMC/3 FMC: Freud and modern comedy
- 1 English 2 IB/3 IB: inventing the bush
- 1 English 2 IE/3 IE: India in English
- 1 English 2 ME/3 ME: introduction to medieval literature
- 1 English 2 RJA/3 RJA: re-reading Jane Austen
- 1 English 2 RM/3 RM: re-situating modernism: colonial and post-independence contexts
- 1 English 2 RP/3 RP: romantic poetry <sup>1</sup>
- 1 English 2 SAA/3 SAA: seeing 'Asia': Australian constructions <sup>1</sup>
- 1 English 2 SCA/3 SCA: Shakespeare and contemporaries <sup>1</sup>
- 1 English 2 TAL/3 TAL: twentieth-century Australian literature: inventing the past <sup>1</sup>
- 1 English 2 WWA/3 WWA: women writing <sup>1</sup>
- 1/2 English 2 RC/3 RC: individual readings
- 2 English 2 AFR/3 AFR: Afro-American popular culture: an introduction
- 2 English 2 CAP/3 CAP: cultural identities in Australian poetry <sup>1</sup>
- 2 English 2 CFT-2/3 CFT-2: contemporary feminist thought - Part 2<sup>1</sup>
- 2 English 2 GRO/3 GRO: growing up in Australia: contemporary Australian autobiography
- 2 English 2 JCP/3 JCP: Jung's cultural psychology
- 2 English 2 MN/3 MN: medieval narrators and narratives
- 2 English 2 NAR-1/3 NAR-1: narrative analysis
- 2 English 2 NAR-2/3 NAR-2: studies in contemporary narrative <sup>1</sup>
- 2 English 2 PF/3 PF: psychoanalysis and fictions
- 2 English 2 RV/3 RV: Renaissance voices and counter voices
- 2 English 2 SCB/3 SCB: Shakespeare: realism and romance <sup>1</sup>
- 2 English 2 TCP/3 TCP: twentieth-century poetry
- 2 English 2 TRC/3 TRC: tragedy and the classical world
- 2 English 2 WF/3 WF: writing fiction
- 2 English 2 WP/3 WP: writing poetry
- 2 English 2 WWB/3 WWB: women writing <sup>1</sup>

### Third year subjects 20 credit points

- 1 English 3 HSA: honours seminar (for prospective honours students only)
- 1 Professional Writing and Speech 3 CNF: creating non-fiction
- 2 English 3 HSB: honours seminar (for prospective honours students only)

Key: <sup>1</sup> Not available in 2000.

## Honours

Students are admitted into the honours program on a conditional basis at the beginning of third year. Students who do well in second year English receive a letter inviting them to consider taking honours in English, but any student may ask to be admitted to honours after consultation with the honours coordinator and the Head of School. Applicants for admission to honours should have completed first year English and, normally, the equivalent of four second year English semester subjects. All third year honours students are required to include in their English major the 20 credit point, third year honours seminar, either English 3 HSA (first semester) or 3 HSB (second semester) By the end of their third year, honours students must have completed 190 credit points of English (including either 3 HSA or 3 HSB) With permission of the Head of School, it is possible to substitute up to 40 credit points in another discipline for 40 credit points of English.

Permission to continue into fourth year is normally conditional on results at an average of level B or above at the end of third year. All admissions to the fourth year honours program, including applications for part-time study, are subject to the approval of the Head of School. Joint honours, a fourth year honours course shared between English and another discipline, can be arranged. Students interested in the possibility of joint honours should apply in the first instance to the honours coordinator.

The fourth year's work consists of four semester-long subjects selected from a range of fourth year subjects and a research essay of 10,000 to 11,000 words on a topic arranged at the end of the third year's work and approved by the honours coordinator. The four

subjects are worth 60% of the final result (15% for each subject) and the research essay 40%. Full details of fourth-year subjects are given in the honours pamphlet available from the School Office.

## Fourth or fifth-year subjects

Not all fourth year subjects are listed here, only those which are also available at fifth year level. A complete list of fourth year subjects, together with details of texts, subject requirements and assessment, is published in an honours brochure available from the School.

### 20 credit points

- 1 English 4 GS/5 GS: gender, self and society: English prose 1650–1750
- 1 English 4 RBA/5 RBA: reading black Australian writing
- 1 English 4 WEB/5 WEB: writing the experience of the body <sup>1</sup>
- 1 English 4 WW/5 WW: women's writing and feminist literary criticism <sup>1</sup>
- 2 English 4 AEO/5 AEO: autobiography in exile and opposition: writing the useable self
- 2 English 4 PTC/5 PTC: poetry of the twentieth century
- 2 English 4 SAW/5 SAW: the politics and poetics of sexuality in Australian women's fiction 1970s – 1990s<sup>1</sup>
- 2 English 4 SL/5 SL: Shakespeare in love
- 2 English 4 VF/5 VF: Victorian fictions: inside and outside <sup>1</sup>
- 2 English 4 WF/5 WF: writing fiction
- 2 English 4 WP/5 WP: writing psychosis

Key: <sup>1</sup> Not available in 2000.

## Subject descriptions

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

### ENGLISH 1 AF: autobiography and fiction (15 CPs. Sem. I. Bu.)

EN1AF Dr Greg Kratzmann

This subject centres on modern autobiographical and related writing from a range of authors. Topics covered include the relationship between autobiography and fiction, the nature of identity, particularly in relation to gender, race and class and an introduction to psychoanalytic criticism. The significance of the historical moment from which the author is writing is considered. Intending students should note that this is not a subject in creative writing. In addition to the texts listed below there will be a course reader containing some theoretical material and poetry.

*Incompatible subject:* EN1WS offered prior to 1997.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* two 1,500-word essays (35% each) one 1,000-word class test (20%), and tutorial performance (10%).

### Prescribed reading:

Fussell, S. *Muscle*, Sphere Books.  
 Grenville, K. *Lilian's Story*, Allen & Unwin.  
 Langford Ginibi, R. *Don't take your love to town*, Penguin.  
 Malouf, D. *12 Edmondstone Street*, Penguin.  
 Matthews, G. *An Australian son*, William Heinemann Australia.  
 Sykes, R. *Snake cradle*, Allen & Unwin.  
 Woolf, V. *To the lighthouse*, Penguin.

### ENGLISH 1 CTT: introduction to literature: texts over time (15 CPs. Sem. I. Bu. Aw.)

EN1CTT Dr John Wiltshire

This subject is an introduction to the discussion and analysis of literary texts, including plays, poems, novels and short stories. Its aim is to develop awareness of the possibilities of constructing meaning and significance in texts. Besides the set texts, students read and analyse a selection of short stories handed out in class.

*Class requirements:* one 2-hour tutorial and one 1-hour lecture each week.

*Assessment:* one 1,000-word exercise (20%), one 1,500-word exercise (30%), one 1.5-hour examination (40%) and contribution to class work (10%).

### Prescribed reading:

Shakespeare, W. *Othello*, Penguin.  
 Austen, J. *Pride and Prejudice*, World's Classics, Oxford.  
 Dickens, C. *Great expectations*, Penguin.  
 Scott Fitzgerald, F. *The great Gatsby*, Penguin.  
 Ferguson, M. (ed.) *The Norton anthology of poetry*, 4th edn, Norton.

### ENGLISH 1 CVN: classic Victorian novels: becoming an adult in the 19th century (15 CPs. Sem. II. Bu. Aw.)

EN1CVN Dr Leela Gandhi

This subject provides a general introduction to the high-Victorian novel. Students will be offered a comprehensive account of the rise of the novel and the evolution of fiction in the nineteenth century.

placing special emphasis on the 'coming of age' narratives produced in this period. The novels under consideration are each versions of a 'bildungsroman' or growing up story. Students will examine theoretical and critical perspectives on the 'bildungsroman', while exploring the wider historical context for such literary production in Victorian England. The subject will draw upon film versions of the prescribed texts, and of other Victorian novels.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial.  
**Assessment:** one 1,000-word essay (25%), one 2,000-word essay (45%), one 1-hour class test (held in the last lecture slot) (20%), classwork (10%).

**Prescribed reading:**

Brontë, E. *Wuthering heights*  
Eliot, G. *The mill on the floss*  
Dickens, C. *Great expectations*  
Collins, W. *The woman in white*  
Gaskell, E. *Wives and daughters*

**ENGLISH 1 LCT-1: literature, criticism, theory (15 CPs. Sem. I. Bu.)**  
**EN1LCT1 Dr Iain Topliss**

This subject offers students accessible introductions to some of the current forms of critical practice and literary theory. The principal approaches are humanist, Marxist and post-colonial. Introductions are geared to specific texts of literary and cultural interest and are comparative in nature (for example, comparing humanist and Marxist readings of a particular text) No prior knowledge of literary theory is needed or assumed. Please read the works by Le Guin, Melville and Jolley before classes begin.

**Class requirements:** one 1-hour lecture, one 1-hour seminar and one 1-hour tutorial each week.

**Assessment:** one 2-hour test (30%), two 1,500-word assignments (60%), and contribution to class work (10%).

**Prescribed reading:**

Abrams, M. H. *A glossary of literary terms*, 7th edn, Holt, Rinehart, Winston.  
Le Guin, Ursula, *The lathe of heaven*, Orbit.  
Melville, *Bartleby the scrivener*, in *Billy Budd and other stories*, Everyman Classics.  
Jolley, Elizabeth, *The well*, Penguin.  
Lawrence, D. H. *The Prussian officer and other stories*, Penguin.  
Davis, Jack et. al, eds. *Paperbark*, University of Queensland Press.  
Barthes, Roland, *Mythologies*, Vintage.

**ENGLISH 1 SRP: spirituality and rites of passage (15 CPs. Sem. I. Bu.)**  
**EN1SRP Dr David Tacey**

Over recent years, 'spirituality' has emerged as a popular and hope-filled discourse; it has gained its momentum partly as a counter-response to the nihilism and despair of the times. In this subject students will explore the claims and hopes of spirituality; examine its excesses; its uneasy relationship with religion; and consider its rise to prominence in historical and social contexts. According to recent research, spiritual questions loom large at critical stages in the life-cycle, especially at the transition to adulthood and at mid-life. Any rite of passage involving transition from one condition to another leads to an encounter with existential and spiritual problems. First, two non-fictional texts which introduce the contemporary debate about spirituality will be studied; then, several literary texts which consider spiritual quests in the context of personal, social and historical rites of passage will be explored.

**Class requirements:** one 2-hour lecture/seminar and one 1-hour tutorial per week.

**Assessment:** two 1,500-word essays (35% each) one 1,000-word class test (20%), and classwork (10%).

**Prescribed reading:**

Tacey, D. *Spirit country*, Harper Collins 2000  
O'Donohue, J. *Anam cara*, Bantam 1998  
White, P. *A fringe of leaves*, Penguin 1976  
Tulip, J. (ed.) *David Malouf*, (for Johnno) UQP 1990  
Anderson, J. *Tirra Lirra by the river*, Penguin 1980  
Atwood, M. *Surfacing*, Virago 1972  
Stories and non-fictional essays in subject reader.

**ENGLISH 1 TCV: text, criticism and the visual (15 CPs. Sem. II. Bu.)**  
**EN1TCV Mr Chris Palmer**

Students study a range of novels and plays, together with film adaptations of them. Topics covered in discussions include the ways texts tell stories and present personality, gender and genre, issues of representation in contemporary culture and what might be meant by describing some of the texts and films as 'popular' and some as 'classic'. The films will be studied as interpretations of literary texts.

Students also look at advertising of the texts and films and cartoons based on them.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** two 1,500-word essays (35% each) one 1-hour class test (20%), and contribution to class work (10%).

**Prescribed reading:**

Leonard, E. *Rum punch*, Penguin.  
Welsh, I. *Trainspotting*, Minerva.  
Jolley, E. *The well*, Penguin.  
Austen, J. *Persuasion*, Penguin.  
Shakespeare, W. *Hamlet*, any edn.

**ENGLISH 1 WL: writing your own life (15 CPs. Sem. II. Bu.)**  
**EN1WL Professor Richard Freadman**

Telling stories about ourselves is a fundamental human activity. This subject is for those who want to put those stories into writing, or to write autobiographies. People often assume that putting your life down on paper is easy, but actually there's an art to it. This subject introduces you to some aspects of that 'art', structuring your life story, deciding what to put in or leave out, getting a perspective on yourself and more. The main emphasis will be on prose writing. The subject also covers some more general issues that will prepare you for later studies in English.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial/workshop.

**Assessment:** one 1,000-word critical essay/creative writing (20%), two 1,500-word critical essays/creative writing (35% each) and class contribution (10%).

**Prescribed reading:**

Whitlock, G. (ed.) *Autographs: contemporary Australian autobiography*, UQP, 1996.  
Yahp, B. (ed.) *Family pictures*, Angus & Robertson, 1994.

**ENGLISH 2 AFR: Afro-American popular culture: an introduction (20 CPs. Sem. II. Bu.)**  
**EN2AFR Dr Suvendi Perera**

In this subject students are offered a systematic introduction to Afro-American popular culture. Contemporary speech, fashion, music, cinema, TV and literature are all profoundly shaped by the specific histories, politics and narratives of black America, yet the role of Afro-Americans in making U.S. popular culture - and by extension our own everyday life in Australia - is often unrecognised. Students will examine some of the key figures and texts of contemporary black popular culture - from Angela Davis (and her writings on Ma Rainey, Bessie Smith and Billie Holiday) to Oprah Winfrey; from James Baldwin to Spike Lee and Public Enemy.

**Prerequisite:** 30 credit points of first year English or equivalent.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 1,000-word presentation (20%), two 2,000-word essays (70%), and class contribution (10%).

**Prescribed reading:**

Baldwin, J. *If Beal Street should talk*, Vintage 1993.  
Davis, A. *The autobiography of Angela Davis*, International 1988.  
Haley, A. *The autobiography of Malcolm X*, Ballantine 1992.  
Morrison, T. *Jazz*, Plume 1993.  
Senna, D. *Caucasia*, Riverhead 1999.

**ENGLISH 2 ALT: American literature of the 20th century (20 CPs. Sem. I. Bu.)**  
**EN2ALT Dr Alison Ravenscroft**

This subject focuses on the emergence of new kinds of writings in the United States from the early decades of the century through to its close, with particular reference to modernist and postmodernist fiction. The subject considers the kinds of challenges that have been made to conventional narrative and linguistic forms in the course of this century, examining the effects of contestations over notions of truth, history, and memory. The texts are studied in the cultural and historical contexts of their production and a course reader will introduce students to relevant theoretical and historical analyses. In particular this subject is interested in the relations between the old and the new, including between the traditional American canon and emerging literatures. How has the traditional canon been contested on the grounds of gender, race, class, sexuality? The subject makes use of film as well as written texts.

**Prerequisite:** 30 credit points of first year English.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** one 2,000-word essay (35%), one 3,000-word essay (55%), and class-work (10%).

**Prescribed reading:**

Baldwin, J. *Go tell it on the mountain*, Penguin.  
Barnes, D. *Nightwood*, Faber.  
DeLillo, *Mao II*, Picador.

Doctorow, E. L. *The book of Daniel*, Picador.  
 Ellison, R. *Invisible man*, Penguin.  
 Faulkner, W. *The sound and the fury*, Vintage.  
 Fitzgerald, S. *The great Gatsby*, Penguin.  
 Larsen, N. *Quicksand and Passing*, Rutgers.  
 Morrison, T. *Beloved*, Picador.  
 Pynchon, T. *The crying of lot 49*, Picador.

**ENGLISH 2 CAP: cultural identities in Australian poetry (20 CPs. Sem. II. Bu.) EN2CAP Mr Max Richards**  
 Not available in 2000.

**ENGLISH 2 CFT-2: contemporary feminist thought – part 2 (20 CPs. Sem. II. Bu.) EN2CFT2 Dr Alison Ravenscroft**  
 Not available in 2000.

**ENGLISH 2 FMC: Freud and modern comedy (20 CPs. Sem. I. Bu.) EN2FMC Dr Iain Topliss**

Students are introduced to Freud's *Jokes and their relation to the unconscious* and proceed to test its analysis of wit and the comic against a number of twentieth-century texts, both literary and popular-cultural, in which the joke-form plays a prominent role. Students also consider writings on the comic by other nineteenth-century thinkers such as Nietzsche, Baudelaire and Bergson, as well as more recent accounts offered by Arthur Koestler, Helmuth Plessner, Jonathan Miller and Jerry Aline Flieger. Texts listed below will be supplemented by video and sound recordings. The subject works towards an understanding of the meaning of laughter in contemporary society.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 2-hour lecture/seminar and one 1-hour tutorial, per week.

*Assessment:* one 2,000-word assignment (40%), one 3,000-word assignment (50%), and class contribution (10%).

**Preliminary reading:**

Palmer, J. *Taking humour seriously*. Routledge 1994.  
 McFadden, G. *Discovering the comic*. Princeton 1982.

**Prescribed reading:**

Freud, S. *Jokes and their relation to the unconscious* in the *Penguin Freud Library*, volume 6. Penguin 1991.  
 Thurber, J. *The Thurber carnival*, Penguin 1965.  
 Addams, C. *The world of Charles Addams*. Knopf paperback 1993.  
 Amis, K. *Lucky Jim*. Penguin.  
 Stoppard, T. *Travesties*. Faber 1975.  
 Allen, W. 'Annie Hall' in *Four films of Woody Allen*. Faber 1991.  
 Cleese, J. and Booth, C. *Complete Fawlty Towers*. Pantheon 1989.

**ENGLISH 2 GRO: growing up in Australia: contemporary Australian autobiography (20 CPs. Sem. II. Bu.) EN2GRO Professor Richard Freadman**

Students focus on autobiographies by Australians from diverse backgrounds: a black Australian woman writer; two major novelists; Australia's best-known historian; a joint narrative by two brothers, one a theatre director and the other journalist; and the daughter of a refugee from the Nazi holocaust. Issues include, the family, how 'mainstream' Australian values and myths shape the development of the individual, how these values and myths interact with attitudes and beliefs held by Australian minority groups, the meanings of 'elsewhere' for those who grow up in Australia, parent-child relations, sexuality and gender ideology, and life-writing in a multi-cultural society.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week.  
*Assessment:* one 2,000-word exercise (30%), one 3,000-word essay (60%), and contribution to class work (10%).

**Prescribed reading:**

Clark, M. *The puzzles of childhood: his early life*, Penguin.  
 Malouf, D. *12 Edmondstone Street*, Penguin.  
 Sykes, R. *Snake cradle: snake dreaming: autobiography of a black woman*, Allen & Unwin.  
 Varga, S. *Heddy and me*, Penguin.  
 Wherrett, P. and Wherrett, R. *Desirelines: an unusual family memoir*, Sceptre.  
 White, P. *Flaws in the glass: a self-portrait*, Penguin.

**ENGLISH 2 IB: inventing the bush (20 CPs. Sem. I. Bu.) EN2IB Dr Sue Martin**

What is the bush? This subject considers the meaning and importance of the idea of the Australian bush in various narratives from the nineteenth century. These writings will be considered in the context of empire, gender, ethnicity and class. Some consideration will also

be given to the circulation and understandings of the bush in some twentieth-century texts. In addition to the prescribed reading a course reader available at the beginning of the semester contains additional literature, critical reading, extracts from explorer journals and 'lost child' narratives.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 1-hour lecture and one 2-hour seminar per week.

*Assessment:* one 1,500-word research exercise (25%), one 1,000-word class paper (15%), one 2,500-word essay (50%), class attendance and contribution (10%).

**Prescribed reading:**

Furphy, J. *Such is life*, Halstead.  
 Lee, C. (ed.) *Turning the century*, UQP.  
 Frost, L. *No place for a nervous lady*, Penguin.

**ENGLISH 2 IE: India in English (20 CPs. Sem. I. Bu.) EN2IE Mr Terry Collits**

This subject examines the processes that brought the category of India into English fiction. It introduces students to a representative range of texts, both fictional and non-fictional, mainly written in English and about India, by Indian and non-Indian writers. It provides familiarity with the historical background of the India-England connection, especially the impact of British imperialism on the ways India is represented. It deals with those elements of post-colonial theory and experience which bear on this specific textual study. The subject makes use of some films as well as written texts.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week.

*Assessment:* one 2,000-word class paper (30%), one 3,000-word essay (60%), and contribution to class work (10%).

**Preliminary reading:**

Spear, P. *A history of India, Volume Two*, Penguin.  
 Chatterjee, P. *Nationalist thought and the colonial world*, Zed Books.

**Prescribed reading:**

Gandhi, M. K. *An autobiography*, Penguin.  
 Naipaul, V. S. *An area of darkness*, Penguin.  
 Tagore, R. *The home and the world*, Penguin.  
 Forster, E. M. *A passage to India*, Penguin.  
 Anand, M. K. *Untouchable*, Penguin.  
 Rao, R. *Kanthapura*, New Directions.  
 Rushdie, S. *Midnight's children*, Picador.  
 Roy, A. *The god of small things*, Flamingo

**ENGLISH 2 JCP: Jung's cultural psychology (20 CPs. Sem. II. Bu.) EN2JCP Dr David Tacey**

This subject provides an introduction to Jung's psychology, with particular emphasis upon the application of Jung's thought to cultural and literary studies. It presents the differences between Freud and Jung, explores Jung's theories about the structure and dynamics of the psyche and examines Jung's contributions to the study of myth, archetype and symbolism.

*Prerequisite:* 30 credit points of first year English.

*Incompatible subject:* IDS2JU/IDS3JU and P2JU/P3JU.

*Class requirements:* one 2-hour lecture or seminar and one 1-hour tutorial per week.

*Assessment:* one 3,000-word essay (60%), one 2,000-word essay (30%), and class-work (10%).

**Preliminary reading:**

Tacey, D. *Edge of the sacred*, Harper Collins.  
 Jung, C. G. *Memories, dreams, reflections*, any edition.

**Prescribed reading:**

Campbell, J. (ed.) *The portable Jung*, Penguin.  
 Whitmont, E. *The symbolic quest*, Princeton.  
 Ferguson, M. (ed.) *The Norton anthology of poetry*, 4th edn.  
 White, P. *The solid mandala*, Penguin.  
 Atwood, M. *Surfacing*, Virago.  
 Malouf, D. *An imaginary life*, Picador.

**ENGLISH 2 ME: introduction to medieval literature (20 CPs. Sem. I. Bu.) EN2ME Dr Greg Kratzmann**

The subject is an introduction to the poetry of Chaucer and to medieval drama. Texts to be studied include the 'General prologue', several of the *Canterbury Tales*, *Everyman* and some miracle plays.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 2,000-word exercise (30%), one 3,000-word essay (60%), and classwork (10%).

**Prescribed reading:**

Chaucer, G. 'The Canterbury Tales', in *The Riverside Chaucer* L. D. Benson (ed.) Oxford UP (for the 'General prologue', 'The Miller's tale', 'The wife of Bath's prologue and tale', and 'The Nun's Priest's tale') Cawley, A. C. *Everyman and medieval miracle plays*, Everyman.

**ENGLISH 2 MN: medieval narrators and narratives (20 CPs. Sem. II. Bu.) EN2MN Dr Greg Kratzmann**

This subject explores a variety of approaches to telling a story in later medieval literature – English, Scottish and French. The range of genres studied includes dream vision, framed narratives, allegory, exemplum, fable and biography. Consideration is given to the work of two women writers, Margery Kempe and Christine de Pizan. The applicability of some structuralist and post-structuralist theories of narrative to medieval texts is considered. The subject should be of interest to students who are studying post-structuralist theories of narrative literature and women's writing.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 2,000-word essay (40%), one 3,000-word essay (50%), and tutorial performance (10%).

**Prescribed reading:**

Chaucer, G. 'The Pardoner's tale', 'The book of the Duchess', 'The legend of good women' in *The Riverside Chaucer*, OUP.  
De Pizan, C. *The book of the city of ladies*, Picador.  
Kempe, M. *The book of Margery Kempe*, Penguin.  
Henryson, R. *Poems*, Oxford.  
Langland, W. *The visions of Piers Plowman*, Everyman.

**ENGLISH 2 NAR-1: narrative analysis (20 CPs. Sem. II. Bu.)****EN2NAR1 Dr Iain Topliss**

This is an introduction to aspects of the formal and cultural analysis of narrative. The texts selected are drawn from the nineteenth century and the late twentieth century. There are two important features of the course. First, the texts cover a wide range of genres (fairy tale, realist fiction, narrative poetry, travel writing, biography, autobiography) sometimes within a single work. This allows an investigation of the way different kinds of writing are grounded in narrative. Second, the texts overlap and refer to each other. This permits a close textual study of the way similar story materials have been narrated in the two periods. The subject aims to develop an appreciation and critical understanding of how various narrative techniques work, to show how narratives construct and support meaning within a broader cultural setting and to provide a grasp of some of the literary and cultural links between the two periods.

*Prerequisite:* 30 credit points of first year English.

*Incompatible subject:* EN2NAR/EN3NAR offered prior to 1997.

*Class requirements:* one 2-hour lecture or seminar and one 1-hour tutorial per week.

*Assessment:* two 2,000-word essays (40% each), reading reports (10%), and contribution to class work (10%).

**Preliminary reading:**

Scholes, R. and Kellogg, R. *The nature of narrative*, Oxford.

**Prescribed reading:**

Grimm, J. and W. *Selected tales*, Penguin.  
Carter, A. *The bloody chamber and other tales*, Vintage.  
Brontë, E. *Wuthering Heights*, Penguin.  
Rossetti, C. *Selected Poems*, (for 'Goblin Market' and 'Two Sisters') Faber.  
Byatt, A. S. *Possession*, Vintage.  
Stevenson, R. L. *Travels with a donkey and An inland voyage*, Dent.  
Holmes, R. *Footsteps: adventures of a romantic biographer*, Penguin.  
Steadman, C. *Landscape for a good woman*, Virago.

**ENGLISH 2 NAR-2: studies in contemporary narrative (20 CPs. Sem. II. Bu.) EN2NAR2 Dr Iain Topliss**

Not available in 2000.

**ENGLISH 2 PF: psychoanalysis and fictions (20 CPs. Sem. II. Bu.)****EN2PF Dr Kay Torney Souter**

This subject is an introduction to psychoanalysis (particularly the theoretical writings of the Freud-Klein 'object relations' tradition) and its relation to the analysis of literary texts. After a review of Freud's foundational work, the subject gives attention to the development of psychoanalytic concepts by Melanie Klein, and the enhancement of Kleinian concepts in the work of D.W. Winnicott and W.R. Bion. It also considers recent developments in the United States through the work of Jessica Benjamin and the intersubjective tradition. The subject has three aims: to provide a coherent account of the development of psychoanalysis, to distinguish between

different schools and versions of these various ideas, and to consider the application of these ideas and procedures to the discussion of literary texts.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 1-hour tutorial and one 2-hour seminar per week.

*Assessment:* two 2,500-word essays (45% each) and contribution to class work (10%).

**Prescribed reading:**

Gay, P. *The Freud reader*, Vintage Books.  
Klein, M. (ed. J. Mitchell) *The selected works of Melanie Klein*, Penguin.  
Shakespeare, W. *Hamlet*, Penguin.  
Woolf, V. *Mrs. Dalloway*, Penguin.  
Beckett, S. *Endgame*, Faber.

A subject reader, purchasable from the School of English, will include writings by William Wordsworth, D. W. Winnicott, W.R. Bion, Janet Adelman, Elizabeth Abel and Jessica Benjamin.

**ENGLISH 2 RJA: re-reading Jane Austen (20 CPs. Sem. I. Bu.) EN2RJA Dr John Wiltshire**

Jane Austen's novels are now re-read in a variety of ways and this subject looks at recent controversies surrounding this author. Recent and current film and television re-writings of Jane Austen's texts are used as a basis for a reassessment of the novels and students are expected to study these versions closely. Topics for discussion include the persistence of romance, Jane Austen and Empire, the proper lady and the woman writer. Students are expected to have previously read some of Jane Austen's novels.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 2,000-word essay (30%), one 3,000-word essay (60%), and contribution to class work (10%).

**Preliminary reading:**

McMaster, J. and Copeland, E. (eds) *The Cambridge companion to Jane Austen*, Cambridge University Press.  
Thompson, E. *Jane Austen's 'Sense and Sensibility' the screenplay and diaries*, Bloomsbury.  
Tomalin, C. *Jane Austen: a life*, Viking.

**Prescribed reading:**

Any edition of the novels is acceptable, but Oxford World's Classics is preferred.

Austen, J. *Northanger Abbey*.  
Austen, J. *Sense and Sensibility*.  
Austen, J. *Pride and Prejudice*.  
Austen, J. *Mansfield Park*.  
Austen, J. *Emma*.  
Austen, J. *Persuasion*.  
Austen, J., (ed. Drabble M.) *Lady Susan, Sanditon, The Watsons*, Penguin.

**ENGLISH 2 RM: re-situating modernism: colonial and post-independence contexts (20 CPs. Sem. I. Bu.) EN2RM Dr Sue Thomas**

Modernism is the name given retrospectively to a range of early twentieth-century experimental and avant-garde trends in literature and the arts. Appreciation of its aesthetic theories and practices has been very influential in the institutionalisation of Western literary criticism and the histories of European canon-formation. Contemporary French feminists Julia Kristeva and Hélène Cixous re-read the textual innovations of modernism as prime instances of 'feminine' writing. In this subject modernism and variously modernist writing in English are re-situated in the contexts of colonial and post-independence cultures and experiences of gender, race, class, sexuality, desire, ethnicity, nation and expatriation. Students examine the ways in which writers have negotiated and shaped modernist practices of representation, tensions between the narrative possibilities of modernism and realism and the recent Western anthropological, psychological and philosophical theories which often informed modernist practices of representation.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 1-hour lecture, one 1-hour workshop and one 1-hour tutorial per week.

*Assessment:* one 2,000-word essay (40%), one 3,000-word essay (50%), and contribution to class work (10%).

**Prescribed reading:**

Rhys, J. *Voyage in the dark*, Penguin.  
McKay, C. *Banana bottom*, Harvest Books.  
Prichard, K. *Coonardoo*, Angus & Robertson.  
White, P. *The aunt's story*, Random House.  
Achebe, C. *Things fall apart*, Heinemann.  
Head, B. *A question of power*, Heinemann.

**ENGLISH 2 RP: Romantic poetry (20 CPs. Sem. I. Bu.) EN2RP Mr**

Max Richards

Not available in 2000.

**ENGLISH 2 RV: Renaissance voices and counter voices (20 CPs. Sem. II. Bu.) EN2RV Dr Paul Salzman**

Recent theoretical approaches to the Renaissance have emphasised the tension between the discourse of authority and its potential subversion, especially through the 'counter-voices' of supposedly marginalised groups, such as women. This subject will examine a selection of poems, plays and prose works, paying particular attention to the struggles of counter-voices to be heard.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one 2,000-word essay (40%), and one 3,000-word essay (60%).

**Prescribed reading:**

Subject reader.

Shakespeare W. *Henry V*, Penguin.

Shakespeare, W. *The taming of the shrew*, Oxford.

Shakespeare, W. *Coriolanus*, Oxford.

Shakespeare, W. *A midsummer night's dream*, Oxford.

Middleton, T. *Women beware women*, in *Five Plays*, Penguin.

Jonson, Ben. *Bartholomew Fair*, in *Three Comedies*, Penguin.

Middleton, T. *A chaste maid in Cheapside*, Revels.

Salzman, P. (ed.) *Early modern women's writing*, Oxford.

**ENGLISH 2 SAA: seeing 'Asia': Australian constructions (20 CPs. Sem. I. Bu.) EN2SAA Dr Suvendi Perera**

Not available in 2000.

**ENGLISH 2 SCA: Shakespeare and contemporaries (20 CPs. Sem. I. Bu.) EN2SCA**

Not available in 2000.

**ENGLISH 2 SCB: Shakespeare: realism and romance (20 CPs. Sem. II. Bu.) EN2SCB**

Not available in 2000.

**ENGLISH 2 TAL: twentieth-century Australian literature: inventing the past (20 CPs. Sem. I. Bu.) EN2TAL Dr Sue Martin**

Not available in 2000.

**ENGLISH 2 TCP: twentieth-century poetry (20 CPs. Sem. II. Bu.) EN2TCP Mr Max Richards**

A study of some major poets and poems from Hardy's *Wessex poems* (1898) to Heaney's *The spirit level* (1996) Emphasis is placed on the close reading of poems. The lectures and tutorials deal with the historical contexts in which the poets worked and the ways in which they can be seen to have influenced each other. The poets' own critical writings are considered along with contemporary and academic criticism.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week.

*Assessment:* one 1,500-word essay (30%), one 3,500-word essay (60%), and contribution to class work (10%).

**Preliminary reading:**

Lucas, J. *Modern English poetry from Hardy to Hughes*, Batsford.

**Prescribed reading:**

Hardy, T. *Selected poems*, Penguin.

Yeats, W. B. *Selected poems*, Penguin.

Eliot, T. S. *Collected poems*, Faber.

Larkin, P. *Collected poems*, Faber.

Heaney, S. *Opened ground*, Faber.

Ferguson, M. (ed.) *The Norton anthology of poetry*, 4th edn, Norton (for poems by Stevens, Frost, Auden, Bishop, Lowell and Plath).

**ENGLISH 2 TRC: tragedy and the classical world (20 CPs. Sem. II. Bu.) EN2TRC Mr Terry Collits**

This is an introduction to tragedy as a dramatic form in Ancient Greece. The subject examines selected works of Aeschylus, Sophocles and Euripides, all studied in translation. It also addresses other writers relevant to tragedy, such as Homer, Plato, Aristotle and Nietzsche. Attention is also given to the ways contemporary literary theories (e.g. feminist or psychoanalytic) might influence our readings of Greek tragedies.

*Prerequisite:* 30 credit points of first year English.

*Class requirements:* one 1-hour lecture and one 2-hour class each week.

*Assessment:* one 2,000-word essay (30%), one 3,000-word essay (60%), and class contribution (10%).

**Prescribed reading:**

Homer, *The Iliad*, trans. Robert Fitzgerald, OUP.

Aeschylus, *The Oresteia*, trans. Robert Fagles, Penguin.

Sophocles, *The three Theban plays*, trans. Robert Fagles, Penguin.

Sophocles, *Electra and other plays*, trans. E. F. Watling, Penguin.

Euripides, *Medea and other plays*, trans. Philip Vellacott, Penguin.

Euripides, *The Bacchae and other plays*, trans. Philip Vellacott, Penguin.

Aristotle, *The Poetics*, trans. Malcolm Heath, Penguin.

Nietzsche, *The birth of tragedy*, trans. Shaun Whiteside, Penguin.

**ENGLISH 2 WF: writing fiction (20 CPs. Sem. II. Bu.) EN2WF Mr Rod Jones**

This subject takes the form of a series of workshops and seminars designed to introduce elements of the writer's craft, particularly those relating to style and structure in fiction. Other areas addressed include the critical reading of works-in-progress, sources of the writer's material, processes of fiction and research. Selected passages from the writing projects of students provide the texts for discussion. Emphasis is given to the understanding that the student is engaged in a process of re-reading and re-writing and is not engaged in the critical evaluation of finished works.

*Prerequisite:* 30 credit points of first year English.

*Quota:* 15. Students are selected by prior submission of a four or five page excerpt from a current writing project.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one, 2,500-word class paper (45%), one 2,500-word workshop submission (45%), and class-work (10%).

**Prescribed reading:**

Any of the following titles:

Jones, R. *Julia Paradise*, Penguin.

Jones, R. *Billy Sunday*, Pan Macmillan.

Jones, R. *Nightpictures*, Random House.

**ENGLISH 2 WP: writing poetry (20 CPs. Sem. II. Bu.) EN2WP Mr Max Richards**

This subject takes the form of a series of workshops and seminars designed to introduce elements of the writer's craft, particularly those relating to style and structure in poetry. Other areas addressed include the critical reading of works in progress and imitation and parody. Selected twentieth-century poems and passages from the writing projects of students provide the texts for discussion. Emphasis is given to the understanding that the student is engaged in a process of critical re-reading and re-writing and is not presenting or evaluating finished works. Two guest lecturers are invited to speak to the group.

*Prerequisite:* 30 credit points of first year English.

*Quota:* 15. Students are chosen by prior submission of a one-page statement of interest and four or more pages of recent writing.

*Class requirements:* one 1-hour tutorial and one 2-hour seminar per week.

*Assessment:* one 2,500 (verse and prose) workshop submission (30%), one 2,500-word (verse and prose) final submission (60%), and class-work (10%).

**Preliminary reading:**

Hamilton, I. (ed.) *The Oxford companion to twentieth-century poetry*, Oxford.

**Prescribed reading:**

Ferguson M. (ed.) *The Norton anthology of poetry*, 4th edn, Norton.

**ENGLISH 2 WWA: women writing A (20 CPs. Sem. I. Bu.) EN2WWA Ms Carol Merli**

Not available in 2000.

**ENGLISH 2 WWB: women writing B (20 CPs. Sem. II. Bu.) EN2WWB Ms Carol Merli**

Not available in 2000.

**ENGLISH 3 AFR: Afro-American popular culture: an introduction (20 CPs. Sem. I. Bu.) EN3AFR Dr Suvendi Perera**

See English 2 AFR for full subject description.

*Prerequisite:* 40 credit points of second year English.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ENGLISH 3 ALT: American literature of the 20 th century (20 CPs. Sem. I. Bu.) EN3ALT Dr Alison Ravenscroft**

See English 2 ALT for full subject description.

*Prerequisite:* 40 credit points of second year English.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ENGLISH 3 CAP: cultural identities in Australian poetry (20 CPs.***Sem. II. Bu.) EN3CAP Mr Max Richards**Not available in 2000.***ENGLISH 3 CFT-2: contemporary feminist thought – part 2 (20 CPs.***Sem. II. Bu.) EN3CFT-2 Dr Alison Ravenscroft**Not available in 2000.***ENGLISH 3 FMC: Freud and modern comedy (20 CPs. Sem. I. Bu.)****EN3FMC Dr Iain Topliss***See English 2 FMC for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 GRO: growing up in Australia: contemporary Australian autobiography (20 CPs. Sem. II. Bu.) EN3GRO Professor Richard Freadman***See English 2 GRO for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 HSA: honours seminar A (20 CPs. Sem. I. Bu.) EN3HSA****Mr Chris Palmer**

Students selected as honours students are required to take a 20 credit point honours seminar. They may choose either English 3 HSA (first semester) or English 3 HSB (second semester) The honours seminar is not available for pass students.

This subject concentrates on a variety of contemporary theoretical approaches to English studies. Topics include the history of the discipline, the idea of a canon, feminist theory, psychoanalysis, contemporary Marxism, post-colonial theory, new historicism and queer theory and cultural studies. Topics are linked to a series of literary texts.

*Prerequisite:* Head of School's approval.*Class requirements:* one 3-hour seminar per week.*Assessment:* one 2,000-word essay (30%), and one 3,000-word essay (70%).**Preliminary reading:**Eagleton, T. *Literary theory*, Blackwell.**Prescribed reading:**Wordsworth, W. *The prelude (1805 version) Books 9-13*, any edn.Shakespeare, W. *Hamlet*, Oxford.Austen, J. *Mansfield Park*, Oxford or Penguin.Russ, J. *The female man*, Women's Press.Shakespeare, W. *Henry V*, Penguin.Austen, J. *Sense and sensibility*, Oxford or Penguin.**ENGLISH 3 HSB: honours seminar B (20 CPs. Sem. II. Bu.) EN3HSB****Professor Richard Freadman**

Students selected as honours students are required to take a 20 credit point honours seminar. They can choose either English 3 HSA (first semester) or English 3 HSB (second semester) The honours seminar is not available for pass students.

The subject has two main aims:

1. To introduce the most important of the contemporary critical and theoretical approaches to literature (and other modes) This is largely done through discussion of the articles in the Subject Reader.
2. To give some sense of the cultural 'contexts' of 18th, 19th, modern and post modern literature. This is largely done through discussion of the biographical and autobiographical texts. We look at how conceptions of the self and its narrative representation change as we move from the 18th to the 20th century.

*Prerequisite:* Head of School's approval.*Class requirements:* one 3-hour seminar per week.*Assessment:* one 2,000-word essay (30%), and one 3,000-word essay (70%).**Preliminary reading:**Eagleton, T. *Literary theory*, Blackwell.**Prescribed reading:**Althusser, L. *The future lasts a long time*, Vintage.Barthes, R. *Roland Barthes on Roland Barthes*, Univ. of California.Johnson, S. *Life of Savage*, Xerox available from School of English.Shakespeare, W. *King Lear*, Oxford.Stein, G. *The autobiography of Alice B. Toklas*, Penguin.Wordsworth, W. *The prelude (1805 version)* any edn.**ENGLISH 3 IB: inventing the bush (20 CPs. Sem. I. Bu.) EN3IB Dr****Sue Martin***See English 2 IB for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 IE: India in English (20 CPs. Sem. I. Bu.) EN3IE Mr Terry****Collits***See English 2 IE for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 JCP: Jung's cultural psychology (20 CPs. Sem. II. Bu.)****EN3JCP Dr David Tacey***See English 2 JCP for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 ME: introduction to medieval literature (20 CPs. Sem. I.****Bu.) EN3ME Dr Greg Kratzmann***See English 2 ME for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 MN: medieval narrators and narratives (20 CPs. Sem. II.****Bu.) EN3MN Dr Greg Kratzmann***See English 2 MN for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 NAR-1: narrative analysis (20 CPs. Sem. II. Bu.)****EN3NAR1 Dr Iain Topliss***See English 2 NAR-1 for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 NAR-2: studies in contemporary narrative (20 CPs. Sem.****II. Bu.) EN3NAR2 Dr Iain Topliss***Not available in 2000.***ENGLISH 3 PF: psychoanalysis and fictions (20 CPs. Sem. II. Bu.)****EN3PF Dr Kay Torney Souter***See English 2 PF for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 RJA: re-reading Jane Austen (20 CPs. Sem. I. Bu.)****EN3RJA Dr John Wiltshire***See English 2 RJA for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 RM: re-situating modernism: colonial and post-****independence contexts (20 CPs. Sem. I. Bu.) EN3RM Dr Sue Thomas***See English 2 RM for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.**ENGLISH 3 RP: romantic poetry (20 CPs. Sem. I. Bu.) EN3RP Mr****Max Richards***Not available in 2000.***ENGLISH 3 RV: Renaissance voices and counter voices (20 CPs.****Sem. II. Bu.) EN3RV Dr Paul Salzman***See English 2 RV for full subject description.**Prerequisite:* 40 credit points of second year English.*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.



**ENGLISH 3 SAA: seeing 'Asia': Australian constructions (20 CPs.**

*Sem. I. Bu.) EN3SAA Dr Suvendi Perera*

*Not available in 2000.*

**ENGLISH 3 SCA: Shakespeare and contemporaries (20 CPs. Sem. I. Bu.) EN3SCA**

*Not available in 2000.*

**ENGLISH 3 SCB: Shakespeare: realism and romance (20 CPs. Sem. II. Bu.) EN3SCB**

*Not available in 2000.*

**ENGLISH 3 TAL: twentieth-century Australian literature: inventing the past (20 CPs. Sem. I. Bu.) EN3TAL Dr Sue Martin**

*Not available in 2000.*

**ENGLISH 3 TCP: twentieth-century poetry (20 CPs. Sem. II. Bu.)**

**EN3TCP Mr Max Richards**

*See English 2 TCP for full subject description.*

*Prerequisite:* 40 credit points of second year English.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ENGLISH 3 TRC: tragedy and the classical world (20 CPs. Sem. II. Bu.) EN3TRC Mr Terry Collits**

*See English 2 TRC for full subject description.*

*Prerequisite:* 40 credit points of second year English.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ENGLISH 3 WF: writing fiction (20 CPs. Sem. II. Bu.) EN3WF Mr Rod Jones**

*See English 2 WF for full subject description.*

*Prerequisite:* 40 credit points of second year English.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ENGLISH 3 WP: writing poetry (20 CPs. Sem. I. Bu.) EN3WP Mr Max Richards**

*See English 2 WP for full subject description.*

*Prerequisite:* 40 credit points of second year English.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ENGLISH 3 WWA: women writing A (20 CPs. Sem. I. Bu.) EN3WWA Ms Carol Merli**

*Not available in 2000.*

**ENGLISH 3 WWB: women writing B (20 CPs. Sem. II. Bu.) EN3WWB Ms Carol Merli**

*Not available in 2000.*

**PROFESSIONAL WRITING AND SPEECH 3 CNF: creating non-fiction (20 CPs. Sem. I. Bu.) PWS3CNF Mr Bruce Williams**

The main aim of this subject is to improve each individual student's advanced writing skills through the study and practice of non-fictional prose. The weekly class combines reflection on the characteristics of good writing with practical exercises in a range of styles. After written work has been submitted, the subject coordinator will arrange an individual session with each student to go over the work in detail. The required reading includes general essays by writers from Australia, the U.S. and Britain, with a strong emphasis on recent Australian work.

*Prerequisite:* 40 credit points of second year English.

*Class requirements:* one 3-hour lecture/seminar per week.

*Assessment:* one 1,000-word essay (15%), one 1,500-word essay (25%), one 2,500-word essay (50%), and contributions to class discussion and group exercises in class (10%).

**Prescribed reading:**

Didion, J. *Slouching towards Bethlehem*, Flamingo 1993.

Fraser, M. (ed.) *Seams of light: best Antipodean essays*, Allen and Unwin 1998.

Orwell, G. *Inside the whale*, Penguin 1993.

**ENGLISH 4 AEO: autobiography in exile and opposition: writing the useable self (20 CPs. Sem. II. Bu.) EN4AEO Dr Suvendi Perera**

If our selves are constituted in language, how do we write the self whose experience is perceived as chronically outside literary tradition? These autobiographies deal with exile in place, time and language, from various positions of race, ethnicity, gender and sexuality. We will read these very different narratives paying

attention to the historical and cultural processes through which individual subjectivities are constructed as shifting, even contradictory, strategies for writing the oppositional or the deceptive self.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 1,500 word presentation (30%), and one 3,500-word essay (70%).

**ENGLISH 4 GS: gender, self and society: English prose 1650–1750 (20 CPs. Sem. I. Bu.) EN4GS Dr Paul Salzman**

This subject concentrates on seventeenth-century women writers. The emphasis is on how women writers in the seventeenth century, working in a number of different genres, struggled with self-expression in a quite literal way. Texts include autobiographies, poetry, prose fiction and drama.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 3,500-word essay (75%), and on, 1,500-word seminar paper (25%).

**ENGLISH 4 PTC: poetry of the twentieth century (20 CPs. Sem. II. Bu.) EN4PTC Mr Max Richards**

A study of major poets and poems from Hardy's *Wessex poems* (1898) to Heaney's *The spirit level* (1996) Emphasis is placed both on the close reading of poems and on the historical contexts in which the poets worked and the ways in which they can be seen to have influenced each other. The poets' own critical writings are considered, along with contemporary and academic criticism. Yeats, Eliot, Larkin, Stevens, Frost, Auden, Bishop and Lowell are also studied.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 3,500-word essay (75%), and one 1,500-word seminar paper (25%).

**ENGLISH 4 RBA: reading black Australian writing (20 CPs. Sem. I. Bu.) EN4RBA Dr Suvendi Perera**

In this subject the relationships between non-indigenous readers and indigenous writing in English are considered. From its inception, Aboriginal writing in English has aimed to inform and conscientise non-Aboriginal readers, yet the reception of these texts is always mediated by wider power relations, and by responses of appropriation, denial and desire. This subject draws on fiction, autobiography, testimony, poetry and essay. Topics discussed include questions of Aboriginal 'authenticity'; constructions of Aboriginal identity; intersections of gender and sexuality with 'race'; 'whiteness' and Aboriginality; writing and resistance; Aboriginality and the law.

*Quota:* 15.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 1,500-word presentation (30%), and one 3,500-word essay (70%).

**Prescribed reading:**

Gilbert, K. *Black from the edge*, Hyland House 1992.

Ginibi, R.L. *Haunted by the past: Nobby's story*, Harper Collins 1999.

Huggins, J. *Sistergirl*, UQP 1998.

King, W. *Black hours*, Harper Collins, 1998.

Morgan, S. *My place*, Freemantle Arts Centre Press, 1987.

Pascoe, B. *Ruby eyed coucal*, Magabala Books, 1996.

Sykes, R. *Snake cradle*, Allen & Unwin, 1997.

Wright, A. *Plains of promise*, UQP 1997.

**ENGLISH 4 SAW: the politics and poetics of sexuality in Australian women's fiction 1970s-1990s (20 CPs. Sem. II. Bu.) EN4SAW Dr Alison Ravenscroft**

*Not available in 2000.*

**ENGLISH 4 SL: Shakespeare in 'love' (20 CPs. Sem. II. Bu.) EN4SL Dr Paul Salzman**

In this subject we will consider sexuality, gender and 'love' in a series of Shakespeare's plays and a collection of women's writing from the early modern period. Particular issues to be addressed include recent queer theory approaches to early modern writing, the argument between historians and literary scholars over gender roles in this period; the way in which some consideration of writing by women may alter our perception of canonical male writing from the period; and the recent Hollywood construction of Shakespeare as a writer concerned with love.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 3,000-word essay (75%), and one 2,000-word essay (25%).

**Prescribed reading:**

Shakespeare, W. *Two gentlemen of Verona*

" *Romeo and Juliet*

" *Love's labours lost*

" *Taming of the shrew*

" *Measure for measure*

- “ *Twelfth night*  
 “ *As you like it*  
 “ *The winter's tale*

any edn: Oxford (OUP) preferred.

Salzman, P. (ed.) *Early modern women's writing*, OUP 1999.

**ENGLISH 4 VF: Victorian fictions: inside and outside (20 CPs. Sem. II. Bu.) EN4VF Dr Sue Martin**  
 Not available in 2000.

**ENGLISH 4 WEB: writing the experience of the body (20 CPs. Sem. I. Bu.) EN4WEB Dr Kay Torney and Dr John Wiltshire**  
 Not available in 2000.

**ENGLISH 4 WF: writing fiction (20 CPs. Sem. II. Bu.) EN4WF Mr Rod Jones**

This subject takes the form of a series of workshops and seminars that focuses on elements of the writer's craft, particularly those relating to style and structure in fiction. Other areas addressed include the critical reading of works in-progress, sources of the writer's material, processes of fiction and approaches to research. Selected passages from the writing projects of students provide the texts for discussion.

**Quota:** 15. Students are selected by prior submission of a four or five page excerpt from a current writing project.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 2,500-word class paper (45%), one 2,500-word workshop submission (45%), and class work (10%).

#### Prescribed Reading:

Jones, R. *Julia Paradise*, Penguin.

Jones, R. *Billy Sunday*, Pan Macmillan.

Jones, R. *Nightpictures*, Random House.

**ENGLISH 4 WP: writing psychosis (20 CPs. Sem. II. Bu.) EN4WP Dr Kay Torney Souter**

This subject considers the representation of psychosis and psychotic anxiety in a variety of texts. About half the time in class will be directed to the study of literary texts, and half to the study of theoretical texts. The adequacy of the distinction between the two sorts of writing will be examined, and the rhetorical and ideological strategies of the texts will be analysed.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 3,500-word essay (75%), and one 1,500-word seminar paper (25%).

#### Preliminary Reading:

It is expected that students should have some familiarity with the range of both psychoanalytic and literary theory: those who feel they do not, should consult with the subject coordinator and read:

Elliott, A. *Psychoanalytic theory: an introduction*, Oxford 1994 and/or

Eagleton, T. *Literary theory*, Oxford 1984.

**ENGLISH 4 WW: women's writing and feminist literary criticism (20 CPs. Sem. I. Bu.) EN4WW Dr Sue Thomas**  
 Not available in 2000.

#### European Studies Professor John Gatt-Rutter

The subjects listed below are taught in English and are available to all students.

#### First-year subjects 15 credit points

##### Sem.

- 1 European Studies 1 IMG: inventing modern Greece
- 1 European Studies 1 WCE-1: windows on contemporary Europe: cultures in transformation
- 2 European Studies 1 GB: Greece and the Balkans in the twentieth century
- 2 European Studies 1 WCE-2: windows on contemporary Europe: cultures through text.

#### Second or third-year subjects 20 credit points

- 1 European Studies 2 CEW/3 CEW: changing lives: 20 th century European women writers<sup>1</sup>
- 1 European Studies 2 ECC/3 ECC: ethnic and civil conflict in Cyprus and southern Europe
- 1 European Studies 2 NNB/3 NNB: marriage and adultery in the European novel
- 1&2 European Studies 2 ILR/3 ILR: introductory language reading
- 2 European Studies 2 NNA/3 NNA: country/city: images of society in the European novel<sup>1</sup>
- 2 European Studies 2 RJBS/3 RJBS: Romeo and Juliet before Shakespeare
- 2 European Studies 2 TTH/3 TTH: transterritorial Hellenism: a journey through some sites

#### Third or fourth-year subject 20 credit points

- 1 European Studies 3 TL/4 TL: literature and translation<sup>1</sup>

Key: <sup>1</sup> Not available in 2000.

#### Major in European Cultures Professor Stathis Gauntlett (Hellenic Studies)

This is an interdisciplinary major in European cultures taught entirely in English, but including a modest second-language requirement. After reading the following entry, students should consult individual subject descriptions.

The program is designed for students wishing to establish a strong focus on European societies and their cultures. The emphasis is on modern Europe, but students may, if they wish, explore the roots as far back as classical Greece. The approach is trans-national and interdisciplinary, developing an understanding of Europe through the study of modern media such as cinema and television as well as literature and ideas, theatre and the visual arts, contemporary European societies and key aspects of their past. The program offers students opportunities to concentrate on any of these aspects, as well as language and translation. A minimum practical knowledge of a European language other than English is built into the course requirements and students are strongly encouraged to develop their second-language skills to the highest possible level for access to inside knowledge of a non-English speaking European society. This major is designed to interface closely not only with Hellenic studies, Italian studies and Spanish, but also with such disciplines as arts and media, English, history, politics and sociology.

#### Program of study

Students who wish to satisfy the requirements for a major in European Cultures must complete 150 credit points, with at least 120 credit points at second and third year level. To complete the major, students must include in their degree the requirements outlined in (a) (b) and (c) below:

All subjects are offered subject to the availability of appropriate staffing and minimum enrolments.

a) the first-year European studies core subjects:

#### Core subjects 15 credit points Sem.

- 1 European Studies 1 WCE-1: windows on contemporary Europe: cultures in transformation
- 2 European Studies 1 WCE-2: windows on contemporary Europe: cultures through text

b) a minimum of 80 credit points from the following list of approved subjects:

#### Approved subjects 20 credit points

- 1 Drama 2 EAD/3 EAD: survey of major plays, forms, themes, East and West, classical and modern
- 1 European Studies 1 GB: Greece and the Balkans in the twentieth century
- 1 European Studies 2 CEW/3 CEW: changing lives: 20 th century European women writers<sup>1</sup>
- 1 European Studies 2 ECC/3 ECC: ethnic and civil conflict in Cyprus and southern Europe
- 1 European Studies 2 NNB/3 NNB: marriage and adultery in the European novel
- 1 European Studies 3 TL/4 TL: literature and translation<sup>1</sup>
- 2 European Studies 2 NNA/3 NNA: country/city: images of society in the European novel<sup>1</sup>
- 2 European Studies 2 RJBS/3 RJBS: Romeo and Juliet before Shakespeare
- 2 European Studies 2 TTH/3 TTH: transterritorial Hellenism: a journey through some sites

c) a minimum of 40 credit points of a European language (other than English):

- Students are strongly encouraged to achieve the highest competence possible in their chosen language.
- Students wishing to include in the major another subject with European content not on the list may seek the course coordinator's permission to do so.
- The following subjects are highly recommended for students majoring in European Cultures but, due to the structure of the program, they do not count towards the major.

#### 15 credit points

Ancient Greek 1 AMG: Ancient Mediterranean Culture: the Greek Achievement

Ancient Greek 1 HHH: from Homer to Hollywood: the perennial Greek hero and heroine

Ancient Greek 1 OGS: the Olympic Games and Greek sport 776BC-AD2004

Archaeology 1 C: the archaeology of ancient civilisations  
 Art History 1 A: the body in perspective: art architecture from Greece to the Renaissance  
 Art History 1 B: constructing the modern: from Rembrandt to Warhol  
 History 1 ECA: introduction to European civilisation - part A  
 History 1 ECB: introduction to European civilisation - part B  
 History 1 MEA: modern Europe 1760 to 1890: from monarchies to nations  
 History 1 MEB: modern Europe: the 20th century

#### 20 credit points

Drama 2 MOA/3 MOA: modern drama A  
 Drama 2 MOB/3 MOB: modern drama B  
 Drama 2 WIT/3 WIT: women in theatre  
 European Economics 2/3

Key: <sup>1</sup> Not available in 2000.

#### Subject descriptions

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

#### EUROPEAN STUDIES 1 GB: Greece and the Balkans in the twentieth century (15 CPs. Sem. II. Bu.) ES1GB Dr Gabriella Etmektsoglou

In this subject historical continuity and change in Greece, Yugoslavia, and Bulgaria are investigated from the 1890s to the present. The interplay of domestic and international factors is explored with a focus on the construction/manipulation of modern, aggressive nationalism by Balkan politicians and military and religious leaders. Both high politics and their effects on people's lives will be studied. Topics include: the rise of Balkan nationalism; Nazi occupation; civil war in Greece and Yugoslavia; Communist rule in Yugoslavia and Bulgaria; the Greek junta; the break-up of Yugoslavia; the experience of guest-workers, refugees, and exiles in Western Europe; European powers' role in the Balkan conflicts and peace-making.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 500-word tutorial paper (15%), one 2,000-word essay (40%), one 1,500-word reflective essay (35%), and tutorial participation (10%) Alternatively students may complete one 500-word tutorial paper (15%), one 2,000-word essay (40%), one 90-minute test (35%), and tutorial participation (10%).

#### Prescribed reading:

Source documents and reading provided by the Department.  
 Magosci, P. R. *Historical atlas of East Central Europe* University of Washington Press 1993.  
 Simons, T. W. *Eastern Europe in the postwar period* 1993.  
 Banac, I. *The national question in Yugoslavia* Cornell University Press 1984.  
 Close, D. *The origins of the Greek Civil War* Longman 1993.  
 Crampton, R. *A short history of modern Bulgaria* Cambridge University Press 1987.

#### EUROPEAN STUDIES 1 IMG: inventing modern Greece (15 CPs. Sem. I. Bu.) ES1IMG Dr Gabriella Etmektsoglou

In this subject students are introduced to modern Greek history, culture and society from 1204 to the 1920s. The evolution of the Greek state and national consciousness in the context of the Balkans in the 19th and early 20th centuries is explored, together with the role of diaspora Greeks, Western Enlightenment, Orthodox religion, intellectual elites and the peasantry. Responses of the Great Powers to movement for independence and their role in the formation of Greek institutions are studied, as is the irredentist 'Great Idea', Greece in the Balkan wars and First World War, the role of Venizelos, the Asia Minor catastrophe and its aftermath.

The sequel to this subject in second semester is MG1GG Greece and Greeks in the 20th century, which will cover the period from the inter-war years to the 1990's.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 500-word tutorial paper (15%), one 2,000-word essay (40%), one 1,500-word reflective essay (35%), and tutorial participation (10%) Alternatively students may complete one 500-word tutorial paper (15%), one 2,000-word essay (40%), one 90-minute test (35%), and tutorial participation (10%).

#### Prescribed reading:

Source documents and reading provided by the Department.  
 Clogg, R. (ed.) *The movement for Greek independence, 1770-1821: a collection of documents* Macmillan 1976.  
 Diamandouros, N. (ed.) *Hellenism and the first Greek War of Liberation (1821-1830) continuity and change* Institute for Balkan Studies 1976.  
 Koliopoulos, J. *Brigands with a cause* Clarendon 1987.

Mavrokordatos, G. *Stillborn republic: social coalitions and party strategies in Greece, 1922-1936* University of California Press 1983.

#### EUROPEAN STUDIES 1 WCE-1: windows on contemporary Europe: cultures in transformation (15 CPs. Sem. I. Bu.) ES1WCE1 Dr Lilit Thwaites

This is an introduction to the cultural manifestations of major socio-historical events in 20th century Europe which shaped the life of the peoples of Spain, France, Italy and Greece. Among issues to be examined are the roles and effects of the political Right and Left, wars, dictatorships, migrations and the diaspora, the relationship between Church and State, the changing role of women and the European Community/Union concept.

**Class requirements:** one 2-hour lecture/seminar and one 1-hour tutorial.  
**Assessment:** one 750-word written exercise (15%), one 1,250-word written exercise (20%), one 1.5-hour test (50%), tutorial exercises (5%), and class participation (10%).

#### EUROPEAN STUDIES 1 WCE-2: windows on contemporary Europe: cultures through text (15 CPs. Sem. II. Bu.) ES1WCE2 Ms Helen Nickas

This subject examines how the impact of major events and upheavals in European history has been expressed in literary and visual texts. The notion of writers and artists as social and historical commentators is explored and questions such as censorship, political persecution and exile are also considered. Texts from France, Greece, Italy and Spain will be used as examples of the relationship between the makers of text and their societies and of the role of culture in social transformation.

**Class requirements:** one 2-hour lecture/seminar and one 1-hour tutorial.  
**Assessment:** one 750-word written exercise (15%), one 1,250-word written exercise (20%), one 1.5-hour test (50%), tutorial exercises (5%), and class participation (10%).

#### Prescribed reading:

Canus, A. *Exile and the kingdom*, trans. Justin O'Brien, Penguin 1989.  
 Fo, D. *Accidental death of an anarchist*, Methuen.  
 Kazantzakis, N. *Zorba the Greek*, trans C. Wildman, Faber and Faber 1961.  
 Montero, R. *Absent love: a chronicle*, trans. C de la Torre and Diana Glad, UNP 1991.

#### EUROPEAN STUDIES 2 CEW: changing lives: contemporary European women writers (20 CPs. Sem. I. Bu.) ES2CEW Dr Lilit Thwaites

Not available in 2000.

#### EUROPEAN STUDIES 2 ECC: ethnic and civil conflict in Cyprus and southern Europe (20 CPs. Sem. I. Bu.) ES2ECC Dr Gabriella Etmektsoglou

In this subject the causes of ethnic tensions and war in Cyprus and Yugoslavia, and of the Greek, Italian, and Yugoslav Civil Wars of the 1940s are investigated. Similarities and differences are explored in the experiences of these four countries with nation-building, power-sharing, ideological differences, and religious/ national-based identity conflict. The response of the International Community to ethnic tensions and civil conflict in these countries are examined together with the ways in which outside intervention has shaped the length and internal dynamics of the conflicts. The question of whether a multi-ethnic polity be reconstructed in these countries is posed and the prospects for justice, reconciliation and of economic reconstruction assessed.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 1,000-word tutorial paper (20%), one 2,000-word essay (35%), one 2,000-word reflective essay (35%), and tutorial participation (10%). Alternatively students may complete one 1,000-word tutorial paper (20%), one 2,000-word essay (35%), one 2-hour test (35%), and tutorial participation (10%).

#### Prescribed reading:

Source documents and readings provided by the Department.  
 Close, D. *The origins of the Greek Civil War*, Longman 1995.  
 Lampe, J. *Yugoslavia as history: twice there was a country*, CUP 1996.  
 Worsley, P. and P. Kitromilides (eds.) *Small states in the modern world: the conditions of survival*, The New Cyprus Association 1979.  
 Woodward, S. *Implementing peace in Bosnia and Herzegovina: a post Dayton primer and memorandum of warning*, 1996.  
 Kritiz, N. (ed.) *Transitional justice, vol. 1: general considerations*, United States Institute of Peace Press 1995.

#### STUDIES 2 ILR: introductory language reading (20 CPs. Sem. I & II. Bu.) ES2ILR Mr Anthony Pagliaro

This subject is a reading course offered in Italian that gives students a substantial start in acquiring the rudiments of reading knowledge in the language and which complements the students' studies in a

particular major. Normally, 20 credit points of a language reading course (2 ILR/3 ILR) may be credited to a degree. The language reading course must be taken in conjunction with a subject or major for which the language would be suitable and is not available towards a major in Italian Studies.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** weekly translation exercises (60%), one 3-hour written examination (40%), and class participation.

**EUROPEAN STUDIES 2 NNA: country/city: images of society in the European novel (20 CPs. Sem. II. Bu.) ES2NNA Professor John Gatt-Rutter**

*Not available in 2000.*

**EUROPEAN STUDIES 2 NNB: marriage and adultery in the nineteenth century novel (20 CPs. Sem. I. Bu.) ES2NNB Professor John Gatt-Rutter**

This subject was previously a part of English 2 NN/3 NN: the 19th century European novel and society.

Students will study in English translation three outstanding mid to late nineteenth century novels in relation to the human problems depicted and the societies they reflect. There will be a focus on the city-country dichotomy so significant to the development of modern Europe. The role of women as reflected in the novels will also be studied. In this subject the emphasis is on intensive study of the three novels and on relating them to European society of their time. Close study of the novels will be complemented by lectures on the social, political, and economic background of the relevant countries.

**Class requirements:** one 2-hour lecture or seminar and one 1-hour tutorial.

**Assessment:** one 2,000-word essay (40%), one 1,000-word textual commentary (30%), one 2-hour test (20%), participation and contribution in class (10%).

**EUROPEAN STUDIES 2 RJBS: Romeo and Juliet before Shakespeare (20 CPs. Sem. II. Bu.) ES2RJBS Dr Nicole Prunster**

In this subject students will study English translations of three Italian and one French novellas believed to have influenced Shakespeare in the writing of his drama *Romeo and Juliet*. Besides focusing on the differing social and historical implications in these tales, students will become acquainted with the principal characteristics of this literary genre in order to understand the process of adaptation employed by Shakespeare in passing from the novella to his drama. Attention will also be paid to Arthur Brooke's poem dealing with *Romeo and Juliet*.

**Class requirements:** one 2-hour lecture/seminar and one 1-hour tutorial per week.

**Assessment:** two 1,000-word written exercises (50%), one 3,000-word essay (40%), and tutorial participation (10%).

**Preliminary reading:**

Moore, O. H. *The legend of Romeo and Juliet*, Ohio State UP, 1950.

**Prescribed reading:**

Prunster, N. *Romeo and Juliet before Shakespeare*, Centre for Reformation and Renaissance Studies, 1999.

Bullough, G. (ed.) *The narrative and dramatic sources of Shakespeare*, Routledge & Kegan Paul, 1957; Columbia UP, 1961.

**EUROPEAN STUDIES 2 TTH: transterritorial Hellenism: a journey through some sites (20 CPs. Sem. II. Bu.) ES2TTH Dr Gabriella Etmektsoglou**

In this subject the concept of "Hellenism" will be defined by way of an imaginary journey through the cities of Thessaloniki, Izmir, Alexandria, Paris, London, New York and Melbourne. The life of Greeks as Ottoman subjects, as merchants, businessmen, students and scholars, as victims of genocide, as political exiles and guest-workers will be explored, as will the influence of the Greek Orthodox Church, irredentist policies, and the desire to be part of the West. Competing visions of Hellenism will be juxtaposed to the realities of Greece today. What does it mean to be Greek or of Greek descent in London, New York and Melbourne today?

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,000-word tutorial paper (20%), one 2,000-word essay (35%), one 2,000-word reflective essay (35%), and tutorial participation (10%). Alternatively students may complete one 1,000-word tutorial paper (20%), one 2,000-word essay (35%), one 2-hour test (35%), and tutorial participation (10%).

**Prescribed reading:**

A Handbook of Readings prepared by the Department will be available from the Bookshop.

Hassiotis, I. *Queen of the worthy: Thessaloniki, history and culture*, 1997.

Dobkin Housepian, M. *Smyrna 1922: the destruction of a city*, Faber 1972.

Kitroeff, A. *The Greeks in Egypt, 1919-1937: ethnicity and class*, Oxford 1989.

Alexandrou, A. *Mission box*, Kedros 1996.

Ioannides, C. (ed.) *Greeks in English speaking countries*, Caratzas 1997.

Constas, D. and Platias, A. (eds.) *Diasporas in world politics. The Greeks in comparative perspective*, Macmillan 1993.

Clogg, R. (ed.) *The Greek Diaspora in the twentieth century*, Macmillan 1999.

**EUROPEAN STUDIES 3 CEW: changing lives: contemporary European women writers (20 CPs. Sem. I. Bu.) ES3CEW Dr Lilit Thwaites**

*Not available in 2000.*

**EUROPEAN STUDIES 3 ECC: ethnic and civil conflict in Cyprus and southern Europe (20 CPs. Sem. I. Bu.) ES3ECC Dr Gabriella Etmektsoglou**

*See European Studies 2 ECC for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**EUROPEAN STUDIES 3 ILR: introductory language reading (20 CPs. Sem. I & II. Bu.) ES3ILR Mr Anthony Pagliaro**

*See European Studies 2 ILR for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**EUROPEAN STUDIES 3 NNA: country/city: images of society in the European novel (20 CPs. Sem. II. Bu.) ES3NNA Professor John Gatt-Rutter**

*Not available in 2000.*

**EUROPEAN STUDIES 3 NNB: marriage and adultery in the nineteenth century novel (20 CPs. Sem. II. Bu.) ES3NNB Professor John Gatt-Rutter**

*See European Studies 2 NNB for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**EUROPEAN STUDIES 3 RJBS: Romeo and Juliet before Shakespeare (20 CPs. Sem. II. Bu.) ES3RJBS Dr Nicole Prunster**

*See European Studies 3 RJBS for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**EUROPEAN STUDIES 3 TL: literature and translation (20 CPs. Sem. I. Bu.) ES3TL Professor John Gatt-Rutter**

*Not available in 2000.*

**EUROPEAN STUDIES 3 TTH: transterritorial Hellenism: a journey through some sites (20 CPs. Sem. II. Bu.) ES3TTH Dr Gabriella Etmektsoglou**

*See European Studies 2 TTH for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**EUROPEAN STUDIES 4 TL: LITERATURE AND TRANSLATION (20 CPs. Sem. I. Bu.) ES4TL Professor John Gatt-Rutter**

*Not available in 2000.*

**French Dr Alastair Hurst**

French subjects are available by special arrangement with the French Department of The University of Melbourne for accreditation towards a La Trobe degree. Special enrolment arrangements apply and details may be obtained from the Faculty Inquiries Office. The following subjects will be taught at the Bundoora campus in 2000

**First-year subjects**

**Sem.**

- 1 French 1B-1: beginners' French first year (116-001)
- 1 French 1B-2: beginners' French first year (116-002)
- 1 French 1C-1: intermediate French first year (116-009)
- 1 French 1C-2: intermediate French first year (116-010)
- 2 French 1B-3: beginners' French first year (116-003)
- 2 French 1B-4: beginners' French first year (116-004)
- 2 French 1C-3: intermediate French first year (116-011)
- 2 French 1C-4: intermediate French first year (116-012)

## Second-year subjects

- 1 French 2 B-1: beginners' French second year (116-013)
- 2 French 2 B-2: beginners' French second year (116-015)

## Subject descriptions

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

### FRENCH 1B-1: beginners' French first year (15 CPs. Sem. I. Bu.)

**116-001 Dr Alastair Hurst**

French 1B-1 is an intensive language course for beginners, with a focus on the development of reading and writing skills and an introduction to French culture through materials used for language acquisition. Students successfully completing the course should be able to read simple French and write accurately, within the limits of the vocabulary and tenses introduced in the course. Any student who has ever presented for Year 12 French or the equivalent is ineligible for this subject. Students with four or five years of high-school French or the equivalent should enrol in French 1C-1 and French 1C-2.

*Co-requisite:* French 1B-2.

*Class requirements:* four hours of language per week including one 1-hour lecture. Full attendance required.

*Assessment:* class tests and written work equal to 2,000-words and one 2-hour written examination. Students who have attended less than 80% of classes will not be eligible to sit the final examination.

#### Prescribed reading:

Bérard, Canier & Lavenne, *Tempo 1 Didier/Hatier*, 1996: Textbook. Collins/Robert, *Pocket French dictionary*.

### FRENCH 1B-2: beginners' French first year (7.5 CPs. Sem. I. Bu.)

**116-002 Dr Alastair Hurst**

This subject introduces students to listening and speaking skills in French. Listening activities form the core of the subject, presenting new structures and vocabulary in meaningful situations and providing students with models for pronunciation and dialogue work. Students also work on pronunciation via language laboratory activities, where they can work at their own pace and phonetic modelling exercises in class. Students will focus on speaking skills primarily through the preparation of dialogues and information gap exercises, where students are given an authentic motive for using the language.

*Co-requisite:* French 1B-1.

*Class requirements:* one 1-hour language class and one 1-hour language laboratory per week.

*Assessment:* two listening comprehension tests (mid-semester and end of semester) one 10-minute oral examination (end of semester).

#### Prescribed reading:

Bérard, Canier & Lavenne, *Tempo 1 Didier/Hatier*, 1996: Textbook. Thomas, *French pronunciation exercises for beginners*, University of Melbourne 1996.

### FRENCH 1B-3: beginners' French first year (15 CPs. Sem. II. Bu.)

**116-003 Dr Alastair Hurst**

Students build on writing and reading skills acquired in French 1B-1 and French 1B-2. Students successfully completing the course should be able to write accurately in basic French, using the range of grammatical structures studied and in a range of genres from short descriptive texts to letters and poems, read a variety of French texts and appreciate some aspects of francophone cultures. Any student who has ever presented for Year 12 French or the equivalent is ineligible for this subject.

*Prerequisite:* French 1B-1 and French 1B-2 or equivalent.

*Co-requisite:* French 1B-4.

*Class requirements:* four hours of language classes per week, including one 1-hour lecture. Full attendance required.

*Assessment:* class tests and written work (equivalent to 2,000-words) and one 2-hour written examination. Students who have attended less than 80% of classes will not be eligible to sit the final examination.

#### Prescribed reading:

Bérard, Canier & Lavenne, *Tempo 1 Didier/Hatier*, 1996: Textbook. Collins/Robert, *Pocket French dictionary*.

### FRENCH 1B-4: beginners' French first year (7.5 CPs. Sem. II. Bu.)

**116-004 Dr Alastair Hurst**

This subject builds on speaking and listening skills acquired in French 1B-2. The aim of the course is twofold. First, to familiarise students with the speech patterns of a range of native speakers, differing in age, sex, social background and regional origins and secondly, to give students the opportunity to practise speaking skills in a variety of situations. For example, information seeking,

describing people, places and things, story-telling and giving advice. Students will also continue work on pronunciation, intonation and rhythmic patterns.

*Prerequisite:* French 1B-1 and French 1B-2.

*Co-requisite:* French 1B-3.

*Class requirements:* two 1-hour language classes per week.

*Assessment:* two listening comprehension tests (mid-semester and end of semester) and one 15-minute oral examination (end of semester).

#### Prescribed reading:

Bérard, Canier & Lavenne, *Tempo 1 Didier/Hatier*, 1996: Textbook.

### FRENCH 1C-1: intermediate French first year (15 CPs. Sem. I. Bu.)

**116-009 Dr Alastair Hurst**

This subject gives an introduction to French and Francophone cultures through the study of selected and generally short authentic documents belonging to a broad variety of genres, such as short prose fiction, feature films, television news stories newspaper articles. Having worked on the literal comprehension of these documents and observed in them the linguistic structures taught in French 1C-2, students then examine their internal organisation and cultural significance. Finally, they will elaborate, orally and in writing, their opinions on what they have read, watched and listened to.

*Prerequisite:* 4 or 5 years of secondary-school French or equivalent.

*Co-requisite:* French 1C-2.

*Class requirements:* four hours, including one-hour of laboratory per week.

*Assessment:* two 1,500-word assignments in French and one 1,000-word (equivalent) oral assignment in French (submitted on audio cassette) Full attendance required.

### FRENCH 1C-2: intermediate French first year (7.5 CPs. Sem. I. Bu.)

**116-010 Dr Alastair Hurst**

An intensive language course for students familiar with elementary French, which stresses the productive aspect of language use in practical situations while extending grammatical knowledge and refining oral skills.

*Prerequisite:* four or five years of secondary-school French or equivalent.

*Co-requisite:* French 1C-1.

*Class requirements:* two 1-hour language classes.

*Assessment:* language class exercises (25%), one 10-minute oral test (25%), and one 2-hour written test (50%) Students must attend 80% of language classes to be eligible to sit for the final test.

### FRENCH 1C-3: intermediate French first year (15 CPs. Sem. II. Bu.)

**116-011 Dr Alastair Hurst**

Building on French 1C-1 and French 1C-2, this subject deepens students' understanding of French and Francophone cultures through the study of more challenging authentic documents from the same range of genres, including short prose fiction, poems, feature films, television news stories, newspaper articles, record reviews and popular songs. In this subject emphasis shifts from literal understanding to imitation and critical reflection. Students will defend their judgements in debates and written exchanges and use the documents as models for productive exercises.

*Prerequisite:* French 1C-1 and French 1C-2.

*Co-requisite:* French 1C-4.

*Class requirements:* four hours, including one hour of laboratory per week.

*Assessment:* two 1,500-word assignments in French and one oral assignment equivalent to 1,000-words in French (submitted on audio cassette).

### FRENCH 1C-4: intermediate French first year (7.5 CPs. Sem. II. Bu.)

**116-012 Dr Alastair Hurst**

An intensive language course for students who have successfully completed French 1C-1 and French 1C-2 stressing interactive language use while extending grammatical knowledge and refining oral skills. The subject is to be taken in conjunction with French 1C-3.

*Prerequisite:* French 1C-1 and French 1C-2.

*Co-requisite:* French 1C-3.

*Class requirements:* two 1-hour language classes.

*Assessment:* language class exercises (25%), one 10-minute oral test (25%), one 2-hour written test (50%) All Students must attend 80% of language classes to be eligible to sit for the final test.

### FRENCH 2 B-1 beginners' French second year (15 CPs. Sem. I. Bu.)

**116-013 Dr Alastair Hurst**

This subject further develops skills taught in French 1B-3 and 1B-4. In the area of writing, students should be capable of writing short essays, of translating short passages from and into French and be



familiar with more complex syntactic structures. Students are introduced to a study of literature and contemporary French society in small language group classes. All classes are taught in French and emphasis is placed on the development of oral fluency and aural competency. Multi-media interactive materials are used to acquaint students with aspects of French culture.

**Prerequisite:** French 1B-3 and French 1B-4 or equivalent.

**Class requirements:** three hours of language and society and one hour of language in context per week.

**Assessment:** two written language tests equivalent to 2,000-words, language and society (35%), one written text test equivalent to 1,000-words, language in context (30%), one oral examination (20%), and continuous assessment equivalent to 1,000-words (15%).

**FRENCH 2 B-2: beginners' French second year (15 CPs. Sem. II. Bu.)**  
**116-015 Dr Alastair Hurst**

French 2 B-2 further develops skills taught in French 2 B-1. In the area of writing, students should be capable of writing short essays, translating short passages from and into French and be familiar with more complex syntactic structures. Students are introduced to a study of literature and contemporary French society in small language group classes. All classes are taught in French and emphasis is placed on the development of oral fluency and aural competency. Multi-media interactive materials are used to acquaint students with aspects of French culture.

**Prerequisite:** French 2B-1 or equivalent.

**Class requirements:** two-hours of language and society, one hour of language in context and one hour of French history and civilisation per week.

**Assessment:** two written language tests equivalent to 1,500-words (35%), one literature test equivalent to 1,000-words (20%), civilisation test equivalent to 1,000-words (20%), oral test (15%), and continuous assessment (10%).

## German

German subjects are available by special arrangement with the German Department of The University of Melbourne for accreditation towards a La Trobe degree. Special enrolment arrangements apply and details may be obtained from the Faculty Inquiries Office. The following subjects will be taught at the Bundoora campus in 2000.

### First-year subjects

#### Sem.

- 1 German 1 A-1: advanced German first year A (126-010)
- 1 German 1 A-2: advanced German first year B (126-011)
- 1 German 1 B-1: beginners' German first year A (126-001)
- 1 German 1 B-2: beginners' German first year B (126-002)
- 1 German 1 C-1: intermediate German first year A (126-0051)
- 1 German 1 C-2: intermediate German first year B (126-0071)
- 2 German 1 A-3: advanced German first year C (126-012)
- 2 German 1 A-4: advanced German first year D (126-013)
- 2 German 1 B-3: beginners' German first year C (126-003)
- 2 German 1 B-4: beginners' German first year D (126-004)
- 2 German 1 C-3: intermediate German first year C (126-0081)
- 2 German 1 C-4: intermediate German first year D (126-0091)

### Second-year subjects

- 1 German 2 B-1: beginners German second year A (126-0052)
- 1 German 2 B-2: beginners German second year B (126-0072)
- 2 German 2 B-3: beginners German second year C (126-0082)
- 2 German 2 B-4: beginners German second year D (126-0092)

### Subject descriptions

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

**GERMAN 1 A-1: advanced German first year A (7.5 CPs. Sem. I. Bu.)**  
**126-010 Dr Kristina Brazaitis**

Students are introduced to important cultural, literary and linguistic aspects of the German language. They are given the opportunity to develop topics of interest within these general areas and are also introduced to a variety of specialist terminology within these general areas.

**Prerequisite:** VCE German or equivalent.

**Co-requisite:** 126-011.

**Class requirements:** two hours of language seminar per week.

**Assessment:** two 1-hour written examinations or equivalent, or written work of not more than 2,000-words.

**GERMAN 1 A-2: advanced German first year B (15 CPs. Sem. I. Bu.)**

**126-011 Dr Kristina Brazaitis**

Students acquire a proficiency in basic idiomatic and conversational forms and in written structures of moderate complexity. Students acquire the ability to interpret messages of an intermediate level of complexity occurring in a variety of audio-visual media and in individual and group spoken forms.

**Prerequisite:** VCE German or equivalent.

**Co-requisite:** 126-010.

**Class requirements:** three-hours of language seminar per week.

**Assessment:** one 2-hour written examination, one 20-minute oral or aural examination and written work of not more than 1,000-words.

**Prescribed reading:**

Dreyer & Schmitt. *A practice grammar of German*, Verlag für Deutsch 1994.

**GERMAN 1 A-3: advanced German first year C (7.5 CPs. Sem. II. Bu.)**

**126-012 Dr Kristina Brazaitis**

See subject description, class requirements and assessment details for GERMAN 1 A-1: advanced German first year A: 126-010.

**Prerequisite:** 126-011 and 126-010 or equivalent.

**Co-requisite:** 126-013.

**GERMAN 1 A-4: advanced German first year D (15 CPs. Sem. II. Bu.)**

**126-013 Dr Kristina Brazaitis**

See subject description, class requirements and assessment details for GERMAN 1 A-2: advanced German first year B: 126-011.

Students acquire a proficiency in basic idiomatic and conversational forms and are able to converse freely using these forms. They develop a proficiency in written structures of moderate complexity and are able to formulate such structures clearly and accurately. They develop the ability to interpret messages of an intermediate level of complexity occurring in a variety of audio-visual media and in individual and group spoken forms.

**Prerequisite:** 126-011 and 126-010 or equivalent.

**Co-requisite:** 126-012.

**Prescribed reading:**

Dreyer & Schmitt. *A practice grammar of German*, Verlag für Deutsch 1994.

**GERMAN 1 B-1: beginners' German first year A (7.5 CPs. Sem. I. Bu.)**

**126-001 Dr Kristina Brazaitis**

Students are introduced to the basic spoken language. They also achieve the level of spoken language competency required for admission into German 1B-3 and 1B-4.

**Co-requisite:** 126-002.

**Class requirements:** two-hours of language seminar per week.

**Assessment:** one 10-minute oral examination and one 30-minute aural examination.

**Prescribed Reading:**

D. Dollenmeyer, *Neue Horizonte* (Textbook and Workbook) (4<sup>th</sup> edn) Heath and Co. 1996.

**GERMAN 1 B-2: beginners' German first year B (15 CPs. Sem. I. Bu.)**

**126-002 Dr Kristina Brazaitis**

This is an introduction to spoken and written German for students with little or no knowledge of the language. Students are introduced to the basic spoken language and some of the grammatical structures, along with the capacity to apply these principles in speech and writing. They will gain the ability to read and evaluate a small range of German texts.

**Co-requisite:** 126-001.

**Class requirements:** three-hours of language seminar per week.

**Assessment:** one 3-hour examination plus short weekly assignments and fortnightly vocabulary tests totalling 1,000-words.

**Prescribed reading:**

Dollenmeyer, D. *Neue Horizonte* (Textbook and Workbook) (4<sup>th</sup> edn) Heath and Co. 1996.

**GERMAN 1 B-3 : beginners' German first year C (7.5 CPs. Sem. II. Bu.)**

**126-003 Dr Kristina Brazaitis**

Students acquire a clear and accurate spoken fluency at a basic standard of the language. They also develop a familiarity with important German cultural habits.

**Co-requisite:** 126-004.

**Class requirements:** two-hours of language seminar per week.

**Assessment:** one 1-hour written test and one 20-minute oral test.

**Prescribed reading:**

Dollenmeyer, D. *Neue Horizonte* (Textbook and Workbook) (4<sup>th</sup> edn) Heath and Co. 1996.



**GERMAN 1 B-4 : beginners' German first year D (15 CPs. Sem. II. Bu.) 126-004 Dr Kristina Brazaitis**

This is an extension of the work done in German 1B-1 and 1B-2. Students endeavour to command a knowledge of the principal grammatical structures of the German language and attain the capacity to apply these in writing. They also endeavour to command the ability to read and evaluate a wide variety of texts ranging from newspaper items to journal articles, short stories and poems.

*Co-requisite:* 126-003.

*Class requirements:* three-hours of language seminar per week.

*Assessment:* one 3-hour examination plus short weekly assignments and fortnightly vocabulary tests equivalent to 1,000-words.

**Prescribed reading**

D. Dollenmeyer, *Neue Horizonte* (Textbook and Workbook) (4<sup>th</sup> edn) Heath and Co. 1996.

**GERMAN 1 C-1: intermediate German first year A (7.5 CPs. Sem. I. Bu.) 126-0051 Dr Kristina Brazaitis**

All facets of the grammar of German are explored, including a thorough revision of all grammar covered by the syllabus of German 1B. Aspects of 20<sup>th</sup> century culture, politics and literature are also taught as a component of this subject.

*Prerequisite:* 126-003 and 126-004 or equivalent.

*Co-requisite:* 126-0071.

*Class requirements:* two-hours of language seminar per week.

*Assessment:* one 1.5-hour examination and homework assignments equivalent to 500-words.

**Prescribed reading:**

Sparks & Van Horn Vail, *German in review*, Harcourt Brace 1986.

**GERMAN 1 C-2: intermediate German first year B (15 CPs. Sem. I. Bu.) 126-0071 Dr Kristina Brazaitis**

This subject is text based and tests students' ability to speak, read and write German while also contributing to the extension of their active and passive vocabularies.

*Prerequisite:* 126-003 and 126-004 or equivalent.

*Co-requisite:* 126-0051.

*Class requirements:* three-hours of language seminar per week.

*Assessment:* one 2.5-hour examination, one aural examination equivalent to 400-words, one 10-minute oral examination equivalent to 500-words and weekly vocabulary tests equivalent to 600-words.

**Prescribed reading:**

Moeller, Liedloff et al, *Kaleidoskop*, Houghton Mifflin, latest edn. Sparks & Van Horn Vail, *German in review*, Harcourt and Brace 1996.

**GERMAN 1 C-3: intermediate German first year C (7.5 CPs. Sem. II. Bu.) 126-0081 Dr Kristina Brazaitis**

During this subject students acquire and expand language skills through intensive language training and cultural studies. Students increase their vocabulary to a moderate level of complexity in speaking, aural understanding, reading and writing. Aspects of 20<sup>th</sup> century culture, politics and literature are also taught as a component of this subject.

*Prerequisite:* 126-0051 and 126-0071 or equivalent.

*Co-requisite:* 126-0091.

*Class requirements:* two-hours of language seminar per week.

*Assessment:* one 2-hour examination, one 20-minute oral examination, an aural examination equivalent to 500-words and one written assignment equivalent to 500-words.

**GERMAN 1 C-4: intermediate German first year D (15 CPs. Sem. II. Bu.) 126-0091 Dr Kristina Brazaitis**

This subject is text based and tests students' ability to speak, read and write German, while also contributing to the extension of their active and passive vocabularies.

*Prerequisite:* 126-0051 and 126-0071 or equivalent.

*Co-requisite:* 126-0081.

*Class requirements:* three-hours of language seminar per week.

*Assessment:* one 2.5-hour examination, one 10-minute oral examination equivalent to 500-words, one aural examination equivalent to 400-words and weekly vocabulary tests equivalent to 600-words.

**Prescribed reading:**

Moeller, Liedloff et al, *Kaleidoskop*, Houghton Mifflin, latest edition. Sparks & Van Horn Vail, *German in review*, Harcourt and Brace 1996.

**GERMAN 2 B-1: beginners German second year A (7.5 CPs. Sem. I. Bu.) 126-0052 Dr Kristina Brazaitis**

All facets of the grammar of German are explored, including a thorough revision of all grammar covered by the syllabus of German 1B. Aspects of 20<sup>th</sup> century culture, politics and literature are also taught as a component of this subject.

*Prerequisite:* 126-003 and 126-004 or equivalent.

*Co-requisite:* 126-0072.

*Class requirements:* two-hours of language seminar per week.

*Assessment:* one 1.5-hour examination and homework assignments equivalent to 500-words.

**Prescribed reading:**

Sparks & Van Horn Vail, *German in review*, Harcourt Brace 1986.

**GERMAN 2 B-2: beginners German second year B (15 CPs. Sem. I. Bu.) 126-0072 Dr Kristina Brazaitis**

This subject is text based and tests students' ability to speak, read and write German, while also contributing to the extension of their active and passive vocabularies.

*Prerequisite:* 126-003 and 126-004 or equivalent.

*Co-requisite:* 126-0052.

*Class requirements:* three-hours of language seminar per week.

*Assessment:* one 2.5-hour examination, one aural examination equivalent to 400-words, one 10-minute oral examination equivalent to 500-words and weekly vocabulary tests equivalent to 600-words.

**Prescribed reading:**

Moeller, Liedloff et al, *Kaleidoskop*, Houghton Mifflin, latest edition. Sparks & Van Horn Vail, *German in review*, Harcourt and Brace 1996.

**GERMAN 2 B-3: beginners German second year C (7.5 CPs. Sem. II. Bu.) 126-0082 Dr Kristina Brazaitis**

Students acquire and expand language skills through intensive language training and cultural studies. Students increase their vocabulary to a moderate level of complexity in speaking, aural understanding, reading and writing of German. Aspects of 20<sup>th</sup> century culture, politics and literature are also taught as a component of this subject.

*Prerequisite:* 126-0052 and 126-0072 or equivalent.

*Co-requisite:* 126-0092.

*Class requirements:* two-hours of language seminar per week.

*Assessment:* one 2-hour examination, one 20-minute oral examination, an aural examination equivalent to 500-words and one written assignment equivalent to 500-words.

**GERMAN 2 B-4: beginners German second year D (15 CPs. Sem. II. Bu.) 126-0092 Dr Kristina Brazaitis**

This subject is text based and tests students' ability to speak, read and write German, while also contributing to the extension of both their active and passive vocabularies.

*Prerequisite:* 126-0052 and 126-0072 or equivalent.

*Co-requisite:* 126-0082.

*Class requirements:* three-hours of language seminar per week.

*Assessment:* one 2.5 hour examination, one 10-minute oral examination equivalent to 500-words, one aural examination equivalent to 400-words and weekly vocabulary tests equivalent to 600-words.

**Prescribed reading:**

Moeller, Liedloff et al, *Kaleidoskop*, Houghton Mifflin, latest edn. Sparks & Van Horn Vail, *German in review*, Harcourt and Brace 1996.

**Hindi Dr Greg Bailey (Asian Studies)**

In the year 2000, only Hindi 3B-1 and Hindi 3B-2 will be offered, subject to sufficient student enrolment and funding.

**Programs of study**

**Third-year subjects**

**20 credit points**

- 1 Hindi 3 B-1: intermediate Hindi 1
- 2 Hindi 3 B-2: intermediate Hindi 2

**Subject descriptions**

The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

**HINDI 3 B-1: intermediate Hindi 1 (20 CPs. Sem. I. Bu.) HND3B1**

This subject provides a thorough review of basic grammar and vocabulary in written and spoken Hindi. Weekly grammar and translation exercises are used to consolidate the skills acquired at first year level. The subject is designed to improve the ability to read original Hindi short stories, poems and newspaper articles. In addition, students are required to watch the first half of a Hindi film with annotated script. Regular attendance is essential, as participation in class conversation is used to sharpen conversational skills.

*Prerequisite:* HND2B2 or HND2AH or VCE Hindi.

*Class requirements:* two 1-hour lectures, two 1-hour tutorials and one 1-hour conversation class per week.

*Assessment:* ten weekly written assignments (40%), one 2-hour final examination (40%), and class performance (20%).

**Preliminary reading:**

Hook, P. E. *Hindi structures: intermediate level*, University of Michigan Center for South Asian Studies 1979.  
 Jain, U. R. and Schomer, K. *Intermediate Hindi reader*, 2 vols, University of California 1983.  
 Kachru, Y. and Pandharipande, R. *Intermediate Hindi*, (2 vols) Motilal Banarsidas 1983.

**Prescribed reading:**

Sharma, A. *A basic grammar of modern Hindi*, Central Hindi Directorate, Government of India 1972.

**HINDI 3 B-2: intermediate Hindi 2 (20 CPs. Sem. II. Bu.) HND3B2**

This subject further clarifies complex grammatical structures and students are encouraged to write in Hindi. Students will, in turn, lead class conversation on everyday topics to improve their oral skills. In addition, students are required to watch the second half of a Hindi film with annotated script. Regular attendance is essential.

*Prerequisite:* HND3B1.

*Class requirements:* two 1-hour lectures, two 1-hour tutorials and one 1-hour conversation class per week.

*Assessment:* ten weekly written assignments (40%), class performance (20%), and one 2-hour final examination (40%).

**Preliminary reading:**

Hook, P. E. *Hindi structures: intermediate level*, University of Michigan Center for South Asian Studies 1979.  
 Jain, U. R. and Schomer, K. *Intermediate Hindi reader*, 2 vols, University of California 1983.  
 Kachru, Y. and Pandharipande, R. *Intermediate Hindi*, (2 vols) Motilal Banarsidas 1983.

**Prescribed reading:**

Sharma, A. *A basic grammar of modern Hindi*, Central Hindi Directorate, Government of India 1972.

**Historical archaeology and history: combined studies**

*Professor Tim Murray (Archaeology)*

Historians use and use increasingly, documents other than written texts for reconstructing past worlds. The application of archaeological forms of inquiry to epochs for which written records survive has created a growing sub-discipline of historical archaeology. A double major may be taken in historical archaeology and history.

**Programs of study**

To qualify for a degree by taking a double major in historical archaeology and history, students must complete 220 credit points from the two disciplines of archaeology and history, selected with the approval of the coordinator of the major. The requirements are listed below.

**First-year subjects**

The equivalent of 30 credit points at first-year level in both archaeology and history.

**Second and third-year subjects**

Subjects totalling at least 160 credit points of archaeology and history, approved by the coordinators, who will assist students to find a selection of subjects appropriate to their particular interests. Students must complete 40 credit points of each discipline at third-year level and must complete Archaeology 2 AMW and 3 HA.

**History Professor Alan Frost**

The Department of History offers a wide range of subjects covering aspects of European, British, North American, Latin American, African and Australian history, as well as some subjects concentrating on the history of ideas, society or culture, rather than on particular regions or countries. It is therefore possible for students to select a sequence or a major which allows them to concentrate to a considerable extent on certain areas (for example, European, American or Australian history) or themes (for example, culture contact, social history, revolutionary movements in modern history, gender and religion). Other relevant subjects which may fit into such sequences are offered outside the department. There are, for example, subjects dealing with the philosophy of history offered in the School of Philosophy.

**Programs of study**

Those qualifying for the degree with a major in history must include at least 150 credit points, of which 30 credit points are normally at first year level, 40 credit points at second year and 80 credit points at third year levels. Students may however, take up to 205 credit points of history subjects as part of their degree.

Those who think they might wish to pursue an honours degree in history are advised to take 80 credit points of history in their second year.

Students who wish to satisfy the degree requirements by taking two sequences, one of which is in history, are required to take 110 credit

points in history, normally made up of 30 credit points at first-year level and 40 credit points at second and third-year levels.

**Prerequisites**

Students who have passed only one semester subject of first year history can enrol in later year subjects with the permission of the Head of Department (a C-grade or better will be required). A later-year semester subject in history may be used to complete the first-year enrolment.

All subjects are offered subject to the availability of appropriate staffing and minimum enrolments. Depending on staff availability, it may also be necessary to quota some subjects.

**First-year subjects****15 credit points****Sem.**

- |   |   |
|---|---|
| 1 | History 1 ABR: Aboriginal and Pacific religions   |
| 1 | History 1 ACA: ancient civilisations part 1   |
| 1 | History 1 AHA: Australian history Part A  |
| 1 | History 1 AMI: the conquest of the Americas: Aztecs, Incas, Mayans and Spaniards                      |
| 1 | History 1 BAA: the making of convict Australia: British authority and convict challenges <sup>1</sup> |
| 1 | History 1 BAB: the making of colonial Melbourne: city life and culture in Australia and Britain       |
| 1 | History 1 HFA: American history through film: the growth of the republic, 1500-1877                   |
| 1 | History 1 MEA: modern Europe, 1760-1890: from monarchies to nations                                   |
| 1 | History 1 MLH: myth, legend and history   |
| 1 | History 1 MW: making of the modern world: Europe, Africa and the Americas <sup>1</sup>                |
| 2 | History 1 AAH: Australian Aboriginal history  |
| 2 | History 1 ACB: ancient civilisations B <sup>1</sup>   |
| 2 | History 1 AHB: Australian history Part B  |
| 2 | History 1 ECA: introduction to European civilisation Part A   |
| 2 | History 1 ECB: introduction to European civilisation Part B <sup>1</sup>                              |
| 2 | History 1 HFB: American history through film: modern America 1877-1999                                |
| 2 | History 1 ILA: Latin American history through film and popular culture 1820-2000                      |
| 2 | History 1 MEB: modern Europe: the twentieth century   |

**Second or third-year subjects****20 credit points**

- |   |  |
|---|--|
| 1 | History 2 AA/3 AA: ancient Africa  |
| 1 | History 2 AC/3 AC: ancient China, society and ideas  |
| 1 | History 2 AIA/3 AIA: ancient Israel Part A   |
| 1 | History 2 AMTC/3 AMTC: Australia: colony to nation   |
| 1 | History 2 AR/3 AR: Aboriginal religion   |
| 1 | History 2 ASA/3 ASA: Aborigines and Europeans in south-east Australia                                  |
| 1 | History 2 BTR/3 BTR: Britain in the 1980s: the Thatcher revolution                                     |
| 1 | History 2 COA/3 COA: the cold war  |
| 1 | History 2 FSHA/3 FSHA: rite, drama and witchcraft in early modern France 1500-1750                     |
| 1 | History 2 IR-1/3 IR-1: Ireland under British rule - 1  |
| 1 | History 2 JFF/3 JFF: Jesus: fact or fiction <sup>1</sup>   |
| 1 | History 2 MHCA/3 MHCA: medicine and health care through the ages                                       |
| 1 | History 2 MIR/3 MIR: muscovite and imperial Russia, 1380-1812 <sup>1</sup>                             |
| 1 | History 2 NGE/3 NGE: Nazi Germany and Europe   |
| 1 | History 2 PAB/3 PAB: Portugal and the Portuguese empire in Asia, Africa and Brazil, 1500 - 1800        |
| 1 | History 2 PBE/3 PBE: Portugal and the beginnings of European expansion                                 |
| 1 | History 2 PSA/3 PSA: peasants and politics in Latin America  |
| 1 | History 2 REV-1/3 REV-1: the processes of European revolutions   |
| 1 | History 2 RO/3 RO: the Russian and Ottoman experience <sup>1</sup>                                     |
| 1 | History 2 RTM/3 RTM: representing Tudor monarchy: England 1485-1603 <sup>1</sup>                       |
| 1 | History 2 UAA/3 UAA: slavery and sectionalism in the United States <sup>1</sup>                        |
| 1 | History 2 UBA/3 UBA: the United States and World War II  |
| 1 | History 2 WINA/3 WINA: what's in the news: contemporary Africa <sup>1</sup>                            |
| 2 | History 2 AAS/3 AAS: Aboriginal Australians and the state  |
| 2 | History 2 AGR/3 AGR: antiquity, gender and religion <sup>1</sup>                                       |
| 2 | History 2 BLI/3 BLI: kings and commoners: Britain (1800 to 1870)                                       |
| 2 | History 2 BLN/3 BLN: Britain in the late 19th century: class, race and gender <sup>1</sup>             |
| 2 | History 2 COB/3 COB: the cold war in Latin America <sup>1</sup>  |
| 2 | History 2 FDA/3 FDA: food and drink through the ages   |
| 2 | History 2 FSHB/3 FSHB: social relationships in early modern France 1500 - 1750 <sup>1</sup>            |
| 2 | History 2 GAW/3 GAW: gender and war: Australian perspectives <sup>1</sup>                              |
| 2 | History 2 GH/3 GH: genocides and Holocaust: Nazi Europe, Latin America (Guatemala) and Africa (Rwanda) |

- 2 History 2 GRA/3 GRA: gender relations in Australian society
- 2 History 2 IR-2/3 IR-2: Ireland under British rule - 2
- 2 History 2 LIR/3 LIR: late-imperial Russia, 1812-1917 <sup>1</sup>
- 2 History 2 MSS/3 MSS: modern sport and society <sup>1</sup>
- 2 History 2 PSB/3 PSB: peasants and revolution in Central America 1950 - 1998 <sup>1</sup>
- 2 History 2 PWA/3 PWA: the liberal state: the United States, 1945-1968
- 2 History 2 REV-2/3 REV-2: causes of European revolutions
- 2 History 2 SA/3 SA: South African history <sup>1</sup>
- 2 History 2 TCA/3 TCA: welfare in 20 th century Australia <sup>1</sup>
- 2 History 2 UAB/3 UAB: civil war and reconstruction in the USA
- 2 History 2 W/3 W: the world since 1945

### Third-year subjects 20 credit points

- 1 History 3 RCA: individual readings
- 1 History 3 RHA: reflective history <sup>2</sup>
- 2 History 3 RCB: individual readings
- 2 History 3 RHB: reflective history <sup>2</sup>

Key: <sup>1</sup> Not available in 2000. <sup>2</sup> A special honours subject, available only to selected students.

### Other subjects approved for a major in history

Students qualifying for a degree by taking a major sequence in history should note that no more than 40 credit points of subjects from this category may be credited towards a sequence.

### Honours Coordinator: Mr Warren Ellem

Honours in history requires intensive study of the discipline during both third and fourth years. Separate honours studies commence in third year. To enter the fourth year, a student is normally expected to have completed 190 credit points of history subjects, including one of the special third year honours subjects, History 3 RHA (first semester) or History 3 RHB (second semester) Before the end of their second year students who wish to enter the honours program should apply to the honours coordinator. Students are advised to consult beforehand the history lecturers and tutors with whom they are studying, since a high standard is expected in the course. History 4 consists of two components of course-work, each of which counts for 20% of the final mark, an examination in the general seminar which counts for 10% of the final mark and a thesis of 12,000 to 15,000-words, which counts for 50% of the final mark. The two course-work components are a fourth year reflective history subject and a special study. Each year there is a choice of topics for each course-work component.

### Subject descriptions

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

### HISTORY 1 AAH: Australian Aboriginal history (15 CPs. Sem. II. Bu.) H1AAH Dr Richard Broome

In this subject students will study two key regions of Australia's colonial past - New South Wales, the cradle of white settlement and the Northern Territory, Australia's last frontier - to explore indigenous/non-indigenous relations. The focus will be on settler racial ideas and representations of Aborigines, and their efforts to reshape and control Aboriginal people through institutions and legislation, and also on continued Aboriginal accommodation and resistance to such colonial pressures. Comparisons will emerge between these case studies to indicate the trajectories of Australia's colonial 'race' relations. **Class requirements:** one 1-hour lecture, and one 2-hour tutorial per week. **Assessment:** one 1,000-word essay (30%), one 2,000-word essay (50%), and one 1-hour test (20%).

### Preliminary reading:

Broome, R. *Aboriginal Australians*, 2nd edn, Allen & Unwin, 1994.  
Lukin Watson, P. *Frontier lands and pioneer legends*, Allen & Unwin 1998.

### HISTORY 1 ABR: Aboriginal and Pacific religions (15 CPs. Sem. I. Bu.) H1ABR Dr Paul Rule

This subject both introduces the basic analytical categories in the study of religion - myth, ritual, specialists in the sacred, healing and harming etc. - and introduces students to Australian Aboriginal religion and Pacific Island religions and societies. Historical and anthropological data are used, some basic theoretical approaches are explored, and a variety of case studies of religions of various areas and of themes, such as women in religion, sorcery, religion and the land are treated. The subject is a useful introduction to religious studies, history and Aboriginal studies.

**Incompatible subject:** RS1ABR and RS1A offered prior to 1997.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week. **Assessment:** one expression and comprehension exercise (10%), one 1,000-word analytical exercise (20%), one 2,000-word research essay (50%), and one 1-hour examination (20%).

### Preliminary reading:

Broome, R. *Aboriginal Australians*, 2<sup>nd</sup> edn, Allen & Unwin 1984.

### Prescribed reading:

Strehlow, T. G. H. *Central Australian religion*, AASR 1979.  
Marika, Wandjuk *Life story*, as told to Jennifer Isaacs, University of Queensland Press 1995.

### HISTORY 1 ACA: ancient civilisations part 1 (15 CPs. Sem. I. Bu.)

#### H1ACA Dr Anne Gardner

Ancient Mesopotamia, Egypt, Canaan and Israel, rich in myth and legend, are often considered the cradle of Western civilisation. These societies exhibit a wide range of political organisation and their cultural achievements include the invention of writing, mathematics, astronomy and the alphabet. Further, they were the matrix from which the Bible was born.

**Incompatible subject:** H1AC and RS1AC offered prior to 1997.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week. **Assessment:** two 1,500-word tutorial papers (30% each) tutorial performance (10%), final 1-hour examination (30%).

### Prescribed reading:

Frankfort, H. *The intellectual adventure of ancient man*, Chicago 1976.  
Hallo, W. W. and Simpson, W. K. *The ancient Near East: a history*, HBJ 1971.

Anderson, B. W. *The living world of the Old Testament*, 3<sup>rd</sup> edn, Longman 1978.

### HISTORY 1 ACB: ancient civilisations B (15 CPs. Sem. II. Bu.) H1ACB

#### Dr Anne Gardner

Not available in 2000.

### HISTORY 1 AHA: Australian history part A (15 CPs. Sem I. Bu.)

#### H1AHA Dr John Hirst

In this subject, we develop understandings of colonial society in Australia 1788-1901. Do we explain its distinctive features in terms of the migrants themselves, the new environment, the time in world history when the settlement occurred? Topics to be examined include the migrants and the society they left, their use of the new land and their treatment of its Aboriginal owners, the creation of wealth and its distribution, democratic government, relations with the mother country, the formation of an Australian identity and the union of the colonies into the Commonwealth.

**Class requirements:** two 1-hour lectures and one 1.5-hour workshop per week.

**Assessment:** two half-hour tests (30%), one 1,000-word written exercise (30%), and one 2,000-word essay (40%).

### Preliminary reading:

Richardson, H. H. *The fortunes of Richard Mahony*, Penguin 1982.

### Recommended reading:

Bolton, G. *Oxford history of Australia*, vol.5, 1942-1990, 2<sup>nd</sup> edn, OUP 1996  
Macintyre, S. *Oxford history of Australia*, vol. 4, 1901-1942, OUP 1988.

### HISTORY 1 AHB: Australian history part B (15 CPs. Sem. II. Bu.)

#### H1AHB Dr Diane Kirkby

In this subject we trace the history of the nation from federation to the present. Topics covered include the establishment of the nation in the first two decades of the century, Australia's involvement in two world wars and the Vietnam conflict, the development and dismantling of a welfare state, changing policies on immigration and multiculturalism, the Menzies era and the Cold War, the women's movement and the counter-culture youth revolt of the 1970s. We explore Australia's changing relations with the US and Asia, Aboriginal political organising, and the issues of reconciliation and republicanism to the future of Australia.

**Incompatible subject:** H2AMTN/H3AMTN.

**Class requirements:** two 1-hour lectures, and one 1.5-hour workshop per week.

**Assessment:** two half-hour tests (30%), one 1,000-word written exercise (30%), and one 2,000-word essay (40%).

### Preliminary reading:

Johnson, G. *My brother Jack*, Collins 1964.

### Recommended reading:

Bolton, G. *Oxford History of Australia*, vol. 5, 1942-1990, 2nd edn, OUP 1996.  
Macintyre, S. *Oxford History of Australia*, vol. 4, 1901-1942, OUP 1988.

**HISTORY 1 AMI: the conquest of the Americas: Aztecs, Mayans, Incas, and Spaniards (15 CPs. Sem. I. Bu.) H1AMI Dr Barry Carr and Dr Stephen Niblo**

In this subject students will examine aspects of Indian societies (primarily the Aztecs, Mayans and Incas) on the eve of the European conquest of the Americas. The conquest will be explored in terms of the impact on native societies and attempts to resist and/or modify that impact. Myths and legends surrounding the clash of cultures will also be studied, as well as attempts by colonial and national governments to deal with indigenous people and their struggle to defend their lands and cultures in the face of new market opportunities generated by European interest in land, minerals, coffee and sugar. *Incompatible subject:* H1IC.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week. *Assessment:* one weekly quiz (20%), one 1,500-word bibliographical analysis (30%), and one 2,500-word research essay (50%).

**Prescribed reading:**

Keen, B. *Latin American civilisation: history and society 1492 to the present*, Westview Press 1995.

Starn, O. et al (eds.) *The Peru reader*, Duke UP 1995.

Taylor, W. B. and Pease, F. *Violence, resistance and survival in the Americas*, Smithsonian Institution 1994.

Kicza, J. (ed.) *The Indian in Latin American history: resistance, resilience and acculturation*, Scholarly Resources 1997.

**HISTORY 1 BAA: the making of convict Australia: British authority and convict challenge (15 CPs. Sem. I. Bu.) H1BAA Dr Richard Broome**  
*Not available in 2000.*

**HISTORY 1 BAB: cities: the urban culture of nineteenth century Britain and Australia (15 CPs. Sem. I. Bu.) H1BAB Mr Alex Tyrrell**

As early as 1843 the nineteenth century was described as 'the age of great cities'. Using Edinburgh, Manchester and Melbourne as case studies, in this subject students examine the variety, growth, nature and problems of the cities that developed in Britain and Australia during this era. The following questions receive special attention. Why did these cities develop the way they did? What were their distinctive institutions and rituals? What was the importance of the suburb? What do historians mean when they say that city space was set out to accord with ideas of class and gender? Who were the critics and reformers of the nineteenth-century city? What was the representation of the city in the literature of the day? What sort of 'cultural baggage' did British immigrants bring to the making of colonial Melbourne?

*Incompatible subject:* H1BNA offered prior to 1997.

*Class requirements:* two 1-hour lectures and one 1.5-hour tutorial per week.

*Assessment:* one 1,000-word essay (30%), one 2,000-word essay (50%), and one 1-hour short answer test (20%).

**Preliminary reading:**

Perkin, H. *The origins of modern English society, 1780-1880*, RKP 1972.

**Recommended reading:**

Davidoff, L. and Hall, C. *Family fortunes. Men and women of the English middle class, 1780-1850*, Hutchinson 1987.

Davison, G. *The rise and fall of marvellous Melbourne*, MUP 1978.

**HISTORY 1 ECA: introduction to European civilisation part A (15 CPs. Sem. II. Bu.) H1ECA Dr John Hirst**

In this subject we introduce students to the history of European civilisation from Greek and Roman times to 1800. It is useful for those planning further studies in European, American and Australian history. The three elements that went into the making of the civilisation are examined: Greece and Rome; Christianity; the German warriors who invaded the Roman Empire. The course of change is considered by examining the role of great people, warfare, economic development, and new ideas.

*Incompatible subject:* H1EC.

*Class requirements:* one 1-hour and one 1.5-hour lecture (to allow for film showings) and one 1.5-hour tutorial per week.

*Assessment:* two half-hour short tests (30%), one 1,000-word written exercise (30%), and one 2,000-word essay (40%).

**Prescribed reading:**

Greer, T. H. *A brief history of the Western world*, HBJ 1992.

**HISTORY 1 ECB: introduction to European civilisation part B (15 CPs. Sem. II. Bu.) H1ECB Dr John Hirst**

*Not available in 2000.*

**HISTORY 1 HFA: American history through film: the growth of the republic, 1500 - 1877 (15 CPs. Sem. I. Bu., Aw.) H1HFA Dr William J. Breen**

In this subject students examine certain themes in the history of the United States from pre-Columbian times to the late 19th century. Central to the teaching method will be the weekly screening of a feature or documentary film. Students will analyse the ways in which films have depicted US history and develop a critical awareness of the ambiguous relationship between film narrative and historical discourse. Lectures provide a wider historical context linking the films to the issues raised in the tutorials. Themes covered include first contacts between Europeans and Native Americans, the growth of African slavery, the American Revolution, westward expansion, the destruction of Plains Indian culture and the American Civil War and its meaning.

*Class requirements:* Bundoora campus: one 2 to 3-hour film screening, one 1-hour tutorial and one 1-hour lecture per week.

Albury/Wodonga campus: one 2 to 3-hour film screening, and one 1-hour tutorial per week plus one 2-hour lecture per fortnight.

*Assessment:* regular tutorial exercises (20%), one 1,500-word essay (40%), and one 1.5-hour examination (40%).

**Prescribed reading:**

Nash, G. B., Howe, J. R., Davis, A. F., Jeffrey, J. R., Frederick, P. J., and Winkler, A. M. *The American people. Creating a nation and a society, brief 2nd edn.* Harper Collins 1996.

**HISTORY 1 HFB: American history through film: modern America 1877 - 2000 (15 CPs. Sem. II. Bu., Aw.) H1HFB Dr William J. Breen**

Students examine certain themes in the history of the United States from the end of the Civil War to the turn of the 21st century. Central to the teaching method will be the weekly screening of a feature or documentary film. Students will analyse the ways in which films have depicted US history and develop a critical awareness of the ambiguous relationship between film narrative and historical discourse. Lectures will provide a wider historical context linking the films to the issues raised in the tutorials. Themes to be covered include the growth of an industrial, urban and multicultural society, the collapse of the economy in 1929 and the subsequent transformation of the nation through depression and war, racism in America and the drive to end it, the Cold War, cultural pluralism and culture wars.

*Class requirements:* Bundoora campus: one 2 to 3-hour film screening, one 1-hour tutorial and one 1-hour lecture per week.

Albury/Wodonga campus: one 2 to 3-hour film screening, and one 1-hour tutorial per week plus one 2-hour lecture per fortnight.

*Assessment:* regular weekly exercises (20%), one 1,500-word essay (40%), and one 1.5-hour examination (40%).

**Prescribed reading:**

Nash, G. B., Howe, J. R., Davis, A. F., Jeffrey, J. R., Frederick, P. J., and Winkler, A. M. *The American people. Creating a nation and a society, brief, 2nd edn.*, Harper Collins 1996.

**HISTORY 1 ILA: Latin American history through film and popular culture 1820-2000 (15 CPs. Sem. II. Bu.) H1ILA Dr Barry Carr and Dr Stephen Niblo**

In this subject students will examine key issues in the development of modern Latin American history since independence until the present day. The issues will include: the nature and impact of independence struggles, cultural nationalism, rebellion revolution and violence, foreign intervention, land and labour reform, the role of the Catholic Church, women and economic development.

Students will explore the ways in which these issues have been represented in documentary and feature film and popular culture (cartoons, mural art, folk art, theatre and music) Case studies will be selected from a wide range of Latin American settings but special emphasis will be given to Mexico, Cuba, Argentina and Brazil.

*Class requirements:* one 1-hour lecture and one 2-hour workshop per week, plus occasional 2-hour film sessions.

*Assessment:* 10 multiple choice surveys (20%), one 1,000-word essay (10%), one 3,000-word essay (60%), and workshop participation (10%).

**Preliminary reading:**

Skidmore, T. and Smith, P. H. *Modern Latin America*, OUP 1992.

**Recommended reading:**

Rowe, W. and Schelling, V. *Memory and modernity: popular culture in Latin America*, Verso 1991.

**HISTORY 1 MEA: modern Europe, 1760-1890: from monarchies to nations (15 CPs. Sem. I. Bu.) H1MEA Dr Philip Bull and Dr Adrian Jones**

This subject is a study of how the old monarchical and paternalist orders of society in Europe were transformed by ideas of liberty,

democracy and nationalism. Initially the focus is upon the values and traditions of the Old Regimes, but students will then trace how these were undermined by the French and Industrial Revolutions. The impact of new ideas of rights, citizenship, nationality, democracy and equality are the focus of studies of key and contrasting episodes in the history of European nations in the nineteenth century. In these developments can be seen the roots of the political and social crises of the twentieth century.

**Incompatible subject:** H1ME

**Class requirements:** two 1-hour lectures and one 1.5-hour tutorials per week.

**Assessment:** based on two components, each marked out of 100: written work submitted during the semester and a 2-hour written examination. 60% of the final mark is allocated to the component in which the student does better, and 40% to the other. Written work during the semester comprises: one 500-word exercise and one 1,500-word essay.

**Preliminary reading:**

Hufton, O. *Europe: privilege and protest, 1730-1789*, Harvester 1980.

Woloch, I. *Eighteenth-century Europe: tradition and progress, 1715-1789*, Norton 1982.

**Recommended reading:**

Thomson, D. *Europe since Napoleon*, Penguin 1966.

**HISTORY 1 MEB: modern Europe: the twentieth century (15 CPs. Sem. II. Bu.) H1MEB** Dr Philip Bull and Dr Adrian Jones

This subject is a study of the turbulent twentieth century in Europe, beginning with the industrial, national and imperial rivalries which culminated in the First World War. The revolutions and revolutionary pressures which arose out of that war are examined as a background to the emergence of the ideologies of Fascism and Communism and the totalitarian regimes of Nazism and Stalinism. Post-war European prosperity and integration, the Cold War and the collapse of Communism are studied. Through this subject students will gain a deeper understanding of the crises which have characterised European history in the twentieth century.

**Class requirements:** two 1-hour lectures and one 1.5-hour tutorials per week

**Assessment:** based on two components, each marked out of 100: written work submitted during the semester and a 2-hour written examination. 60% of the final mark is allocated to the component in which the student does better, and 40% to the other. Written work during the semester comprises: one 500-word exercise and one 1,500 word essay.

**Preliminary reading:**

Joll, J. *Europe since 1870: an international history*, 4th edn Penguin 1990.

Thomson, D. *Europe since Napoleon*, Penguin 1966.

Wiskemann, E *Europe of the dictators, 1919-1945*, Fontana 1966.

**Prescribed reading:**

Derfler, L. *An age of conflict*, 2nd edn Harcourt Brace 1990.

**HISTORY 1 MLH: myth, legend and history (15 CPs. Sem. I. Bu.) H1MLH** Ms Judith Richards

Classic myths such as Orpheus and the Underworld, the siege of Troy, the legend of Atlantis, legends of King Arthur and the Round Table are central ways in which societies have long told stories about their origins and pasts. In this subject, students study the relationships of myth, legend and history from ancient Greece to 18<sup>th</sup> century Europe, when 'scientific' history became an accepted study. Students also examine what subsequently happened to myth, its translation into contemporary media such as film and how that relates to current history writing.

**Class requirements:** one 1-hour lecture, one 2-hour tutorial and provision for one lecture or film screening as required per week.

**Assessment:** one 500-word assignment (15%), one 1,000-word assignment (25%), one 2,000-word assignment (40%), and two short-answer tests (10% each).

**Recommended reading:**

Grant, M. *The classical Greeks*, Phoenix Paperback 1997.

**HISTORY 1 MW: making of the modern world: Europe, Africa and the Americas (15 CPs. Sem. I. Bu.) H1MW** Dr David Dorward, Dr Stephen Niblo and Dr Barry Carr  
*Not available in 2000.*

**HISTORY 2 AA: ancient Africa (20 CPs. Sem. I. Bu.) H2AA** Dr David Dorward

In this subject students will investigate the history and cultures of pre-colonial African societies: the Coptic Christian Kingdom of

Axum and successor states which became Ethiopia (Abyssinia) the Islamic Swahili culture of East Africa, Great Zimbabwe, Ancient Ghana and Mali, and the West African rainforest kingdoms of the Yoruba and Benin. The subject focuses on three main interrelated aspects: the nature of the state, trade and religion, based on myth, historical and archaeological evidence. Students will have an opportunity to explore the varied belief systems, how they influenced events, perceptions of the past, present and future.

**Prerequisite:** 30 credit points of first-year history.

**Class requirements:** two 1-hour lectures per week and one 1-hour tutorial per week.

**Assessment:** one 2,000-word bibliographic essay (40%), one 3,000-word research essay (50%), tutorial participation (10%)

**Preliminary reading:**

Connah, G. *Ancient civilizations: precolonial cities and states in tropical Africa*, CUP 1987.

**HISTORY 2 AAS: Aboriginal Australians and the state (20 CPs. Sem. II. Bu.) H2AAS** Dr Richard Broome

After 1900 the State continued to wield inordinate and discriminatory power over Aboriginal people, rationalised by a racial ideology. This subject examines this power and ideology and the increasing challenge to them from Aboriginal and other Australians. Students will examine relations on reserves, missions, pastoral stations and legislation that controlled and defined Aborigines and enabled their children to be removed. Students will explore the growing challenge from Aboriginal organisations and white support groups over Aboriginal rights, the changing discourse on Aborigines, the influence of war and social change in post-war Australia on the position of Aborigines and the fracturing of state power after the 1967 Referendum leading to the federal-state disputes over land rights and Mabo.

**Prerequisite:** 30 credit points of first-year history.

**Class requirements:** one 1-hour lecture and one 2-hour workshop each week.

**Assessment:** one 1,500-word essay (30%), one 2,500-word essay (50%), and one 1-hour short answer test (20%)

**Recommended reading:**

Broome, R. *Aboriginal Australians: black responses to white dominance 1788-1994*, 2nd edn, Allen & Unwin 1994.

Kidd, R. *The way we civilise. Aboriginal Affairs, the untold story*, UDP 1997.

**HISTORY 2 AC: ancient China, society and ideas (20 CPs. Sem. I. Bu.) H2AC** Dr Paul Rule

In this subject students study the relationship between developments in Chinese society and religious, political and social ideas from the Shang dynasty (1766-1222 BCE) to the Yuan dynasty (1260-1368 CE)

**Prerequisite:** 30 credit points of first-year history.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,000-word class paper (20%), one 3,000-word research essay (60%), and one 1,000-word final summing-up paper (20%).

**Prescribed reading:**

Confucius, *The Analects*, Penguin Classics.

Sommer, D. (ed.) *Chinese religion: an anthology of sources*, OUP 1995.

Lao Tzu, *Tao Te Ching*, Penguin Classics.

**HISTORY 2 AGR: antiquity, gender and religion (20 CPs. Sem. II. Bu.) H2AGR** Dr Anne Gardner  
*Not available in 2000.*

**HISTORY 2 AIA: ancient Israel Part A (20 CPs. Sem. I. Bu.) H2AIA** Dr Anne Gardner

Students investigate the history and culture of the people of Ancient Israel from 1500 to 586 B.C.E. This period includes Israel's origins, sojourn in Egypt, settlement in the land, the institution of the monarchy and its eventual downfall at the hands of the Babylonians. Throughout this period, Israelite religion and literature began to evolve. Like the history, these aspects of Israelite culture were affected in various ways through contact with surrounding nations. The Bible is the main primary source for both the history and culture but its evidence is subject to scrutiny in the face of archaeological data and historical critical methods.

**Prerequisite:** 30 credit points of either first-year history or religious studies.

**Incompatible subject:** RS 2 AI/3 AI offered prior to 1997.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.



**Assessment:** two 2,000-word seminar papers (40% each) and one 1-hour examination (20%).

**Preliminary reading:**

Anderson, G. W. *The history and religion of Israel*, OUP 1966.

**HISTORY 2 AMTC: Australia, colony to nation 1870-1920 (20 CPs. Sem. I. Bu.)** H2AMTC Dr Diane Kirkby

This subject covers the emergence of Australian nationhood from the colonial experiences of the late 19th century. Beginning with the importance of land in the colonial imagination, we explore the environmental and social consequences of settlement, urban and rural experiences, families and the beginnings of compulsory schooling. We trace changing attitudes towards racial differences, the growth of class and gender politics, and the exclusion of Aboriginal people from national citizenship. We critically examine the national legends of ANZAC, Ned Kelly, and the 1890s Bush Myth. We finish with soldier settlement after World War I, and the continuing issue of land in national politics.

**Prerequisite:** 30 credit points of first-year history.

**Incompatible subject:** H2AMT/H3AMT.

**Class requirements:** one 2-hour lecture/film and one 1-hour tutorial.

**Assessment:** two 2,500-word essays (50% each).

**Preliminary reading:**

Grimshaw, P. et al *Creating a nation* Penguin 1994.

**HISTORY 2 AR: Aboriginal religion (20 CP. Sem. I. Bu.)** H2AR Dr Paul Rule

This subject is particularly designed for students doing a sequence in religious studies, but relates it also to subjects in anthropology, archaeology and history, and may also be taken within an Aboriginal studies major or sequence.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** one 1,000-word class paper (20%) one 3,000-word research essay (60%) and one 1,000-word final paper (20%).

**Preliminary reading:**

Broome, R. *Aboriginal Australians*, Allen and Unwin 1982.

**Prescribed reading:**

Berndt, R. M. and C. H. *The world of the first Australians*, Aboriginal Studies Press 1988.

Charlesworth, M. et al. *Religion in Aboriginal Australia*, UQP 1984.

Swain, T. *A place for strangers*, CUP 1993.

**HISTORY 2 ASA: Aborigines and Europeans in south-east Australia (20 CPs. Sem. I. Bu.)** H2ASA Dr Richard Broome

This is an exploration of Aboriginal and European encounters in south-eastern Australia between 1800 and the present, focussing on Van Diemen's Land and Port Phillip before 1850. There were strong connections between these two societies, particularly in Aboriginal policy and practice through the establishment of Flinders Island and the Port Phillip Protectorate, both under George Augustus Robinson. Students study cultural encounters, paying particular attention to policy and practice, racial ideas, representations of Aborigines and the actions of Aboriginal people towards the European presence. These encounters include those involving explorers, missionaries, pastoralists, protectors and other government officials and encompass relations of violence, exchange, appropriation, law and policing, work and other cultural interactions.

**Prerequisite:** 30 credit points of first-year history.

**Class requirements:** one 1-hour lecture and one 2-hour workshop each week.

**Assessment:** one 1,500-word essay (30%), one 2,500-word essay (50%), and a one-hour short answer test (20%).

**Preliminary reading:**

Broome, R. *Aboriginal Australians*, 2nd edn. Allen & Unwin 1994.

**Recommended reading:**

Reynolds, H. *Fate of a free people*, Penguin 1995.

Ryan, L. *The Aboriginal Tasmanians*, Allen & Unwin 1996.

**HISTORY 2 BLI: kings and commoners: Britain (1800-1870) (20 CPs. Sem. II. Bu.)** H2BLI Mr Alex Tyrrell

How did the British monarchy fare in an age of revolution and reform? How did it survive scandal and unpopularity during an era when ideas of popular government and a puritanical moral code were setting new standards for public life? In this subject, students examine one of the watershed eras in modern history when the constitutional monarchy was consolidated as part of the set of ideas, institutions and procedures of a reformed liberal state. Topics include the Queen Caroline Divorce Case; the popularisation of the monarchy in the early Victorian era; ideas of social hierarchy; the liberal and radical reformers; and the changing social culture of the nineteenth century.

**Prerequisite:** 30 credit points of first-year history.

**Incompatible subject:** H2BA/3BA.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 2,000-word essay (40%) and one 3,000-word essay (60%).

**Preliminary reading:**

Evans, E. J. *The forging of the modern state. Early industrial Britain 1783-1870*, 2nd edn, Longman 1996.

**Prescribed reading:**

Colley, L. *Britons: forging the nation, 1707-1837*, Yale 1992.

Davidoff, L. and Hall, C. *Family fortunes: men and women of the English middle class 1780-1850*, Hutchinson 1987.

**HISTORY 2 BLN: Britain in the late 19th century: class, race and gender (20 CPs. Sem. II. Bu.)** H2BLN Dr Jim Hammerton  
Not available in 2000.

**HISTORY 2 BTR: Britain in the 1980s: the Thatcher revolution (20 CPs. Sem. I. Bu.)** H2BTR Mr Alex Tyrrell

*This subject may also be taken towards a major in Politics.*

By the end of the 1980s, commentators often spoke of a new Britain, the product of a break with the past brought about by 'Thatcherism', the 'conviction politics' of a redefined conservatism.

This subject opens with an overview of the 'consensus politics' which held sway between the 1940s and 1970s. Students then focus on the major developments in politics, economics and foreign policy between 1979 and 1990. Topics include the personal role of Margaret Thatcher, the value as historical documents of the political memoirs through which she and her ministers have presented their versions of events and the opposition to Thatcherism.

**Prerequisite:** 30 credit points of first-year history.

**Incompatible subject:** PO2BTR/PO3BTR prior to 1998.

**Class requirements:** two 1-hour lectures/films and one 1.5-hour seminar per week.

**Assessment:** one 2,000-word essay (40%), and one 3,000-word research essay (60%).

**Preliminary reading:**

Pugh, M. *Thatcher for beginners*, Penguin 1997.

**Prescribed reading:**

Evans, E. J. *Thatcher and Thatcherism*, Routledge 1997.

**HISTORY 2 COA: the cold war (20 CPs. Sem. I. Bu.)** H2COA Dr Stephen Niblo

Students study the origin and formulations of the Cold War in order to understand how wartime cooperation between the USA, the UK and the USSR turned into a rivalry of the super powers that became generalised around the world. The deepening of the Cold War in the various countries and the spread of Cold War orientations to countries other than the super powers will also be examined. We shall study the ways in which Cold War attitudes intermingled with traditional US objectives and frequently clashed with nationalist aspirations in many countries. In addition, the subject deals with the cultural manifestations of the Cold War as the super power rivalry influenced public debate, academic discourse and popular culture.

**Prerequisite:** 30 credit points of first year history.

**Incompatible subject:** H2CO/H3CO prior to 1997.

**Class requirements:** one 1-hour lecture and one 2-hour workshop.

**Assessment:** one 2,000-word essay (35%), one 3,000-word essay (55%), and workshop participation (10%).

**Recommended reading:**

Ambrose, S. E. *Rise to globalism: American foreign policy, 1938-1970*, Penguin 1971.

Belfrage, C. *The American inquisition, 1945-1960: a profile of the McCarthy era*, Thunders Mouth Press 1989.

Williams, W. A. *The tragedy of American diplomacy*, Delta Books 1968.

**HISTORY 2 COB: the cold war in Latin America (20 CPs. Sem. II. Bu.)** H2COB Dr Stephen Niblo  
Not available in 2000.

**HISTORY 2 FDA: food and drink through the ages (20 CPs. Sem. II. Bu.)** H2FDA Dr Diane Kirkby

From the religious feasts and food taboos of ancient civilisations, through the agricultural societies of medieval Christian Europe, to the present-day use of fast-food chains for family celebrations, food and drink have carried economic, political and symbolic value beyond simple nutrition. In this subject we explore the meaning of food and drink in these different cultures. We trace the connections between food, drink and empire, the historical significance of famine, the politics of pubs, taverns and their gendered drinking



cultures, and changes in women's work in food preparation. We see how specific foods have also had a history.  
**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 1,500-word class paper (30%), one 1-hour class test (30%), one 2,500-word essay (40%).

**Recommended reading :**

Ritchie, C. *Food in civilization: how history has been affected by human tastes*, Methuen 1981.

Kurlansky, M. *Cod: the story of the fish that changed the world*, Knopf 1997, Viking edition 1999.

Walvin, J. *Fruits of empire: exotic produce and British taste 1660-1800*, Macmillan 1997.

**HISTORY 2 FSHA: rite, drama and witchcraft in early modern France 1500 - 1750 (20 CPs. Sem. I. Bu.) H2FSHA Mr John Cashmere**

The focus for study is the variety of ways in which ordinary people in early modern France negotiated with, interpreted and represented each other in their social interactions. Students are encouraged to examine the concepts and categories which historians have used in writing on this period of French history. Emphasis is placed on the ritual dimensions of ordinary people's lives and the roles of gender and class in shaping and reflecting cultural performances. Under the broad theme of popular culture, students investigate carnival, charivaris, popular religious traditions, violence, magic, witchcraft, sorcery and demonic possession.

**Prerequisite:** 30 credit points of first-year history.

**Incompatible subject:** H2FSH/H3FSH.

**Class requirements:** one 1-hour lecture and one 2-hour workshop.

**Assessment:** one 2,000-word essay (40%), and one 3,000-word essay (60%).

**Preliminary reading:**

Davis, N.Z. *Society and culture in early modern France*, Stanford 1987.

**Prescribed reading:**

Weisner, M.E. *Women and gender in early modern Europe*, CUP 1993.

Briggs, R. *Witches and neighbours*, Harper Collins 1997.

**HISTORY 2 FSHB: social relationships in early modern France 1500 - 1750 (20 CPs. Sem. II. Bu.) H2FSHB Mr John Cashmere**  
 Not available in 2000.

**HISTORY 2 GAW: gender and war: Australian perspectives (20 CPs. Sem. II. Bu.) H2GAW Dr Katie Holmes**  
 Not available in 2000.

**HISTORY 2 GH: genocides and holocaust: Nazi Europe, Central America (Guatemala) and Africa (Rwanda) (20 CPs. Sem. II. Bu.) H2GH Dr Barry Carr**

In this subject, students examine the origins, course and consequences of the Nazi Holocaust in Germany and Poland, together with genocidal conflicts in Latin America (Guatemala 1965 to 1991) and Africa (Rwanda 1959 to 1997). Questions discussed include, In what ways was the Nazi Holocaust unique? Are genocides and holocausts different phenomena? How inevitable and predictable was the Nazi Holocaust? In what ways was the Holocaust a product of Christian anti-Semitism and/or German national history? In the Holocaust and genocides who were the victims and who were the perpetrators? Were perpetrators significantly different from "ordinary" citizens? How have the Nazi Holocaust and the genocide of Indian people in Guatemala been remembered in film, testimonies and in public monuments? The subject draws on case studies of concentration camp life, autobiographical and testimonial literature and pictorial and cinematic representations.

**Prerequisite:** 30 credit points of first-year History.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** ten reading control tests (20%), one 1,500-word bibliographical exercise (25%), one 3,000-word research essay (40%), workshop participation and attendance (15%).

**Preliminary reading:**

Browning, C. *Ordinary men*, Harper Perennial, 1993.

**Prescribed reading:**

Goldhagen, D. *Hitler's willing executioner*, Knopf 1996.

Manz, B. *Refugees of a hidden war: the aftermath of counterinsurgency in Guatemala*, State University of New York Press 1988.

Marrus, M. *The Holocaust in history*, Penguin 1987.

**HISTORY 2 GRA: gender relations in Australian society (20 CPs. Sem. II. Bu.) H2GRA Professor Marilyn Lake**

This subject may also be taken towards a Women's Studies major. In this subject, students examine the relationships, past and present,

between women and men in Australian society, noting the changes and continuities over the last two centuries. In particular, there is focus on the experience and status of women, beginning with a consideration of the position of Aboriginal women. We will look at the gender of national mythologies, the racial conception of the national state and the role of modernity, feminism, sexuality, consumerism and the labour market in the construction of femininity and masculinity. In surveying the history of gender relations in Australia, students will be encouraged to explore the diversity of women's experience as well as its commonalities and to apply the insights derived from recent feminist theory.

**Prerequisite:** 30 credit points of first-year history.

**Incompatible subject:** WS 2 GRA/3 GRA.

**Class requirements:** one 2-hour lecture/seminar and one 1-hour tutorial per week.

**Assessment:** one 2,500-word research essay (50%), one 2,500-word reflective essay (40%), and class presentation and participation (10%).

**Preliminary reading:**

Dixson, M. *The real Matilda*, Penguin 1975, reprint 1994.

Summers, A. *Damned whores and God's police*, Penguin 1975, reprint 1994.

Whitlock, G. and Carter, D. *Images of Australia*, UQP 1992.

**Prescribed reading:**

Grimshaw, P., Lake, M., McGrath, A. and Quartly, M. *Creating a nation*, Penguin/McPhee Gribble, reprint 1996.

Lake, M. and Holmes, K. (eds) *Freedom bound, II: documents on women in modern Australia*, Allen & Unwin 1995.

Pettman, J. *Living in the margins: racism and sexism and feminism in Australia*, Allen & Unwin 1992.

Saunders, K. and Evans R. *Gender relations in Australia. Domination and negotiation*, HBJ 1992.

**HISTORY 2 IR-1: Ireland under British rule - 1 (20 CPs. Sem. I. Bu.) H2IR1 Dr Philip Bull**

The subject introduces students to institutions, social and political movements and to major political developments in Ireland between 1798 and 1886. The primary focus is the incorporation of Ireland into the United Kingdom of Great Britain and Ireland. Topics studied include the abolition of the Irish Parliament, the campaign for Catholic emancipation, the Irish famine, the emergence and character of the various nationalist movements, the land tenure issue and land agitation, Parnell's party and the home rule issue and Gladstone's reform program for Ireland.

**Prerequisite:** 30 credit points of first-year history.

**Incompatible subject:** H2BI/H3BI and H2IR/H3IR.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 2,000-word essay and one 3-hour written examination. Each of these components will be marked out of 100%, and 60% of the final mark will be allocated from that in which the student does better and 40% from the other.

**Preliminary reading:**

Beckett, J. C. *A short history of Ireland*, Hutchinson University Library 1966.

Cullen, L. M. *The emergence of modern Ireland*, Batsford 1981.

MacDonagh, O. *States of mind: a study of Anglo-Irish conflict, 1780-1980*, Pimlico 1992.

O'Farrell, P. *England and Ireland since 1800*, OUP 1975.

Ranelagh, J. O'B. *A short history of Ireland*, CUP 1998.

**Prescribed reading:**

Mitchell, A. and O' Snodaigh, P. (eds) *Irish political documents, 1869-1916*, Irish Academic Press 1989.

**HISTORY 2 IR-2: Ireland under British rule - 2 (20 CPs. Sem. II. Bu.) H2IR2 Dr Philip Bull**

The primary focus of this subject is the developing revolt against British rule in Ireland, from the failure of Gladstone's Home Rule initiatives to the creation of the two modern states of Ireland. Topics studied include the fall of Parnell, British conservative attempts at reform in Ireland, the resolution of the land tenure issue, the Irish cultural, literary and linguistic renaissance, the developing Ulster resistance to Home Rule, the impact of the First World War on Irish politics, the Easter Rising and the Anglo-Irish War, the partition of Ireland and the Irish Civil War.

**Prerequisite:** H2IR1/H3IR1.

**Incompatible subject:** H2BI/H3BI and H2IR/H3IR.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 2,000-word essay (30%), and one 3,000-word essay (70%).

**Preliminary reading:**

Boyce, D. G. *Ireland, 1828-1923 From ascendancy to democracy*, OUP 1992.

Lyons, F. S. L. *Culture and anarchy in Ireland, 1890-1939*, OUP 1982.

Travers, P. *Settlements and divisions: Ireland 1870-1922*, Helicon 1988.

**Prescribed reading:**

Mitchell, A. and O'Snodaigh, P. (eds.) *Irish political documents, 1869-1916*, Irish Academic Press 1989.

Mitchell, A. and O'Snodaigh, P. (eds.) *Irish political documents, 1916-1949*, Irish Academic Press 1985.

**HISTORY 2 JFF: Jesus: fact or fiction (20 CPs. Sem. I. Bu.) H2JFF** Dr

Anne Gardner

Not available in 2000.

**HISTORY 2 LIR: late-imperial Russia, 1812-1917 (20 CPs. Sem. II. Bu.) H2LIR** Dr Adrian Jones

Not available in 2000.

**HISTORY 2 MHCA: medicine and health care through the ages (20 CPs. Sem. I. Bu.) H2MHCA** Dr David Dorward

In this subject students will examine how medical knowledge and the treatment of patients have varied between cultures over the ages. It aims to develop an understanding of both the history of modern Western medicine and the variety of practices and beliefs, Asian, African, Aboriginal, Amer-Indian, many of which are reflected in modern multicultural Australia. The subject will be structured around major themes: cross-cultural concepts of wellness, disease and causation, different ways of conceptualising the body and differences in the treatment of male and female. This subject should be of interest to Health Science, Psychology and Humanities students.

*Prerequisite:* 30 credit points of first-year history or 120 credit points of first-year Health Science subjects.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* two tutorial papers of 1,500 words each (30% each) tutorial performance (10%), and one 2-hour examination (30%).

**Preliminary reading:**

Porter, R. *The greatest benefit to mankind: a medical history of humanity from antiquity to the present*, Harper Collins 1997.

Gallagher, C. and Laqueur, T. *The making of the modern body: sexuality and society in the nineteenth century*, Calif UP 1987.

**HISTORY 2 MIR: muscovite and imperial Russia, 1380-1812 (20 CPs. Sem. I. Bu.) H2MIR** Dr Adrian Jones

Not available in 2000.

**HISTORY 2 MSS: modern sport and society (20 CPs. Sem. II. Bu.)**

**H2MSS** Dr William Murray

Not available in 2000.

**HISTORY 2 NGE: Nazi Germany and Europe (20 CPs. Sem. I. Bu.)**

**H2NGE** Dr William Murray

Students examine the rise to power of Adolf Hitler and the creation and destruction of the Third Reich. Hitler's outlook, roles and policies are the key theme of study, along with European attitudes and responses to his bellicose and racist dictatorship. Nazi ideas and policies are analysed in detail as they relate to the origins and course of the second world war. The Holocaust is not covered in any detail, as it is the focus of another subject, History 2/3 GH.

*Prerequisite:* 30 credit points of first year history.

*Class requirements:* one 1-hour lecture, one film viewing and one 1-hour tutorial per week.

*Assessment:* three assignments, comprising one of 1,000-words, one of 1,500-words and one of 2,000-words (75%), and one 50-minute test (15%).

**Preliminary reading:**

Any general history of the Third Reich.

**Recommended reading:**

Barta, A. *Nazi Germany: understanding the Third Reich*, La Trobe University School of History, 1995.

Grunberger, R. A. *A social history of Third Reich*, Penguin 1990.

Hitler, A. *Mein Kampf*, any edition.

**HISTORY 2 PAB: Portugal and the Portuguese Empire in Asia, Africa and Brazil, 1500 to 1800 (20 CPs. Sem. I. Bu.) H2PAB** Dr Anthony Disney

This is a study of the evolution of Portugal's overseas expansion, as both an official and an informal process. Students examine how the Portuguese became involved in Asia, Brazil, the Atlantic islands and Africa, through a mixture of trade, direct conquest and settlement during the early modern period. They also consider Portugal's continuing struggle to define its own identity, both cultural and political, within Europe and within the Iberian peninsula.

*Prerequisite:* 30 credit points of first-year history.

*Class requirements:* one 1-hour lecture and one 2-hour seminar per week.

*Assessment:* two 2,500-word essays (45% each) and seminar participation (10%).

**Recommended reading:**

Oliveira Marques, A. H. de *History of Portugal. I: from Lusitania to empire*, Columbia UP 1976.

Subrahmanyam, S. *The Portuguese empire in Asia 1500-1700*, Longman 1993.

Lockhart, J. and Schwartz, S. B. *Early Latin America. A history of colonial Spanish America and Brazil*, CUP 1983.

**HISTORY 2 PBE: Portugal and the beginnings of European**

**expansion (20 CPs. Sem. I. Bu.) H2PBE** Dr Anthony Disney

In this subject students investigate how Portugal and the Portuguese came into existence as a distinct nation and people on the western rim of the Iberian peninsula in the early Middle Ages, seemingly against the trend of earlier peninsular history. The major traditions that contributed to the Portuguese character, particularly eastern Mediterranean, Celtic, Roman and Islamic, are studied and their impacts evaluated. Students then consider how in late Medieval and early modern times this small and rather remote kingdom was able to become the pioneer of Europe's world-wide expansion, the forms that expansion took and how historiographical understanding of the phenomenon has developed in recent years.

*Prerequisite:* 30 credit points of first-year history.

*Class requirements:* one 1-hour lecture and one 2-hour seminar per week.

*Assessment:* two 2,500-word essays (45% each) and seminar participation (10%).

**Prescribed reading:**

Oliveira Marques, A. H. de *History of Portugal. volume I: from Lusitania to empire*, Columbia UP 1976.

**HISTORY 2 PSA: peasants and politics in Latin America (20 CPs.**

**Sem. I. Bu.) H2PSA** Dr Barry Carr

Why and how do peasants act politically? This subject will consider the many ways in which Latin American peasants and agricultural workers have intervened politically in the 20th century. First we examine how peasant societies function culturally and economically, paying particular attention to the ways in which peasant movements have been viewed by historians, sociologists, anthropologists and political scientists. We then examine the circumstances under which peasants act together, in social banditry, land occupations and unionisation and then discuss peasant responses to revolutionary movements and the limits on the scope of such activity imposed by the economic and socio-cultural settings in which peasants live. Case studies from Mexico, Chile, Bolivia and Peru are examined. The subject draws on novels, testimonial accounts and materials in which 'peasants speak'.

*Prerequisite:* 30 credit points of first-year history.

*Class requirements:* one 1-hour lecture and one 2-hour workshop.

*Assessment:* one 2,000-word essay (30%), one 3,000-word essay (50%), reading control test (10%), workshop participation and attendance (10%).

**Prescribed reading:**

Hobsbawm, E. *Bandits*, Penguin.

**HISTORY 2 PSB: peasants and revolution in Central America 1950 -**

**1998 (20 CPs. Sem. II. Bu.) H2PSB** Dr Barry Carr

Not available in 2000.

**HISTORY 2 PWA: liberalism and beyond: the United States, 1945-**

**2000 (20 CPs. Sem. II. Bu.) H2PWA** Professor John Salmond

In this subject, students examine a number of themes in the post-World War II history of the United States, including the break-up of the political coalition established by Franklin Roosevelt in the New Deal period, the drive by minorities for political and civil rights and the domestic repercussions of the onset of the Cold War. The programs of Presidents Kennedy and Johnson in the early 1960s, the effects of the Viet Nam War on American society, the Watergate crisis, the Reagan revolution, the meaning of the 'culture wars' and the significance of the end of the Cold War are also examined. Considerable use is made of films, both documentary and feature, throughout the subject.

*Prerequisite:* 30 credit points of first-year history.

*Incompatible subject:* H2PWU/H3PWU, H2PWS/H3PWS.

*Class requirements:* one 3-hour lecture/workshop/film per week and one 1-hour tutorial.

*Assessment:* tutorial exercises (10%), one 1,500-word historiographical essay (30%), and one 2,500-word major essay (60%).

**Prescribed reading:**

Chafe, W. *The unfinished journey: America since World War II*, 3rd edn, OUP 1995.

Hamby, A. *Liberalism and its challengers, FDR to Reagan*, OUP 1992.

**HISTORY 2 REV-1: processes of European revolutions (20 CPs. Sem. I. Bu.) H2REV1 Dr Adrian Jones**

Students compare the ways the French and Russian revolutions unravelled after 1789, February 1917 and 1989. Do revolutions exhibit the same processes? Students analyse political events and revolutionary ideologies in France to July 1794, in the Russian Soviet republic to March 1921, and in the USSR to December 1991. By contrasting patterns of revolutionary radicalism, instability and 'Thermidorian' eclipse, students assess theories of revolution. The revolutions are analysed in tandem rather than separately and sequentially.

*Prerequisite:* 30 credit points from any combination of first-year history, politics, sociology or European studies subjects.

*Incompatible subject:* H1ER.

*Class requirements:* two 1-hour lectures and one 1.5-hour tutorial per week.

*Assessment:* one 1-hour test (10%), one 2,000-word research essay (40%), one 2-hour comparative 'seen' exam (40%), and tutorial attendance and preparation (10%).

**Preliminary reading:**

Brinton C. *The anatomy of revolutions*, (1938) revised edn. Vintage 1965.

Geyer, D. *The Russian revolution: historical problems and perspectives*, Berg 1987.

Galeotti, M. *Gorbachev and his revolution*, Macmillan 1997.

**Recommended reading:**

Brown, A. *The Gorbachev factor*, Oxford 1996.

Gorbachev, M. S. *Memoirs*, Doubleday 1995.

*Critical dictionary of the French Revolution*, Harvard 1989.

*Critical companion to the Russian Revolution, 1914-1921*, Indiana 1997.

**HISTORY 2 REV-2: causes of European revolutions (20 CPs. Sem. II. Bu.) H2REV2 Dr Adrian Jones**

Students compare the collapse of the old regimes preceding the French and Russian revolutions of 1789, 1917 and 1989. Do revolutions exhibit the same causes? A variety of concepts and metaphors which may assist us to understand social revolutions are explored, including biological, Marxist, structural, ideological and anthropological perspectives. Studies of the decline and fall of the Bourbon, Romanov and Communist old regimes are used to develop comparative explanations of their collapse. The revolutions are analysed in tandem rather than separately and sequentially.

*Prerequisite:* 40 credit points from any combination of first-year history, politics, sociology or European studies subjects.

*Incompatible subject:* H1ER.

*Class requirements:* two 1-hour lectures and one 1.5-hour tutorial per week.

*Assessment:* one 1-hour test (10%), one 2,000-word research essays (40% each), one 2-hour comparative 'seen' exam (40%), and tutorial attendance and participation (10%).

**Preliminary reading:**

Brinton, C. *The anatomy of revolutions*, (1938) revised edn. Vintage 1965.

Miller, J. *Mikhail Gorbachev and the end of Soviet power*, Macmillan-St Martins 1993.

**Recommended reading:**

Brown, A. *The Gorbachev factor*, Oxford 1996.

Gorbachev, M. S. *Memoirs*, Doubleday 1995.

Skocpol, T. *States and social revolutions*, Cambridge 1981.

**HISTORY 2 RO: the Russian and Ottoman experience (20 CPs. Sem. I. Bu.) H2RO Dr Adrian Jones**

Not available in 2000.

**HISTORY 2 RTM: representing Tudor monarchy: England 1485-1603 (20 CPs. Sem. I. Bu.) H2RTM Ms Judith Richards**

Not available in 2000.

**HISTORY 2 SA: South African history (20 CPs. Sem. II. Bu.) H2SA Dr David Dorward**

Not available in 2000.

**HISTORY 2 TCA: welfare in 20th century Australia (20 CPs. Sem. II. Bu.) H2TCA Dr Diane Kirkby**

Not available in 2000.

This subject may also be taken towards a Women's Studies major.

**HISTORY 2 UAA: slavery and sectionalism in the United States (20 CPs. Sem. I. Bu.) H2UAA Mr Warren Ellem**

Not available in 2000.

**HISTORY 2 UAB: civil war and reconstruction in the United States of America (20 CPs. Sem. II. Bu.) H2UAB Mr Warren Ellem**

In this subject, students examine the American Civil War and Reconstruction periods. Attention is given to the coming of the war, particularly the role of slavery in the political and sectional disputes between the North and the South which culminated in the secession of the Deep South from the Union and in civil war; to the war itself; and to the attempts after the abolition of slavery to secure civil and political rights for blacks.

*Prerequisite:* 30 credit points of first-year history or enrolment in a North American studies or peace studies sequence, or major.

*Class requirements:* one 2-hour lecture and film and one 1.5-hour tutorial per week.

*Assessment:* one 1,000-word document exercise (15%), one 2,000-word essay (40%), one 2-hour final examination (35%), and tutorial work (10%).

**Prescribed reading:**

McPherson, J. M. *Battle cry of freedom: the Civil War era*, Ballantine 1988.

Foner, E. *Reconstruction: America's unfinished revolution 1863-1877*, Perennial 1989.

**HISTORY 2 UBA: the United States and World War II (20 CPs. Sem. I. Bu.) H2UBA Dr William J. Breen**

Recent films, such as *Saving Private Ryan*, contemporary court cases involving victims of the Holocaust, and the emergence of the European Union, all reflect the continuing influence of World War II. In that conflict, the United States played a central role in the defeat of Fascist tyranny in Europe and Japanese imperialism in Asia and the Pacific. In this subject, students will explore the major diplomatic, strategic, and military issues of the war. They will also examine the effect of the war on American society, particularly on the lives of women, African-Americans, and Japanese-Americans. The role of Hollywood and the effect of the war on American culture will also be addressed.

*Prerequisite:* 30 credit points of first-year history.

*Incompatible subject:* H2UBB/3UBB.

*Class requirements:* one 1-hour lecture, one 2-hour lecture/film and one 1-hour tutorial per week.

*Assessment:* one 1,000-word book review (20%), one 2,000-word essay (40%), and one 2-hour examination (40%).

**Prescribed reading:**

O'Neill, W. A. *A democracy at war: America's fight at home and abroad in World War II*, Free Press 1993.

**HISTORY 2 W: the world since 1945 (20 CPs. Sem. II. Bu.) H2W Dr Stephen Niblo**

In this subject, students will study the political, cultural and economic forces that have shaped much of the world since the great Depression of the 1930s and World War II. Although it is primarily focused upon the Western nations, it also covers major changes in the third world, especially as they interact with the major Western nations. Special emphasis is paid to the lessons decision makers thought they learned from World War II, the long boom after the war, the revolt of the third world, the crisis of the early 1970s and the decline of the welfare state in recent decades. Finally, some aspects of the globalisation of recent decades are highlighted.

*Prerequisite:* 30 credit points of first-year history.

*Incompatible subject:* H1W.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week.

*Assessment:* one 2,000-word essay (40%), one 3,000-word essay (50%), and workshop work (10%).

**Prescribed reading:**

Vadney, T. E. *The world since 1945*, Penguin 1987.

Williams, W. *The world since 1945*, Lynne Rienner 1990.

Brett, W. E. *The world economy since the war*, Macmillan 1985.

Farmer, D. *The sixties: from memory to history*, U of North Carolina Press 1994.

**HISTORY 2 WINA: what's in the news: contemporary Africa (20 CPs. Sem. I. Bu.) H2WINA Dr David Dorward**

Not available in 2000.

**HISTORY 3 AA: ancient Africa (20 CPs. Sem. I. Bu.) H3AA Dr David Dorward**

See History 2 AA for full subject description.

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 AAS: Aboriginal Australians and the state (20 CPs. Sem. II. Bu.) H3AAS Dr Richard Broome**

*See History 2 AAS for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 AC: ancient China, society and ideas (20 CPs. Sem. I. Bu.) H3AC Dr Paul Rule**

*See History 2 AC for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 AGR: antiquity, gender and religion (20 CPs. Sem. II. Bu.) H3AGR Dr Anne Gardner**

*Not available in 2000.*

**HISTORY 3 AIA: ancient Israel Part A (20 CPs. Sem. I. Bu.) H3AIA Dr Anne Gardner**

*See History 2 AIA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 AMTC: Australia, colony to nation 1870-1920 (20 CPs. Sem. I. Bu.) H3AMTC Dr Diane Kirkby**

*See History 2 AMTC for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 AR: Aboriginal religion (20 CPs. Sem. I. Bu.) H3AR Dr Paul Rule**

*See History 2 AR for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 ASA: Aborigines and Europeans in south-east Australia (20 CPs. Sem. I. Bu.) H3ASA Dr Richard Broome**

*See History 2 ASA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 BLI: kings and commoners: Britain (1800-1870) (20 CPs. Sem. II. Bu.) H3BLI Mr Alex Tyrrell**

*See History 2 BLI for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 BLN: Britain in the late 19th century: class, race and gender (20 CPs. Sem. II. Bu.) H3BLN Dr Jim Hammerton**

*Not available in 2000.*

**HISTORY 3 BTR: Britain in the 1980s: the Thatcher revolution (20 CPs. Sem. I. Bu.) H3BTR Mr Alex Tyrrell**

*See History 2 BTR for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 COA: the cold war (20 CPs. Sem. I. Bu.) H3COA Dr Stephen Niblo**

*See History 2 COA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 COB: the cold war in Latin America (20 CPs. Sem. II. Bu.) H3COB Dr Stephen Niblo**

*Not available in 2000.*

**HISTORY 3 FDA: food and drink through the ages (20 CPs. Sem. II. Bu.) H3FDA Dr Diane Kirkby**

*See History 2 FDA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 FSHA: rite, drama and witchcraft in early modern France 1500 - 1750 (20 CPs. Sem. I. Bu.) H3FSHA Mr John Cashmere**

*See History 2 FSHA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 FSHB: social relationships in early modern France 1500 - 1750 (20 CPs. Sem. II. Bu.) H3FSHB Mr John Cashmere**

*Not available in 2000.*

**HISTORY 3 GAW: gender and war: Australian perspectives (20 CPs. Sem. II. Bu.) H3GAW Dr Katie Holmes**

*Not available in 2000.*

**HISTORY 3 GH: genocides and holocaust: Nazi Europe, Central America (Guatemala) and Africa (Rwanda) (20 CPs. Sem. II. Bu.) H3GH Dr Barry Carr**

*See History 2 GH for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 GRA: gender relations in Australian society (20 CPs. Sem. II. Bu.) H3GRA Professor Marilyn Lake**

*See History 2 GRA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 IR-1: Ireland under British rule - 1 (20 CPs. Sem. I. Bu.) H3IR1 Dr Philip Bull**

*See History 2 IR-1 for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 IR-2: Ireland under British rule - 2 (20 CPs. Sem. II. Bu.) H3IR2 Dr Philip Bull**

*See History 2 IR-2 for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 JFF: Jesus: fact or fiction (20 CPs. Sem. I. Bu.) H3JFF Dr Anne Gardner**

*Not available in 2000.*

**HISTORY 3 LIR: late-imperial Russia, 1812-1917 (20 CPs. Sem. II. Bu.) H3LIR Dr Adrian Jones**

*Not available in 2000.*

**HISTORY 3 MHCA: medicine and health care through the ages (20 CPs. Sem. I. Bu.) H3MHCA Dr David Dorward**

*See History 2 MHCA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 MIR: muscovite and imperial Russia, 1380-1812 (20 CPs. Sem. I. Bu.) H3MIR Dr Adrian Jones**

*Not available in 2000.*

**HISTORY 3 MSS: modern sport and society (20 CPs. Sem. II. Bu.) H3MSS Dr William Murray**

*Not available in 2000.*

**HISTORY 3 NGE: Nazi Germany and Europe (20 CPs. Sem. I. Bu.) H3NGE Dr William Murray**

*See History 2 NGE for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 PAB: Portugal and the Portuguese Empire in Asia, Africa and Brazil, 1500 to 1800 (20 CPs. Sem. I. Bu.) H3PAB Dr Anthony Disney**

*See History 2 PAB for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 PBE: Portugal and the beginnings of European expansion (20 CPs. Sem. I. Bu.) H3PBE Dr Anthony Disney**

*See History 2 PBE for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 PSA: peasants and politics in Latin America (20 CPs. Sem. I. Bu.) H3PSA Dr Barry Carr**

*See History 2 PSA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 PWA: liberalism and beyond: the United States, 1945-1998 (20 CPs. Sem. II. Bu.) H3PWA Professor John Salmond**  
*See History 2 PWA for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 RCA: individual readings (20 CPs. Sem. I. Bu.) H3RCA**  
Individual reading subjects may occasionally be organised by arrangement with an appropriate member of staff and subject to approval of the Head of School (or, in the case of an area of study, the chairperson of the area) Approval is normally given to students in the third year of their course for a study program which follows up some aspect of a subject already studied, with a member of staff prepared to support the proposed reading subject and to supervise and assess the work done in it. After consultation with the appropriate member of staff, students wishing to take this option should submit details of their proposed program, including a bibliography and details of assessment, to the appropriate person.

**HISTORY 3 RCB: individual readings (20 CPs. Sem. II. Bu.) H3RCB**  
*See History 3 RCA above.*

**HISTORY 3 REV-1: the processes of European revolutions (20 CPs. Sem. I. Bu.) H3REV1 Dr Adrian Jones**  
*See History 2 REV-1 for full subject description.*  
*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 REV-2: causes of European revolutions (20 CPs. Sem. II. Bu.) H3REV2 Dr Adrian Jones**  
*See History 2 REV-2 for full subject description.*  
*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 RHA: reflective history (20 CPs. Sem. I. Bu.) H3RHA**  
*See History 3 RHB below.*

**HISTORY 3 RHB: reflective history (20 CPs. Sem. II. Bu.) H3RHB Mr Warren Ellem**  
Students selected as honours candidates are required to take 20 credit points in reflective history. Should such students not proceed to fourth year, this subject still counts towards the pass degree. Students can enrol in History 3 RHA and 3 RHB. Further details are available from the honours coordinator.  
*Prerequisite:* Honours coordinator's approval.

**HISTORY 3 RO: the Russian and Ottoman experience (20 CPs. Sem. I. Bu.) H3RO Dr Adrian Jones**  
*Not available in 2000.*

**HISTORY 3 RTM: representing Tudor monarchy: England 1485-1603 (20 CPs. Sem. I. Bu.) H3RTM Ms Judith Richards**  
*Not available in 2000.*

**HISTORY 3 SA: South African history (20 CPs. Sem. II. Bu.) H3SA Dr David Dorward**  
*Not available in 2000.*

**HISTORY 3 TCA: welfare in 20th century Australia (20 CPs. Sem. II. Bu.) H3TCA Dr Diane Kirkby**  
*This subject may also be taken towards a Women's Studies major.*  
*Not available in 2000.*

**HISTORY 3 UAA: slavery and sectionalism in the United States (20 CPs. Sem. I. Bu.) H3UAA Mr Warren Ellem.**  
*Not available in 2000.*

**HISTORY 3 UAB: civil war and reconstruction in the United States of America (20 CPs. Sem. II. Bu.) H3UAB Mr Warren Ellem**  
*See History 2 UAB for full subject description.*  
*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 UBA: the United States and World War II (20 CPs. Sem. I. Bu.) H3UBA Dr William Breen**  
*See History 2 UBA for full subject description.*  
*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 W: the world since 1945 (20 CPs. Sem. II. Bu.) H3W Dr Stephen Niblo**  
*See History 2 W for full subject description.*

*Assessment:* third year students will be expected to show a greater achievement of discipline-specific skills in their written work than second year students.

**HISTORY 3 WINA: what's in the news: contemporary Africa (20 CPs. Sem. I. Bu.) H3WINA Dr David Dorward.**  
*Not available in 2000.*

**History and Philosophy of Science Mr John Fox (Philosophy)**  
Science is a part of human activity and one that is of fundamental importance. The area of study known as history and philosophy of science is concerned with the historical development of various scientific theories and with various fundamental questions which this history uncovers. These questions concern science's aims, its methodology and the nature of various of its features, such as laws, explanations and the theoretical entities it postulates. Part of the essence of science is its dynamics and the way it progresses and develops. The most obvious, if not the only, way to investigate this essential feature of science is through its history so, in the core subjects, there is an interplay between the historical and philosophical aspects of the topics which are discussed.

#### Programs of study

Students who wish to qualify for a degree by taking a major in the history and philosophy of science area of study must complete at least 150 credit points in the area, at least 80 credit points of which are taken at third-year level. The subjects taken towards the major must include at least two of the following.

Philosophy 1 AP: astronomy and philosophy  
Philosophy 1 BP: biology and philosophy  
Philosophy 2 HPSR/3 HPSR: revolution in science  
Philosophy 2 IPS/3 IPS: introduction to the philosophy of science  
Philosophy 2 SB/3 SB: recent philosophy of science  
Philosophy 2 SC-1/3 SC-1: philosophy of science and psychology 1  
Philosophy 2 SC-2/3 SC-2: philosophy of science and psychology 2

#### Important notice

Students may choose from the list of subjects below. Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

#### First year subjects

15 credit points

Philosophy 1 AP: astronomy and philosophy  
Philosophy 1 BP: biology and philosophy

#### Second year subjects

20 credit points

Philosophy 2 HPSA: history and philosophy of science A  
Philosophy 2 HPSB: history and philosophy of science B

*(these subjects only available to non-BA students who have not passed either P1HPSA or P1AP, and P1BP).*

#### Second or third year subjects

20 credit points

Archaeology 2 HPS/3 HPS: history, philosophy and sociology of archaeology  
Philosophy 2 FR/3 FR: Freud  
Philosophy 2 HPSR/3 HPSR: revolution in science  
Philosophy 2 IPS/3 IPS: introduction to the philosophy of science  
Philosophy 2 SB/3 SB: recent philosophy of science  
Philosophy 2 SC-1/3 SC-1: philosophy of science and psychology 1  
Philosophy 2 SC-2/3 SC-2: philosophy of science and psychology 2

Approved complementary subjects from the Department of History and Philosophy of Science at The University of Melbourne may be taken at second or third-year levels.

#### Honours

By agreement between the Departments of Philosophy at Melbourne and Monash Universities, the School of Philosophy at La Trobe University, the Department of History and Philosophy of Science at The University of Melbourne, the Unit of Social Studies of Science at Deakin University and Philosophy and Social Inquiry at the Swinburne University of Technology, a centre called the Victorian Centre for the History and Philosophy of Science has been established at La Trobe University. As part of this agreement, students undertaking honours or postgraduate studies in this area may enrol in subjects at any of these institutions in part fulfilment of the requirements for their degrees. Details of the subjects available at other institutions at honours and postgraduate levels in history and philosophy of science are available from the Chairperson of the History and Philosophy of Science area of study.

#### Course structure

The honours course consists of three full-year subjects in history and philosophy of science, each counting for 20% in the overall assessment and a research project or thesis of 8,000 to 10,000-words on an



approved topic, counting for 40%. Suitably qualified students may take the theoretical seminar component of Psychology 4 as their research project.

The subjects to be completed must be chosen from those offered as fourth year components in the history and philosophy of science area of study, or their approved equivalents from other institutions of higher learning participating in the Victorian Centre for the History and Philosophy of Science. See the honours coordinator for details of subjects available at other institutions.

To be admitted to the fourth, or honours year, in history and philosophy of science, students are normally required to have majored in history and philosophy of science, to have obtained at least a B-grade average in the subjects of their major and to have satisfied the prerequisites for at least three of the honours components.

The subjects approved for the honours course which are available at La Trobe University are the components Philosophy 4 A, 4 B, 4 C, 4 D and 4J of Philosophy 4 but other fourth year subjects in other disciplines may be substituted for any of these, subject to the approval of the coordinator and the chairperson of the discipline concerned.

Students wishing to take fourth year level components in the history, philosophy or sociology of science at other institutions associated with the Victorian Centre for the History and Philosophy of Science should consult the coordinator.

### GRADUATE DIPLOMA IN HISTORY AND PHILOSOPHY OF SCIENCE

A Graduate Diploma in History and Philosophy of Science is offered by the Faculty. See the Postgraduate volume of the Handbook.

#### Indonesian/Malay Mr Harry Aveling (Asian Studies)

The study of Indonesian/Malay has two major objectives. One is to equip students with appropriate knowledge and skills to communicate effectively in standard Indonesian/Malay, and to be able to read critically a wide range of sources in these languages. The other is to develop through language study a sympathetic understanding of the complex and diverse cultures of the Malay world: Indonesia, Malaysia, Brunei and Singapore.

#### In-country study

Students have the opportunity to develop practical language skills and to study, through formal classes and fieldwork, the life, culture and institutions of a South East Asian country where Indonesian/Malay is used in everyday life. This work is normally undertaken within the framework of a course in 'Indonesian for Foreign Speakers', provided by one of the major Indonesian universities. Completion of a four week course will be credited as 20 credit points, while completion of a six week course will be credited as 40 credit points. Students are responsible for their own expenses. Students may take a maximum of 80 credit points of in-country studies subjects towards their degree.

#### Programs of study

To qualify for a degree with a major in Indonesian/Malay, a student must normally complete Indonesian/Malay 1, 2 and 3, as well as 40 credit points at third year level from the subjects below. Students are advised to note the prerequisites for the linguistics, politics and sociology subjects which may be included in the major. Students wishing to qualify as language teachers in schools are required to enrol in three language units in their chosen language in first year, totalling 45 credit points. This is in order to meet the requirement that students who wish to qualify as LOTE teachers in schools must complete 120 credit points post-VCE in their chosen language.

#### First year subjects

##### Core language subjects 15 credit points

##### Sem.

- 1 Indonesian/Malay 1 A-1: intermediate Indonesian 1
- 1 Indonesian/Malay 1 B-1: beginning Indonesian 1
- 2 Indonesian/Malay 1 A-2: intermediate Indonesian 2
- 2 Indonesian/Malay 1 A-3: intermediate Indonesian 3
- 2 Indonesian/Malay 1 B-2: beginning Indonesian 2
- 2 Indonesian/Malay 1 B-3: beginning Indonesian 3

##### Second year subjects 20 credit points

- 1 Indonesian/Malay 2 A-1: intermediate Indonesian 3
- 1 Indonesian/Malay 2 B-1: intermediate Indonesian 1
- 1 Indonesian/Malay 2 ICA: in-country studies A
- 1 Indonesian/Malay 2 RCA: reading course A
- 2 Indonesian/Malay 2 A-2: intermediate Indonesian 4
- 2 Indonesian/Malay 2 B-2: intermediate Indonesian 2
- 2 Indonesian/Malay 2 ICB: in-country studies B
- 2 Indonesian/Malay 2 RCB: reading course B

#### Summer Sem.

Indonesian/Malay 2 ICC: in-country studies C

Indonesian/Malay 2 RCC: reading course C

#### Third year subjects

20 credit points

- 1 Indonesian/Malay 3 A-1: advanced Indonesian 1
- 1 Indonesian/Malay 3 B-1: intermediate Indonesian 3
- 1 Indonesian/Malay 3 ICD: in-country studies D
- 1 Indonesian/Malay 3 MIL: modern Indonesian literature
- 1 Indonesian/Malay 3 RCD: reading course D
- 2 Indonesian/Malay 3 A-2: advanced Indonesian 2
- 2 Indonesian/Malay 3 B-2: intermediate Indonesian 4
- 2 Indonesian/Malay 3 ICE: in-country studies E
- 2 Indonesian/Malay 3 RCE: reading course E

#### Summer Sem.

Indonesian/Malay 3 ICF: in-country studies F

Indonesian/Malay 3 RCF: reading course F

#### Optional subjects

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

#### Second or third year subjects

15 credit points

- 1 Indonesian/Malay 2 CIV/3 CIV: Indonesian civilisation

20 credit points

- 1 Anthropology 2 TD/3 TD: development, culture and society
- 1 Linguistics 2 CC/3 CC: cross cultural communication
- 1 Linguistics 2 LCI/3 LCI: language and culture in Indonesia and the Pacific<sup>1</sup>
- 1 Politics 2 SEA/3 SEA: boom and bust in South East Asia
- 2 Asian Studies 2 LEAT/3 LEAT: love and eroticism in Asian literature
- 2 Linguistics 2 LCM/3 LCM: language and culture maintenance<sup>1</sup>
- 2 Linguistics 2 LSA/3 LSA: language in society Asia

**Key:** <sup>1</sup>Not available in 2000.

#### Honours

Students wishing to enter the fourth-year honours program in Indonesian/Malay should have a consistently high level of performance in Indonesian/Malay at the second and third year levels (normally at a level of B or above) and have satisfied requirements for the BA pass degree. Indonesian/Malay 4 comprises a combination of course-work (50%), and a minor thesis (50%).

#### Coursework

Students must normally take the 20 credit point subject, Asian Studies 4 TM, together with 40 credit points of course-work at honours-level with relevant Indonesian/Malay content. The Indonesian/Malay course-work consists of two semester subjects or approved equivalents, normally Indonesian/Malay 4 PAP. With the approval of the coordinator, other subjects may be taken from the Indonesian/Malay-related subjects in humanities and social sciences for which the students have the necessary prerequisites. It may be possible to study a second Indonesian language, such as Javanese, Sundanese or Buginese at another tertiary institution. Advanced students or native speakers may be required to take alternative subjects. Students may undertake some course-work components in Indonesia, Malaysia, Singapore or Brunei in the form of Indonesian/Malay 4 SEA. They will be required to return to the University by the beginning of the second semester to prepare and submit their minor thesis.

#### Thesis

Students must prepare, under supervision, a minor thesis of 10,000 to 12,000-words. The topic must be agreed upon by the student and the supervisor (s) at the beginning of the course and normally be written in English.

#### Fourth year subjects

20 credit points

##### Sem.

- 1 Asian Studies 4 TM: theory and method
- 1 Indonesian/Malay 4 RCA: reading course
- 1 Indonesian/Malay 4 SEA: life and culture in South East Asia
- 2 Indonesian/Malay 4 CML: classical Malay literature
- 2 Indonesian/Malay 4 RCB: reading course

40 credit points

Indonesian/Malay 4 PAP: Indonesian/Malay for academic purposes

#### Subject descriptions

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

#### Prescribed reading:

All students beyond IM1B1 should acquire the following texts.



Echols, J. M. and Shadily, H. *An Indonesian-English dictionary*, Gramedia 1989.

Echols, J. M. and Shadily, H. *Kamus Inggris-Indonesia*, Gramedia 1989.

Mintz, M. *A student's grammar of Malay and Indonesian*, EPB Publishers, Singapore 1994.

**INDONESIAN/MALAY 1 A-1: intermediate Indonesian 1 (15 CPs.**

*Sem. I. Bu.) IM1A1 Mr Harry Aveling*

Students consolidate basic skills acquired in VCE Indonesian. An emphasis will be placed on conversational skills and on the study of literary text and other materials with the assistance of the dictionary. Students will write narrative and descriptive essays.

*Prerequisite:* VCE Indonesian or equivalent.

*Class requirements:* two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week.

*Incompatible subject:* IM1A and IM2B offered prior to 1997.

*Assessment:* four class assignments (40%), one oral test (20%), one 1-hour written test (30%), attendance and class participation (10%).

**Prescribed reading:**

Aveling, H. and Sujatna, D. *Cermin: Indonesian short stories*, Paradigm Press, 1995.

**INDONESIAN/MALAY 1 A-2: intermediate Indonesian 2 (15 CPs.**

*Sem. II. Bu.) IM1A2 Mr Harry Aveling*

Students continue to consolidate skills acquired in VCE Indonesian. An emphasis is placed on conversational skills and on the study of literary text and other materials with the assistance of the dictionary. Students will write more complex narrative and descriptive essays.

*Prerequisite:* IM1A1.

*Class requirements:* two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week.

*Incompatible subject:* IM1A or IM2B offered prior to 1997.

*Assessment:* four class assignments (40%), one oral test (20%), one 1-hour written test (30%), attendance and class participation (10%).

**INDONESIAN/MALAY 1 A-3: intermediate Indonesian 3 (15 CPs.**

*Sem. II. Bu.) IM1A3 Mr Harry Aveling*

This subject is designed as an additional subject for students intending to major in Indonesian and as a compulsory subject for students in the Bachelor of Asian Studies. It requires students to undertake extended practice in written and spoken Indonesian, with an emphasis on the understanding of material relating to the diverse cultures which constitute the modern nation of Indonesia. Students will read about six regional cultures, write short prose compositions on them, and discuss what they have written.

*Co-requisite:* IM1A2.

*Class requirements:* one 1-hour lecture and two 1-hour tutorials per week.

*Assessment:* five 250-word class assignments (45%), one 15-minute oral test (15%), one 2-hour written test (40%).

**Preliminary reading:**

Echols, J. M. and Shadily, H. *An Indonesian-English dictionary*, Gramedia 1989.

Echols, J. M. and Shadily, H. *Kamus Inggris-Indonesia*, Gramedia 1989.

Mintz, M. *A student's grammar of Malay and Indonesian*, EPB Publishers 1994.

**Prescribed reading:**

Mintz, M. *Readings in Indonesian Culture*, EPB Publishers 1994.

**INDONESIAN/MALAY 1 B-1: beginning Indonesian 1 (15 CPs. Sem. I.**

*Bu., Aw.) IM1B1/WIM1B1 Mr Harry Aveling*

This is an introduction to contemporary Indonesian. The basic skills developed include speaking, reading, writing and translating from Indonesian/Malay into English. By the end of the course students will have a basic knowledge of simple sentence patterns and be able to use the language in simple social interaction.

*Class requirements:* Bu: two 1-hour lectures, two 1-hour tutorials and one 1-hour directed study per week. Aw: one 3-hour and one 1-hour lecture/tutorial per week.

*Incompatible subject:* IM1B offered prior to 1997.

*Assessment:* class assignments (40%), one oral test (20%), one 1-hour written test (30%), attendance and class participation (10%).

**Prescribed reading:**

White I. *Bahasa Tetanggaku, Book 1* (Course book and Workbook) Longman Cheshire, latest edn.

**INDONESIAN/MALAY 1 B-2: beginning Indonesian 2 (15 CPs. Sem.**

*II. Bu., Aw.) IM1B2/WIM1B2 Mr Harry Aveling*

Further instruction in basic Indonesian, with a continuing emphasis on speaking, reading and writing skills. The subject provides the foundation for further studies in Indonesian. Students complete a basic introduction to Indonesian grammar and extend their use of the language to a variety of informal social contexts.

*Class requirements:* Bu: two 1-hour lectures, two 1-hour tutorials and one 1-hour directed study per week. Aw: one 3-hour and one 1-hour lecture/tutorial per week.

*Prerequisite:* IM1B1.

*Incompatible subject:* IM1B offered prior to 1997.

*Assessment:* class assignments (40%), one oral test (20%), one 1-hour written test (30%), attendance and class participation (10%).

**INDONESIAN/MALAY 1 B-3: beginning Indonesian 3 (15 CPs. Sem.**

*II. Bu.) IM1B3 Mr Harry Aveling*

This is an additional subject for students seeking extra complementary work in Indonesian and builds upon work currently being undertaken in IM1B2. Students will complete an introduction to the active use of Indonesian language. They will complement work undertaken in IM1B2 by extended practice in the use of me-verb constructions and object-focus sentences. Students will learn to discuss and write about the following social contexts: home, restaurants, at the doctor, at the market place, and celebrating western and Indonesian holidays.

*Co-requisite:* IM1B2.

*Class requirements:* one 1-hour lecture and two 1-hour tutorials per week.

*Assessment:* five 250-word class assignments (45%), two 5-minute oral tests (15%), two 1-hour written tests (40%).

**Preliminary reading:**

Echols, J. M. and Shadily, H. *An Indonesian-English dictionary*, Gramedia 1989.

Echols, J. M. and Shadily, H. *Kamus Inggris-Indonesia*, Gramedia 1989.

Mintz, M. *A student's grammar of Malay and Indonesian*, EPB Publishers 1994.

**Prescribed reading:**

Arnost, V. and Kusumastuty, N. *Lancar Berbahasa Indonesia, Volume 1*, Dallasta, Melbourne 1997.

**INDONESIAN/MALAY 2 A-1: intermediate Indonesian 3 (20 CPs.**

*Sem. I. Bu.) IM2A1 Mr Harry Aveling*

This course enables students to read a range of informative contemporary texts in Indonesian, including newspapers and news-magazines. They also develop various approaches for discussing these texts and learn to write essays on Indonesian politics and society.

*Prerequisite:* IM1A2 or equivalent.

*Incompatible subject:* IM2A and IM3B offered prior to 1997.

*Class requirements:* two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week.

*Assessment:* class assignments (40%), oral tests (20%), written tests (30%), attendance and class participation (10%).

**Prescribed reading:**

Mintz, M. *Readings in Indonesian culture*, EPB Publishers, Singapore 1994.

**INDONESIAN/MALAY 2 A-2: intermediate Indonesian 4 (20 CPs.**

*Sem. II. Bu.) IM2A2 Mr Harry Aveling*

Continued study of the use of Indonesian in contemporary news media (newspapers, magazines, as well as film, television and radio). Students write analytical essays on the material read or viewed, present their writing in class and discuss it with other students.

*Prerequisite:* IM2A1.

*Incompatible subject:* IM2A and IM3B offered prior to 1997.

*Class requirements:* two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week.

*Assessment:* class assignments (40%), oral tests (20%), written tests (30%), attendance and class participation (10%).

**INDONESIAN/MALAY 2 B-1: intermediate Indonesian 1 (20 CPs.**

*Sem. I. Bu., Aw.) IM2B1/WIM2B1 Mr Harry Aveling*

The course consolidates the basic skills in Indonesian acquired in Beginning Indonesian 1 and 2. Emphasis is placed on conversational skills and on the study of simple text and other materials with the assistance of a dictionary. Students begin to write narrative and descriptive essays.

*Prerequisite:* IM1B2.

*Incompatible subject:* IM1A and IM2B offered prior to 1997.

*Class requirements:* Bu: two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week. Aw: one 4-hour lecture/tutorial.

*Assessment:* Bu: four class assignments (40%), one oral test (20%), one 1-hour written test (30%), attendance and class participation (10%). Aw: four class assignments (60%), one 1-hour written test (15%), and one 2-hour final examination (25%).

**Prescribed reading:**

Sutanto, A. *Colloquial Indonesian*, Routledge, London 1994.

**INDONESIAN/MALAY 2 B-2: intermediate Indonesian 2 (20 CPs. Sem. II. Bu., Aw.) IM2B2/WIM2B2 Mr Harry Aveling**

Students learn to hold conversations in Indonesian about a variety of topics, including daily life and current issues in Indonesian culture and society. They read magazine and newspaper articles and other appropriate materials, with the help of a dictionary. They also learn a range of techniques for writing longer narrative essays and informal letters.

**Prerequisite:** Bu: IM2B1 or IM1A1. Aw: IM2B1.

**Incompatible subject:** IM1A and IM2B offered prior to 1997.

**Class requirements:** Bu: two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week. Aw: one 4-hour lecture/tutorial per week.

**Assessment:** Bu: four class assignments (40%), one oral test (20%), one 1-hour written test (30%), attendance and class participation (10%). Aw: four class assignments (60%), one 1-hour written test (15%), and one 2-hour final examination (25%).

**Prescribed reading:**

Mintz, M. *Advanced writing in Malay and Indonesian*, EPB Publishers, Singapore 1994.

**INDONESIAN/MALAY 2 CIV: Indonesian civilisation (15 CPs. Sem. I. Bu.) IM2CIV Mr Harry Aveling**

An introduction to the development of society and patterns of civilisation in the Indonesian/Malay world. Equal attention will be paid to the influences of India, Islamic and western cultures on indigenous patterns. Extensive use will be made of indigenous Indonesian/Malay literary and cultural texts as way of coming to understand the Malay world in its own terms. No knowledge of the Indonesian language is assumed in this subject.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** three 750-word assignments (45%), one 2-hour examination (55%).

**Prescribed reading:**

Steinberg, D. J. *In search of Southeast Asia*, Allen & Unwin 1987

**INDONESIAN/MALAY 2 ICA: Indonesian/Malay in-country studies A (20 CPs. Sem. I. Bu.) IM2ICA Mr Harry Aveling**

This subject provides students with an opportunity to develop practical language skills and to study, through formal classes and fieldwork, the life, culture and institutions of a South East Asian country where Indonesian/Malay is used in everyday life. This work is normally undertaken within the framework of a course in 'Indonesian for Foreign Speakers' provided by one of the larger Indonesian universities. Students are responsible for their own expenses. Students may take a maximum of 80 credit points of in-country studies subjects towards their degree.

**Prerequisite:** IM1B2.

**Class requirements:** pre-in-country sessions, formal instruction in South East Asia, post-experience review.

**Assessment:** pre-in-country proposal of 500-words (10%), completion of required work in-country (80%), and post-in-country report of 500-words (10%).

**INDONESIAN/MALAY 2 ICB: Indonesian/Malay in-country studies B (20 CPs. Sem. II. Bu.) IM2ICB**

See IM2ICA above.

**INDONESIAN/MALAY 2 ICC: Indonesian/Malay in-country studies C (20 CPs. Summer. Bu.) IM2ICC**

See IM2ICA above.

**INDONESIAN/MALAY 2 RCA: Indonesian/Malay reading course A (20 CPs. Sem. I. Bu.) IM2RCA**

An individual program of reading, discussion and written work on a topic of interest to the student is formulated in consultation with the subject coordinator. Students may take a maximum of 80 credit points of Indonesian reading courses towards their degree, 40 credit points at second year level and 40 credit points at third year level.

**Prerequisite:** IM1B2.

**Class requirements:** regular sessions are arranged with each student to discuss progress and any problems arising in the student's reading.

**Assessment:** as arranged for each student, but a total of 5,000- words or equivalent.

**INDONESIAN/MALAY 2 RCB: Indonesian/Malay reading course B (20 CPs. Sem. II. Bu.) IM2RCB**

See IM2RCA above.

**INDONESIAN/MALAY 2 RCC: Indonesian/Malay reading course C (20 CPs. Summer. Bu.) IM2RCC**

See IM2RCA above.

**INDONESIAN/MALAY 3 A-1: advanced Indonesian 1 (20 CPs. Sem. I. Bu., Aw.) IM3A1/WIM3A1 Mr Harry Aveling**

Students learn to analyse advanced topical material in Indonesian and to write complex essays on contemporary topics related to Indonesian society. A basic introduction to modern Indonesian literature is included.

**Prerequisite:** Bu: IM2A2 or IM3B2. Aw: WIM3B2.

**Incompatible subject:** IM3A offered prior to 1997.

**Class requirements:** Bu: two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week. Aw: one 3-hour lecture/tutorial per week.

**Assessment:** four class assignments (40%), one 1-hour written test (30%), one oral test (20%), and class participation (10%).

**INDONESIAN/MALAY 3 A-2: advanced Indonesian 2 (20 CPs. Sem. II. Bu., Aw.) IM3A2/WIM3A2 Mr Harry Aveling**

Students continue to learn to analyse more advanced topical material in Indonesian and to write complex essays on contemporary topics related to Indonesian society.

**Prerequisite:** IM3A1.

**Incompatible subject:** IM3A offered prior to 1997.

**Class requirements:** Bu: two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week. Aw: one 3-hour lecture/tutorial per week.

**Assessment:** four class assignments (40%), one 1-hour written test (30%), one oral test (20%), and class participation (10%).

**INDONESIAN/MALAY 3 B-1: intermediate Indonesian 3 (20 CPs. Sem. I. Bu., Aw.) IM3B1/WIM3B1 Mr Harry Aveling**

This course enables students to begin reading a range of informative contemporary texts in Indonesian, including newspapers and news-magazines. They develop various approaches for discussing these texts and learn to write essays on Indonesian politics and society.

**Prerequisite:** IM2B2 or equivalent.

**Incompatible subject:** Indonesian/Malay 2 A or 3 B offered prior to 1997.

**Class requirements:** Bu: two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week. Aw: one 3-hour lecture/tutorial per week.

**Assessment:** four class assignments (40%), one 1-hour written test (30%), one oral test (20%), and class participation (10%).

**Prescribed reading:**

Mintz, M. *Readings in Indonesian culture*, EPB Publishers, Singapore 1994.

**INDONESIAN/MALAY 3 B-2: intermediate Indonesian 4 (20 CPs. Sem. II. Bu., Aw.) IM3B2/WIM3B2 Mr Harry Aveling**

This course enables students to continue reading a range of informative contemporary texts in Indonesian, including newspapers and news-magazines. They develop further approaches for discussing these texts and learn to write more complex essays on Indonesian politics and society.

**Prerequisite:** Bu: IM3B1. Aw: WIM3B1.

**Incompatible subject:** IM2A or IM3B offered prior to 1997.

**Class requirements:** Bu: two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week. Aw: one 3-hour lecture/tutorial per week.

**Assessment:** four class assignments (40%), one 1-hour written test (30%), one oral test (20%), and class participation (10%).

**INDONESIAN/MALAY 3 CIV: Indonesian civilisation (15 CPs. Sem. I. Bu.) IM3CIV Mr Harry Aveling**

See Indonesian/Malay 2 CIV for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**INDONESIAN/MALAY 3 ICD: Indonesian/Malay in-country studies D (20 CPs. Sem. I. Bu.) IM3ICD Mr Harry Aveling**

This subject provides students with an opportunity to develop practical language skills and to study, through formal classes and fieldwork, the life, culture and institutions of a South East Asian country where Indonesian/Malay is used in everyday life. This work is normally undertaken within the framework of a course in 'Indonesian for Foreign Speakers' provided by one of the larger Indonesian universities. Students are responsible for their own expenses. Students may take a maximum of 80 credit points of in-country studies subjects towards their degree.

**Prerequisite:** IM2A2 or IM2B2.

**Class requirements:** pre-in-country sessions, formal instruction in South East Asia, post-experience review.

**Assessment:** pre-in-country proposals of 500-words (10%), completion of required work in-country (80%), and post-in-country report of 500-words (10%).

**INDONESIAN/MALAY 3 ICE: Indonesian/Malay in-country studies E (20 CPs. Sem. II. Bu.) IM3ICE**

See IM3ICD above.

**INDONESIAN/MALAY 3 ICF: Indonesian/Malay in-country studies F (20 CPs. Summer. Bu.) IM3ICF**

See IM3ICD above.

**INDONESIAN/MALAY 3 MIL: modern Indonesian literature (20 CPs. Sem. I. Bu.) IM3MIL Mr Harry Aveling**

The subject will focus on the prose and poetry of the 'Generation of 1945' and the 'Generation of 1966'.

**Prerequisite:** IM1A2 or IM2B2.

**Class requirements:** two 2-hour seminars and reading classes per week.

**Assessment:** four 250 word passages for translation from Indonesian into English (40%), one 1,500 to 2,000-word essay in Indonesian (50%), and class participation (10%).

**Prescribed reading:**

Aveling, H. and Sujatna, D. (eds.) *Cermin: Indonesian short stories*, Paradigm Press, Perth, latest edn.

**INDONESIAN/MALAY 3 RCD: Indonesian/Malay reading course D (20 CPs. Sem. I. Bu.) IM3RCD Mr Harry Aveling**

An individual program of reading, discussion and written work on a topic of interest to the student is formulated in consultation with the subject coordinator.

**Prerequisite:** IM2B2.

**Incompatible subject:** students may take a maximum of 80 credit point of Indonesian reading courses towards their degree, 40 credit points at second year level and 40 credit points at third year level.

**Class requirements:** regular sessions are arranged with each student to discuss progress and any problems arising in the student's reading. **Assessment:** as arranged for each student, but a total of 5,000- words or equivalent.

**INDONESIAN/MALAY 3 RCE: Indonesian/Malay reading course F (20 CPs. Sem. II. Bu.) IM3RCE**

See IM3RCD above.

**INDONESIAN/MALAY 3 RCF: Indonesian/Malay reading course F (20 CPs. Summer. Bu.) IM3RCF**

See IM3RCD above.

**INDONESIAN/MALAY 4 CML: classical Malay literature (20 CPs. Sem. II. Bu.) IM4CML Mr Harry Aveling**

An introduction to the development of classical Malay prose and poetry. Special attention is paid to the intensive reading of the 'Hikayat Raja Pasai' and the 'Sejarah Melayu', major classical histories of the Malay world.

**Prerequisite:** admission to Honours, or approval of the lecturer.

**Class requirements:** two 2-hour seminars and reading classes per week.

**Assessment:** four 250-word passages for translation from Malay into English (40%), and two 2-hour examinations in Indonesian/Malay (60%).

**Prescribed reading:**

Jones, R. (ed.) *Hikayat Raja Pasai Fajar Bakti*, any edn.

**INDONESIAN/MALAY 4 PAP: Indonesian/Malay for academic purposes (40 CPs. All year. Bu.) IM4PAP Mr Harry Aveling**

This subject equips students with appropriate skills to undertake research in Indonesian/Malay. Students are trained to read and comprehend original documents in Indonesian/ Malay on specialised topics such as literature, politics, religions, social and cultural issues. Attention is paid to oral and communication skills.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 2-hour workshop per week.

**Assessment:** translations and essay writing, total of 3,000-words (40%), three 2-hour written tests (30%), and two 30-minute oral tests (30%).

**Prescribed reading:**

Indonesia, Departemen Pendidikan dan Kebudayaan, *Kamus Besar Bahasa Indonesia* 1989.

Indonesia, Departemen Pendidikan dan Kebudayaan, *Tata Bahasa Baku Bahasa Indonesia* 1988.

**INDONESIAN/MALAY 4 RCA: reading course (20 CPs. Sem. I. Bu.) IM4RCA**

See IM3RCD above.

**INDONESIAN/MALAY 4 RCB: reading course (20 CPs. Sem. II. Bu.) IM4RCB**

See IM3RCD above.

**INDONESIAN/MALAY 4 SEA: life and culture in South East Asia (20 CPs. Sem. I. Bu.) IM4SEA Mr Harry Aveling**

This subject is similar to undergraduate fieldwork programs, but is undertaken at a level appropriate to fourth year honours. It can be

used for formal study in South East Asia, or to conduct fieldwork in preparation for the thesis. Students are responsible for all of their own expenses.

**Class requirements:** pre-fieldwork sessions, fieldwork or formal instruction in South East Asia and post-experience review.

**Assessment:** for students undertaking formal course-work in South East Asia, as arranged with the host institution prior to departure and with the approved of the Head of School. Students undertaking fieldwork in South East Asia are required to submit a 3,000-word report on the methods and results of their research. In either case, students may be required to take two additional three-hour examinations at La Trobe after their return.

**Italian Studies Professor John Gatt-Rutter**

Italian studies combines Italian language study and language skills with the study of Italy and its literature, history and civilisation. The first year subjects for students who have VCE Italian or equivalent are Italian 1 A-1 and 1 A-2.

Two subjects for beginners, Italian 1 B-1 and 1 B-2, are offered in first year and sequels to these are available at second and third year levels. Two more first year subjects, Italian 1 C-1 and 1 C-2, are available for intermediate students who have some knowledge of Italian, but who are not qualified for enrolment in Italian 1 A-1 and 1 A-2. Italian 1 PI which has no language prerequisite is recommended for all students who wish to broaden their knowledge of modern Italy. It does not however form a requirement for a major in Italian. Latin 1-1 and 1-2, subjects for beginners, are coordinated by the Division of Italian Studies and taught in collaboration with members of other Schools. Latin 1-2 does not have a sequel.

**Programs of study**

Students will be assigned to language subjects according to their prior knowledge of Italian. The language streams will merge and be taught and assessed as follows:

- There will be a three year sequence of components for post-VCE students with an initial enrolment in Italian 1 A-1.
- Intermediate students with Departmental approval may merge in their second year with the post-VCE stream (Italian 2 A-1 and 2 A-2) At third year students will take Italian 3 A-1 and 3 A-2.
- Beginner students will take Italian 1 B-1 and 1 B-2 in first year. The continuations are Italian 2 B-1, 2 B-2, 3 B-1 and 3 B-2.

Students shall not be deemed to have fulfilled the requirements of Italian 1 A-1 and 1 A-2 unless they pass both the language and non-language components of these subjects.

Post-VCE (A stream) students must complete Italian 2 A-1 and 2 A-2 plus 20 credit points of a second year Italian cultural subject before being admitted to any third year Italian subject.

Attendance at all lectures, classes and laboratory sessions is compulsory.

**Assessment**

Unless otherwise stipulated in individual subject descriptions, assessment is by course-work (including such tests as may be prescribed by the tutor as part of the subject) and examination. Course-work consists of written and oral assignments. Most subjects involve the writing of a major essay and the presentation of at least one seminar paper per semester. Precise details are given by each tutor at the beginning of the subject. Language subjects involve regular weekly assignments, attendance at audio-visual sessions as prescribed and constant participation in oral work. Language work is usually examined by means of a 10 to 15 minute oral examination and a three hour written examination.

Assessment is based on judgements of the student's performance, aptitude and ability. Students are encouraged to discuss their progress with their tutors and with the coordinator, who are very happy to help them with any problems they may encounter in the course of their studies.

**Major in Italian studies**

Students who wish to satisfy the degree requirements by taking a major in Italian studies must undertake at least 150 credit points of Italian Studies subjects, 80 credit points of which must be at third year level. Students who wish to satisfy degree requirements by taking two sequences, one of which is in Italian, are required to take 110 credit points, including at least 40 credit points at third year level.

**First year subjects**

**15 credit points**

- |     |   |
|-----|---|
| 1   | Italian 1 A-1: introduction to Italian studies 1 <sup>1</sup> |
| 1   | Italian 1 C-1: intermediate Italian 1 <sup>1</sup>            |
| 1&2 | Italian 1 B-1: beginners stream 1 <sup>1</sup>                |
| 1&2 | Italian 1 PI: the people of contemporary Italy                |
| 2   | Italian 1 A-2: introduction to Italian studies 2 <sup>1</sup> |
| 2   | Italian 1 B-2: beginners stream 2 <sup>1</sup>                |
| 2   | Italian 1 C-2: intermediate Italian 2 <sup>1</sup>            |

**Summer Sem.**

Italian 1 B1-S: beginners stream 1 - summer

**Second year subjects** **20 credit points**

- 1 Italian 2 A-1: Italian language and culture 1<sup>1</sup>
- 1 Italian 2 B-1: practical Italian 1<sup>1</sup>
- 1 Italian 2 LIMA: love in the Middle Ages
- 2 Italian 2 A-2: Italian language and culture 2<sup>1</sup>
- 2 Italian 2 B-2: practical Italian 2<sup>1</sup>
- 2 Italian 2 IT: Italian translation

**Second or third year subjects** **20 credit points**

- 1 Italian 2 FR/3 FR: from Fascism to the second Republic
- 1 Italian 2 MED/3 MED: medieval Italy<sup>2</sup>
- 1 Italian 2 UF/3 UF: from Unification to Fascism<sup>2</sup>
- 2 Italian 2 R/3 R: Renaissance Italy

**Third year subjects** **20 credit points**

- 1 Italian 3 A-1: practical language - third-year advanced stream 1<sup>1</sup>
- 1 Italian 3 B-1: beginners stream - advanced 1<sup>1</sup>
- 1 Italian 3 DL: decadent literature<sup>2</sup>
- 1 Italian 3 EIT: early Italian theatre<sup>2</sup>
- 1 Italian 3 IAL: migrant literature: the Italo-Australian experience
- 1 Italian 3 RCA: individual readings
- 2 Italian 3 A-2: bilingual skills<sup>1</sup>
- 2 Italian 3 B-2: beginners stream - advanced 2<sup>1</sup>
- 2 Italian 3 RCB: individual readings
- 2 Italian 3 SN: the Italian novella from the sixteenth to the nineteenth century<sup>2</sup>

N.B. Reading subjects are only made available to third-year students in special circumstances and with the permission of the Chairperson of the Department.

Key: <sup>1</sup> Core subjects. <sup>2</sup>Not available in 2000.

**Other subjects recommended for students of Italian**

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

**Second or third year subjects** **20 credit points**

Art History 2 F/3 F: Florentine maniera painting, 1520–1570

**Third year subjects** **20 credit points**

Art History 3 K: Venetian painting in the Renaissance  
Art History 3 T: early Christian and medieval Rome c. 312–1308

In addition, subjects from Linguistics are recommended. Especially the following:

**Second or third year subjects** **20 credit points**

Linguistics 2 BL/3 BL: bilingualism and second language acquisition  
Linguistics 2 CC/3 CC: cross cultural communication  
Linguistics 2 HL/3 HL: historical linguistics  
Linguistics 2 LCM/3 LCM: language and culture maintenance

**Honours**

Students majoring in Italian studies who achieve an average mark of at least 70% in second and third years may apply to undertake a fourth-year honours course.

The course consists of:

- a course-work component of three semester subjects, which may include a third-year subject not previously taken by the student, as well as additional subjects determined by the coordinator of Italian studies in consultation with the student and the teaching staff. *and*
- a 10,000 to 12,000 word dissertation, to be written in Italian, on a topic agreed upon between the student and the supervisor

Honours students undertaking a third year subject as part of their course-work, are expected to meet more demanding criteria in their written work than third year students, but do not normally sit an examination in this subject.

Assessment is 50% course-work and 50% dissertation. Queries may be directed to the honours coordinator.

**Study Abroad**

Students who undertake a three-month course at Perugia University for Foreigners subsequent to completing their second year at La Trobe may obtain a maximum of 20 credit points of language at third-year level. It is required, however, that the course undertaken be at least of Level 4 or above and also that the students present the official university students' examination booklet certifying that they have obtained a satisfactory result at the official examination for that subject. Study at other tertiary institutions in Italy may also be credited on a similar basis, at the discretion of the Chairperson of the Department.

**Subject descriptions**

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject

can be determined by consulting the Index of subjects at the back of the *Handbook*.

**ITALIAN 1 A-1: introduction to Italian studies 1 (15 CPs. Sem. I. Bu.)**

**IT1A1 Mr Antonio Pagliaro**

This subject develops oral and written expression in Italian and introduces the student to the culture of modern Italy. Audio-visual material, newspaper articles and texts on contemporary Italian society are used to develop students' competence in speaking, reading and writing and to broaden their knowledge of the Italian culture and society.

*Prerequisite:* VCE Italian or equivalent.

*Incompatible subject:* IT1A offered prior to 1997.

*Class requirements:* two 1-hour language classes and two 1-hour non-language classes.

*Assessment:* language: continuous assessment based on oral participation in class and written exercises at home (20%), and two 50-minute written class tests (30%). Non-language: continuous assessment based on at least one oral class presentation and class participation (15%), one 50-minute written class test (15%), and one 1,000-word essay (20%).

**Prescribed reading:**

Amato, C. *Mondo italiano: Testi autentici sulla realtà sociale culturale italiana*, Bonacci 1993.

Amato, C. *Quaderno di Mondo italiano*, Bonacci, 1993.

Lazzarino, G. and Monetti, A. *Da capo*, 4th edn, Holt, Rinehart and Winston 1996.

**Recommended reading:**

Forgacs, D. and Lumley, R. *Italian cultural studies: an introduction*, Oxford UP, 1996.

**ITALIAN 1 A-2: introduction to Italian studies 2 (15 CPs. Sem. II. Bu.)**

**IT1A2 Mr Antonio Pagliaro**

This continues to develop the students' oral and written Italian language skills and knowledge of Italian culture and society through the use of audio-visual material and written texts. Particular emphasis is placed on modern writers in order to give a better understanding of present-day Italian culture.

*Prerequisite:* IT1A1 or equivalent or coordinator's approval.

*Incompatible subject:* IT1A offered prior to 1997.

*Class requirements:* two 1-hour language classes and two 1-hour non-language classes.

*Assessment:* language: continuous assessment based on oral participation in class and written exercises at home (20%), and two 50-minute written class tests (30%). Non-language: continuous assessment based on at least one oral class presentation and class participation (15%), one 50-minute written class test (15%), and one 1,000-word essay (20%).

**Prescribed reading:**

Lazzarino, G. and Monetti, A. *Da capo*, 4th edn, Holt, Rinehart and Winston 1996.

Tabucchi, A. *I dialoghi mancati*, Feltrinelli 1988.

**ITALIAN 1 B-1: beginners stream 1 (15 CPs. Summer, Sem. I or II. Bu.)**

**IT1B1 Mr Walter Musolino**

This subject develops students' competence in basic communicative and comprehension skills. Teaching and group work is carried out in Italian. The subject also integrates audio-visual and computer programs.

*Incompatible subject:* IT1B offered prior to 1997, IT1B1 and IT1B2 are not available to students qualified to enrol in any of IT1A1, IT1A2, IT1C1 or IT1C2.

*Class requirements:* one 1-hour language lecture, two 1-hour language workshops and one 1-hour computer class per week.

*Assessment:* two 1-hour written language tests (50%), weekly written work and computer-based testing (25%), and conversation tasks in class (25%).

**Prescribed reading:**

Merlonghi, F. and Tursi, J. *Oggi in Italia*, 6th edn, Houghton Mifflin 1998.

**ITALIAN 1 B-2: beginners stream 2 (15 CPs. Sem. II. Bu.)**

**IT1B2 Mr Walter Musolino**

In this subject students build on their work in Italian 1 B-1 by extending their oral and written skills. It completes the introduction to basic grammatical structures and utilises both conversational workshops and creative writing. The course also integrates audio-visual and computer programs.

*Prerequisite:* IT1B1 or permission from the coordinator of Italian Studies.

*Incompatible subject:* IT1B offered prior to 1997, IT1B1 and IT1B2 are not available to students qualified to enrol in any of IT1A1, IT1A2, IT1C1 or IT1C2.

**Class requirements:** one 1-hour language lecture, two 1-hour language workshops and one 1-hour computer class per week.  
**Assessment:** two 1-hour written language tests (50%), weekly written work and computer-based testing (25%), and conversation tasks in class (25%).

**Prescribed reading:**

Merlonghi, F. and Tursi, J. *Oggi in Italia*, 6th edn, Houghton Mifflin 1998.

Fo, D. *Gli imbianchini non hanno ricordi*, Easy Readers, 1977.

**ITALIAN 1 C-1: intermediate Italian 1 (15 CPs. Sem. I. Bu.) IT1C1 Mr Antonio Pagliaro**

This is for students who have some prior knowledge of Italian but do not have VCE Italian or its equivalent. It develops oral and written expression in Italian and introduces students to the culture of modern Italy. Audio-visual material, newspaper articles and texts on contemporary Italian society and literature are used to develop students' competence in speaking, reading and writing and to broaden their knowledge of the Italian culture and society.

**Incompatible subject:** IT1C, IT1A offered prior to 1997, IT1A1, IT1A2, IT1B1 or IT1B2.

**Class requirements:** two 1-hour language classes and two 1-hour non-language classes.

**Assessment:** language: continuous assessment based on oral participation in class and written exercises at home (20%), and two 50-minute written class tests (30%). Non-language: continuous assessment based on at least one oral class presentation and class participation (15%), one 50-minute written class test (15%), and one 1,000-word essay (20%).

**Prescribed reading:**

Merlonghi, F. and Tursi, J. *Oggi in Italia*, 6th edn, Houghton Mifflin 1998

Merlonghi, F. and Tursi, J. *Oggi in Italia, Workbook/Laboratory Manual*, Houghton Mifflin.

**ITALIAN 1 C-2: intermediate Italian 2 (15 CPs. Sem. II. Bu.) IT1C2 Mr Antonio Pagliaro**

This subject continues to develop the students' oral and written Italian language skills and knowledge of Italian culture and society through the use of audio-visual material, newspaper articles, sociological essays and Italian literary texts. Different periods of Italian history and cultural life are studied to give a better understanding of Italy today.

**Prerequisite:** IT1C1.

**Incompatible subject:** IT1C, IT1A offered prior to 1997, IT1A1, IT1A2, IT1B1 or IT1B2.

**Class requirements:** two 1-hour language classes and two 1-hour non-language classes.

**Assessment:** language: continuous assessment based on oral participation in class and written exercises at home (20%), and two 50-minute written class tests (30%). Non-language: continuous assessment based on at least one oral class presentation and class participation (15%), one 50-minute written class test (15%), and one 1,000-word essay (20%).

**Prescribed reading:**

Merlonghi, F. and Tursi, J. *Oggi in Italia*, 6th edn, Houghton Mifflin 1998.

Merlonghi, F. and Tursi, J. *Oggi in Italia, Workbook/Laboratory Manual*, Houghton Mifflin.

**ITALIAN 1 PI: the people of Italy (15 CPs. Sem. I or II. Bu.) IT1PI Mr Antonio Pagliaro**

In this subject authentic Italian materials, including text and film, will be used to study the evolution of contemporary Italian society. Geographical and social differences, population movements within, out of and into Italy and the relationships of individuals and families to one another and to the State will be among the topics to be considered. A prior knowledge of Italian is not required for the subject. Linguistic skills of comprehension and expression will be developed in the tutorial classes. This subject is strongly recommended to all first-year Italian students.

**Incompatible subject:** IT1A-1 (prior to 2000).

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** two 1,000-word assignments (25% each), and one 2-hour test (50%).

**Prescribed reading:**

Ginsborg, P. *A history of contemporary Italy*, Penguin, 1990.

Amato, C. *Mondo italiano. Testi autentici sulla realtà sociale e culturale italiana*, Bonacci, 1993.

Amato, C. *Quaderno di mondo italiano*, Bonacci, 1993.

**ITALIAN 2 A-1: Italian language and culture 1 (20 CPs. Sem. I. Bu.)**

**IT2A1 Dr Piero Genovesi**

This subject increases students' knowledge of the structures and vocabulary of the Italian language by the use of graduated material including written texts, films and recordings, which also serve to enhance the students' understanding of many of the foremost issues in Italian society today.

**Prerequisite:** IT1A2, IT2B2 or IT1C2 (from 1998 onwards and with coordinator's approval) or coordinator's approval.

**Class requirements:** one 1-hour lecture and two 1-hour seminars per week.

**Assessment:** continuous assessment, including class participation and written exercises (50%), oral test (15%), and one 2-hour final examination (35%).

**Prescribed reading:**

Students should possess a good Italian dictionary and an approved grammar.

**ITALIAN 2 A-2: Italian language and culture 2 (20 CPs. Sem. II. Bu.)**

**IT2A2 Dr Piero Genovesi**

In this subject students continue as in Italian 2 A-1 to advance their understanding of Italian society and the structures and usage of the language.

**Prerequisite:** IT2A1 or coordinator's approval.

**Class requirements:** one 1-hour lecture and two 1-hour seminars per week.

**Assessment:** continuous assessment, including class participation and written exercises (50%), oral test (15%), and one 2-hour final examination (35%).

**Prescribed reading:**

Students should possess a good Italian dictionary and an approved grammar.

**ITALIAN 2 B-1: practical Italian 1 (20 CPs. Sem. I. Bu.) IT2B1 Mr**

**Antonio Pagliaro**

This is essentially a practical subject that aims to develop students' communicative competence in both spoken and written Italian. A variety of literary works are used to introduce students to textual analysis. The weekly lectures are designed to give students an insight into aspects of contemporary Italian society and to acquaint them with Italian literature from its beginning.

**Prerequisite:** IT1B2.

**Class requirements:** one 1-hour lecture, two 1-hour language workshops, one 1-hour conversation class and one 1-hour reading class per week.

**Assessment:** Language: class participation and regular written assignments (40%), one 1-hour written test (20%), and one 2-hour final examination (40%). Non-language: class participation (including a class presentation) (40%), one 1,000-word essay (20%), and one 1-hour written test (40%).

**Prescribed reading:**

Amato, C. *Mondo italiano. Testi autentici sulla realtà sociale e culturale italiana*, Bonacci 1993.

Amato, C. *Quaderno di mondo italiano*, Bonacci 1993.

Lazzarino, G. and Monetti, A. *Da capo*, 4th edn, Holt, Rinehart and Winston 1996.

Merlonghi, F. and Tursi, J. *Oggi in Italia, student text*, 6th edn Houghton Mifflin 1998.

**ITALIAN 2 B-2: practical Italian 2 (20 CPs. Sem. II. Bu.) IT2B2 Dr**

**Nicole Prunster**

Students build on the work commenced in Italian 2 B-1 to achieve a firm grounding in the language and an overview of Italy through its literature. Students will thus be equipped for more specialised study at third-year level.

**Prerequisite:** IT2B1 or coordinator's approval.

**Class requirements:** one 1-hour lecture, two one-hour language workshops, one 1-hour conversation class and one one-hour reading class per week.

**Assessment:** Language: class participation and regular written assignments (40%), one 1-hour written test (20%), one 2-hour final examination (40%). Non-language: class participation (including a class presentation) (40%), one 1,000-word essay (20%), and one 1-hour written test (40%).

**Prescribed reading:**

Lazzarino, G. and Monetti, A. *Da capo*, 4th edn, Holt, Rinehart and Winston 1996.

Merlonghi, F. and Tursi, J. *Oggi in Italia, student text*, 6th edn Houghton Mifflin 1998.

Tabucchi, A. *I dialoghi mancati*, Feltrinelli 1988.



**ITALIAN 2 FR: from Fascism to the "second republic" (20 CPs. Sem. I. Bu.) IT2FR Dr Piero Genovesi**

In this subject students will examine the developments of the Italian nation-state, in the light of the changes in Italian society, language and culture, from the experience of Fascism and World War Two, to the present time.

**Prerequisite:** IT1A2, IT2B2 or (with coordinator's approval) IT1C2.  
**Incompatible subject:** previous enrolment in IT2MI/ IT3MI.

**Class requirements:** one 1-hour lecture and two 1-hour seminars.  
**Assessment:** participation in seminars (including one 1-hour test) (25%), one 2,500-word essay (50%), and one 1,250-word bibliographical exercise (25%).

**Preliminary reading:**

Romano, G. *Storia d'Italia dal Risorgimento ai giorni nostri*. Mondadori  
Procacci, G. *History of the Italian people*.

**Prescribed reading:**

Moravia, A. *Gli indifferenti*. Bompiani, any edn.  
Additional reading material will be made available.

**ITALIAN 2 IT: Italian translation (20 CPs. Sem. II. Bu.) IT2IT Mr Antonio Pagliaro**

This is intended as a practical introduction to translating, principally from Italian to English, but also vice-versa. Students study examples of translation from a number of fields, including literature, bureaucracy and advertising. They undertake shorter translations, as well as a longer translation in a field of their choice. The subject also includes an introduction to theory of translation. It is followed by the third year subject Italian 3A-2: bilingual skills.

**Prerequisite:** IT2A1.

**Class requirements:** one 1-hour lecture and two 1-hour practical classes.  
**Assessment:** one 2-hour class test (35%), one 3,000-word translation assignment (30%), and weekly exercises (35%).

**Preliminary reading:**

Larsen, M. *Meaning-based translation*, Lanham MD: UP of America 1984.

**Prescribed reading:**

A large Italian-English, English-Italian dictionary (Hazon- Garzanti, Ragazzini or similar)  
Zingarelli, N. *Il nuovo Zingarelli: vocabolario della lingua italiana*, 11th or successive edn, Zanichelli.

**ITALIAN STUDIES 2 LIMA: love in the Middle Ages (20 CPs. Sem. I. Bu.) IT2LIMA Dr Nicole Prunster**

In this subject, which is taught entirely in English, students' attention will focus on love, in its many manifestations, as it is represented in a variety of early Italian texts in order to arrive at an understanding of the complexity and richness of Italian society and culture in a period the importance of which is frequently eclipsed by the brilliance of the Renaissance. Whereas the examination of texts dealing with courtly, conjugal, adulterous and spiritual love will acquaint students with such major Medieval institutions as chivalry, family and the Church, the eroticism of other works will foreshadow the approach of a new era. To this end, works by such authors as Andreas Capellanus, Saint Francis, Jacopone da Todi, Dante Alighieri, Francesco Petrarca, Leon Battista Alberti and Giovanni Boccaccio will be studied in English translation.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 2-hour examination (40%), one 2,000-word essay (30%), one 15-minute class paper (15%), and tutorial participation (15%).

**Prescribed reading:**

All prescribed reading material to be supplied by Department of Italian Studies.

**ITALIAN 2 MED: medieval Italy (20 CPs. Sem. I. Bu.) IT2MED Mr Antonio Pagliaro**

Not available in 2000.

**ITALIAN 2 R: Renaissance Italy (20 CPs. Sem. II. Bu.) IT2R Mr Antonio Pagliaro & Dr Nicole Prunster**

In this subject students are offered an introduction to Italian humanism and Italian Renaissance literature and society through the study of representative prose and verse works. Particular attention is paid to the manner in which a new vision of society and of individual merit evolves in the period.

**Prerequisite:** IT1A2, IT2B2 or (with coordinator's approval) IT1C2.  
**Incompatible subject:** Previous enrolment in IT2MR/IT3MR.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one 2-hour test (50%), class participation including one 10-minute class paper (25%), and one 1,500-word essay (25%).

**Prescribed reading:**

Machiavelli, N. *Il principe*. edn T. Albarani. Mondadori.  
An anthology of further Italian reading material will be made available. Writers introduced will include: Castiglione, Della Casa, Ariosto, Poliziano.

**ITALIAN 2 UF: from Unification to Fascism (20 CPs. Sem. I. Bu.)**

**IT2UF Dr Piero Genovesi**

Not available in 2000.

**ITALIAN 3 A-1: practical language - third-year advanced stream 1 (20 CPs. Sem. I. Bu.) IT3A1 Professor John Gatt-Rutter**

This advanced language subject is compulsory for students undertaking any subject in Italian at third year in the A- stream. It is designed to raise students to the threshold of language professionalism in spoken and written communication, understanding of contemporary Italy, discrimination between varieties of discourse and communicative situation and an introduction to specific skills including reporting and summarising. The student's range of vocabulary, idiom and syntactic resources is systematically extended through the use of a wide variety of audio, video and print material. Each student pursues a thematic language project in Italian, maximising use of developing language resources around a topic or issue of personal interest.

**Prerequisite:** IT2A2.

**Class requirements:** three hours of practical language.

**Assessment:** eight 250-word assignments (20%), two 50-minute tests (20%), one 2-hour examination (20%), two 10-minute oral tasks (25%), and one 10-minute oral examination (15%), while the thematic project enters all assessment categories.

**Prescribed reading:**

All students are required to possess their own Italian dictionary.

**ITALIAN 3 A-2: bilingual skills (20 CPs. Sem. II. Bu.) IT3A2 Professor John Gatt-Rutter**

This advanced subject is compulsory for students undertaking any subject in Italian at third year in the A-stream. It aims to raise students to the threshold of language professionalism in terms of bilingual skills such as translating, interpreting and cross-lingual information-gathering. Students also pursue their own thematic language project.

**Prerequisite:** IT3A1.

**Class requirements:** three hours of practical language.

**Assessment:** eight 250-word assignments (20%), two 50-minute tests (20%), one 2-hour examination (20%), two 10-minute oral tasks (25%), one, 10-minute oral examination (15%), while the thematic project enters all assessment categories.

**Prescribed reading:**

All students are required to possess their own Italian-English and English-Italian dictionary.

**ITALIAN 3 B-1: beginners stream - advanced 1 (20 CPs. Sem. I. Bu.)**

**IT3B1 Dr Piero Genovesi**

This subject is available to students who have already attained basic competence in spoken and written Italian. It is designed to broaden students' knowledge of contemporary Italian society by focusing attention on the language of fundamental areas of daily life. This will be of practical use to them in the work force, as well as enabling them to go on to complete a major in Italian studies.

**Prerequisite:** IT2B2 or coordinator's approval.

**Class requirements:** two 1-hour language classes and two 1-hour seminars per week.

**Assessment:** continuous assessment (based on oral participation in class and exercises written at home) (35%), two 1-hour written tests (40%), and one 1,500-word essay (25%).

**Preliminary reading:**

Lazzarino, G. and Monetti, A. *Da capo*, 4th edn, Holt, Rinehart and Winston 1996.

**Prescribed reading:**

Students should possess a good Italian dictionary and an approved grammar.

**ITALIAN 3 B-2: beginners stream - advanced 2 (20 CPs. Sem. II. Bu.) IT3B2 Dr Piero Genovesi**

This subject is available to students who have already attained basic competence in spoken and written Italian and builds on the work commenced in Italian 3 B-1. A representative range of 20th century texts are studied to extend students' knowledge of contemporary Italy.

**Prerequisite:** IT3B1 or coordinator's approval.

**Class requirements:** two 1-hour language classes and two 1-hour seminars per week.



**Assessment:** continuous assessment (based on oral participation in class and exercises written at home) (35%), two 1-hour written tests (40%), and one 1,500-word essay (25%).

**Preliminary reading:**

Lazzarino, G. and Monetti, A. *Da Capo*, 4th edn, Holt, Rinehart and Winston 1996.

**Prescribed reading:**

Students should possess a good Italian dictionary and an approved grammar.

**ITALIAN 3 DL: decadent literature (20 CPs. Sem. I. Bu.) IT3DL**

Professor John Gatt-Rutter

Not available in 2000.

**ITALIAN 3 EIT: early Italian theatre (20 CPs. Sem. I. Bu.) IT3EIT Dr**

Nicole Prunster

Not available in 2000.

**ITALIAN 3 FR: from Fascism to the "second republic" (20 CPs. Sem. I. Bu.) IT3FR Dr Piero Genovesi**

See Italian 2 FR for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ITALIAN 3 IAL: migrant literature: the Italo-Australian experience (20 CPs. Sem. I. Bu.) IT3IAL Dr Piero Genovesi**

This subject provides students with the research skills required to appreciate a rapidly expanding field of study which is a major focus of interest in Australia and overseas. This is achieved by the close examination of a variety of texts in Italian and English. An integral part of this subject is the direct contact with Italo-Australian authors and scholars, complemented by research conducted in libraries and historical archives of Victoria. The subject can also be taught in Italy to interested students. For further information regarding this opportunity, see the coordinator.

**Prerequisite:** IT2A2 and one culture subject at second year advanced level. Students who have completed IT2B2 (or IT2C2 prior to 1999) require coordinator's approval.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** two 2,000-word essays (80%), and class participation, including one class paper (20%).

**Preliminary reading:**

Arrighi, M. *Italians in Australia: the literary experience*, University of Wollongong 1991.

Marchand, J. J. *La letteratura dell'emigrazione*, Fondazione Giovanni Agnelli 1991.

Paltridge, B. and Di Biase, B. *Italian in Australia*, Filef, NSW 1985.

Rando, G. *Italian writers in Australia*, University of Wollongong 1983.

**Prescribed reading:**

Genovesi, P. *Compagni di viaggio*, CIS 1991.

**ITALIAN 3 R: Renaissance Italy (20 CPs. Sem. II. Bu.) IT3R Mr**

Antonio Pagliaro and Dr Nicole Prunster

See Italian 2 R for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**ITALIAN 3 RCA: individual readings (20 CPs. Sem. I. Bu.) IT3RCA**

See the subject description for Italian 3 RCB below.

**ITALIAN 3 RCB: individual readings (20 CPs. Sem. II. Bu.) IT3RCB**

In special circumstances an individual reading subject is available. Students must obtain the prior approval of the Chairperson.

**Prerequisite:** program coordinator's approval.

**Incompatible subject:** IT3RCA.

**Class requirements:** details for each specific program are available from the staff member concerned.

**Assessment:** one or two 10 to 15 minute class presentations (30%), and two or more essays totalling 4,000-words (70%).

**ITALIAN 3 SN: the Italian novella from the sixteenth to the nineteenth century (20 CPs. Sem. II. Bu.) IT3SN Dr Nicole Prunster**

Not available in 2000.

**Japanese Dr Kaori Okano**

The Japanese program offers undergraduate studies from beginner to honours level and postgraduate studies. Two entry-level subjects are available to cater for students with differing levels of language proficiency: the beginners stream (Japanese 1B) and post-VCE stream (Japanese 1A). A placement test and interview may be used to determine a student's suitability for entry into one of these streams.

The primary aim of the program is to enable students to gain a high level of language competence in modern Japanese and to develop an interest in a specific area of Japanese studies. La Trobe University has staff who specialise in Japanese literature, sociology and anthropology, cinema studies, drama and politics. Students are encouraged to take Japan-related subjects offered by these experts and listed below, towards their Japanese major.

Students who wish to prepare for honours and/or postgraduate studies are strongly encouraged to complete a sequence in another discipline (e.g., literature or sociology) as well as their language studies.

Students can participate in an in-country study program (six or 11 months) as part of their degree through La Trobe's exchange agreements with Kansai University of Foreign Studies, Osaka and with Kyoto Tachibana Women's University. Students who have studied Japanese at La Trobe for at least one year are eligible to apply to participate in these programs.

**Programs of study**

To qualify for a degree with a major in Japanese, a student must normally complete 150 credit points of Japanese 1, Japanese 2 and Japanese 3 (in one of the two streams and at least another 40 credit points at third year level from the subjects listed below). Students who wish to satisfy the degree requirements by taking two sequences, one of which is in Japanese, are required to take 110 credit points in Japanese language, including at least 40 credit points at third year level. See the Asian Studies entry for additional information. Students wishing to qualify as language teachers in schools are required to enrol in three language units in their chosen language in first year, totalling 45 credit points. This is in order to meet the requirement that students who wish to qualify as LOTE teachers in schools must complete 120 credit points post-VCE in their chosen language.

**First year subjects**

**15 credit points**

Sem.

- |   |                                      |
|---|--------------------------------------|
| 1 | Japanese 1 A-1: post-VCE Japanese 1  |
| 1 | Japanese 1 A-3: post-VCE Japanese 3  |
| 1 | Japanese 1 B-1: beginning Japanese 1 |
| 1 | Japanese 1 B-3: beginning Japanese 3 |
| 2 | Japanese 1 A-2: post-VCE Japanese 2  |
| 2 | Japanese 1 B-2: beginning Japanese 2 |

**Second year subjects**

**10 credit points**

- |   |  |
|---|--|
| 2 | Japanese 2 RCB: reading and writing course |
|---|--|

**15 credit points**

- |   |   |
|---|---|
| 1 | Japanese 2 A-1: second-year post-VCE Japanese 1 |
| 1 | Japanese 2 B-1: intermediate Japanese 1         |
| 2 | Japanese 2 A-2: second-year post-VCE Japanese 2 |
| 2 | Japanese 2 B-2: intermediate Japanese 2         |

**20 credit points**

- |   |  |
|---|--|
| 1 | Japanese 2 RCA: reading and writing course |
|---|--|

**Second or third year subjects**

**20 credit points**

- |   |   |
|---|---|
| 1 | Cinema Studies 2 NCJ/3 NCJ: Japanese cinema <sup>1</sup>                              |
| 1 | Drama 2 JTA/3 JTA: Japanese theatre A   |
| 1 | Linguistics 2 CC/3 CC: cross-cultural communication                                   |
| 1 | Politics 2 JP/3 JP: Japanese politics   |
| 1 | Sociology 2 JP/3 JP: Japanese society   |
| 2 | Art History 2 EW/3 EW: east meets west: the arts of Japan and cross-cultural exchange |
| 2 | Asian Studies 2 LEAT/3 LEAT: love and eroticism in Asian literature                   |
| 2 | Drama 2 JTB/3 JTB: Japanese theatre B   |
| 2 | Japanese 2 EIJ/3 EIJ: education and inequality in Japan                               |
| 2 | Linguistics 2 LSA/3 LSA: language and society (Asia)                                  |

**Third year subjects**

**10 credit points**

- |   |  |
|---|--|
| 2 | Japanese 3 RCB: reading and writing course |
|---|--|

**15 credit points**

- |   |  |
|---|--|
| 1 | Japanese 3 A-1: third-year post-VCE Japanese 1 |
| 1 | Japanese 3 B-1: upper intermediate Japanese 1  |
| 2 | Japanese 3 A-2: third-year post-VCE Japanese 2 |
| 2 | Japanese 3 B-2: upper intermediate Japanese 2  |

**20 credit points**

- |   |                                |
|---|--------------------------------|
| 1 | Japanese 3 RCA: reading course |
|---|--------------------------------|

Key: <sup>1</sup> Not available in 2000.

**Honours**

Students wishing to enter the fourth year honours course in Japanese should normally have completed a 150 credit-point Japanese major, including 80 credit points at third year level, of which 20 credit

points must be Japanese 3 RC. Students are expected to attain an average of at least a B grade in the subjects that make up their Japanese major in the second and third years, if they wish to qualify for entry in the fourth year honours course. Students wishing to do honours must consult with the honours coordinator at the end of their second year. The honours course has two components, course-work and a thesis.

**Fourth year subjects**  
Japanese 4 H: advanced language

**40 credit points**

**20 credit points**

1 Asian Studies 4 TM: theory and method

#### Coursework

Students complete 60 credit points of course-work in their Honours year, comprising Asian Studies 4 TM (20 CPs.) and Japanese 4H (40 CPs.)

#### Thesis

A 10,000 to 12,000-word minor thesis must be written on a subject agreed upon between the student and his/her supervisor. The thesis must be based on original research which extensively uses materials (primary and secondary texts and/or other forms of data) in the Japanese language.

#### Subject descriptions

The subjects described below are presented in alphabetical order within year level. The location of the full description of any subject can be determined by consulting the Index of subjects at the back of the *Handbook*.

#### JAPANESE 1 A-1: post-VCE Japanese 1 (15 CPs. Sem. I. Bu.) JA1A1

Dr Takako Asaoka

This subject consolidates and develops basic knowledge of Japanese. It is designed to build up the student's intermediate competence in speaking, reading and writing and brings the total number of characters learnt to approximately 230.

*Prerequisite:* VCE Japanese or coordinator's approval.

*Class requirements:* four 1-hour workshops.

*Assessment:* two 2-hour written tests (65%), one 10-minute oral and one 1-hour aural test (20%), class performance (5%), and weekly kanji quiz (10%).

#### Preliminary reading:

Makino, S. and Tsutsui, M. *A dictionary of basic Japanese grammar*, The Japan Times 1986.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1997.

*Progressive Japanese English dictionary*, Shogakukan 1986.

#### Prescribed reading:

Tsukuba Language Group, *Situational functional Japanese*, Vol 2: Notes, Tokyo, Bonjinsha 1991.

Tsukuba Language Group, *Situational functional Japanese*, Vol 2: Drills, Tokyo, Bonjinsha 1991.

Kano, C. et al. *Basic Kanji book*, vol. 2, Bonjinsha 1995.

#### JAPANESE 1 A-2: post-VCE Japanese 2 (15 CPs. Sem. II. Bu.) JA1A2

Dr Takako Asaoka

This subject consolidates and develops basic knowledge of Japanese. It is designed to build up the students intermediate competence in speaking, reading and writing. Building on the knowledge gained in Japanese 1 A-1, this subject brings the total number of characters learnt to approximately 450.

*Prerequisite:* JA1A1 or coordinator's approval.

*Class requirements:* four 1-hour workshops.

*Assessment:* two 2-hour written tests (65%), one 10-minute oral and one 1-hour aural test (20%), class performance (5%), and weekly kanji quiz (10%).

#### Preliminary reading:

Makino, S. and Tsutsui, M. *A dictionary of basic Japanese grammar*, The Japan Times 1986.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1997.

*Progressive Japanese English dictionary*, Shogakukan 1986.

#### Prescribed reading:

Tsukuba Language Group, *Situational functional Japanese*, Vols 2 and 3: Notes, Tokyo, Bonjinsha 1991.

Tsukuba Language Group, *Situational functional Japanese*, Vols 2 and 3: Drills, Tokyo, Bonjinsha 1991.

Kano, C. et al. *Basic Kanji book*, vol. 2, Bonjinsha 1995.

#### JAPANESE 1 A-3: post-VCE Japanese (15 CPs. Sem. I. Bu.) JA1A3

Dr Raj Pandey

This subject gives students a broad understanding of the major themes in Japanese history, religion and culture from ancient to

modern times. Students will also watch and discuss videos and films which will complement the lectures on Japanese history and culture. The workshop will be devoted to developing basic communicative competence in Japanese by practising conversations that would take place in real-life contexts.

*Co-requisite:* JA1A-1.

*Class Requirement:* one 2-hour lecture and one 1-hour workshop per week.

*Assessment:* two 1-hour written tests (50%), one speaking test (30%), weekly 5-minute quiz (10%), and class performance (10%).

#### JAPANESE 1 B-1: beginning Japanese 1 (15 CPs. Sem. I. Bu.) JA1B1

Ms Lidia Tanaka

This is an introductory level language subject focusing on contemporary spoken and written Japanese. The subject provides students with the ability to communicate in Japanese in various situations that they can encounter in Australia and Japan and to read and write at an elementary level. The hiragana and katakana syllabic scripts are taught, along with approximately 35 kanji characters.

*Class requirements:* four 1-hour workshops per week.

*Assessment:* two 2-hour written tests (50%), one 10-minute oral and one 1-hour aural test (20%), class performance (5%), and a quiz (25%).

#### Prescribed reading:

*Situational functional Japanese*, Vol. 1 (notes and drills) Bonjinsha.

*Japanese IB reading/writing Part 1*, La Trobe University.

*Japanese IB reading/writing Part 2*, La Trobe University.

#### JAPANESE 1 B-2: beginning Japanese 2 (15 CPs. Sem. II. Bu.)

JA1B2 Ms Lidia Tanaka

This introductory level language subject focuses on contemporary spoken and written Japanese. The subject provides students with the ability to communicate in Japanese in various situations that they can encounter in Australia and Japan and to read and write at an elementary level. Building on the knowledge gained in Japanese 1 B-1, this subject brings the total number of kanji learnt to approximately 100.

*Prerequisite:* JA1B1 or coordinator's approval.

*Class requirements:* four 1-hour workshops per week.

*Assessment:* two 2-hour written tests (50%), one 10-minute oral and one 1-hour aural test (20%), class performance (5%), and a quiz (25%).

#### Prescribed reading:

*Situational functional Japanese*, Vol. 1 (notes and drills) Bonjinsha.

*Japanese IB reading/writing Part 2*, La Trobe University.

#### JAPANESE 1 B-3: beginning Japanese 3 (15 CPs. Sem. I. Bu.) JA1B3

Dr Raj Pandey

This subject gives students a broad understanding of the major themes in Japanese history, religion and culture from ancient to modern times. Students will also watch and discuss videos and films which will complement the lectures on Japanese history and culture. The workshop will be devoted to developing basic communicative competence in Japanese by practising conversations that would take place in real-life contexts.

*Co-requisite:* JA1B-1.

*Class Requirement:* one 2-hour lecture and one 1-hour workshop per week.

*Assessment:* two 1-hour written tests (50%), one speaking test (30%), weekly 5-minute quiz (10%), and class performance (10%).

#### Preliminary reading:

Reischauer, E. O. and Jansen, M. *The Japanese today: change and continuity*. Harvard University Press, 1995.

#### JAPANESE 2 A-1: second-year post-VCE Japanese 1 (15 CPs. Sem. I. Bu.) JA2A1

Dr Kaori Okano

This subject consolidates the knowledge of Japanese acquired by students at the intermediate level and develops it to an advanced level. The total number of characters studied by the end of the course is approximately 600. The subject includes further study of grammar, the reading, writing and translation of advanced Japanese prose, and a further development of conversation skills.

*Prerequisite:* a C grade in JA1A2, or coordinator's approval.

*Incompatible subject:* JA3B1.

*Class requirements:* four 1-hour workshops per week.

*Assessment:* two 2-hour written examinations (65%), one 10-minutes oral and one 1-hour aural test (25%), and workshop performance (10%).

#### Prescribed reading:

Higurashi, Y. *Current Japanese: inter-cultural communication*, Tokyo, Bonjinsha, 1987.

*Japanese 2 A/3 B reading/translation text*, School of Asian Studies, La Trobe University.

**JAPANESE 2 A-2: second-year post-VCE Japanese 2 (15 CPs. Sem. II. Bu.) JA2A2 Dr Kaori Okano**

This subject consolidates the knowledge of Japanese acquired by students at the intermediate level and develops it to an advanced level. The total number of characters studied by the end of the course is approximately 900. The subject includes further study of grammar, the reading, writing and translation of advanced Japanese prose, and a further development of conversation skills.

**Prerequisite:** JA2A1, or coordinator's approval.

**Incompatible subject:** JA3B2.

**Class requirements:** four 1-hour workshops per week.

**Assessment:** two 2-hour written examinations (65%), one 10-minute oral and one 1-hour aural test (25%), and workshop performance (10%).

**Prescribed reading:**

Higurashi, Y. *Current Japanese: inter-cultural communication*, Tokyo, Bonjinsha, 1987.

*Japanese 2 A/3 B reading/translation text*, School of Asian Studies, La Trobe University.

**JAPANESE 2 B-1: intermediate Japanese 1 (15 CPs. Sem. I. Bu.)**

**JA2B1 Dr Raj Pandey**

This subject aims at consolidating and developing basic knowledge of Japanese acquired at the first-year level. It is designed to build-up the students intermediate competence in speaking, reading and writing. Building on the knowledge gained in Japanese 1 B-2, this subject brings the total number of characters learnt to approximately 230.

**Prerequisite:** a C grade in JA1B2 or coordinator's approval.

**Incompatible subject:** JA1A1.

**Class requirements:** four 1-hour workshops per week.

**Assessment:** two 2-hour written tests (65%), one 10-minute oral and one 1-hour aural test (20%), class performance (5%), and weekly kanji test (10%).

**Preliminary reading:**

Makino, S. and Tsutsui, M. *A dictionary of basic Japanese grammar*, The Japan Times 1986.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1985.

*Progressive Japanese-English dictionary*, Shogakukan 1986.

**Prescribed reading:**

Kano, C. et. al *Basic Kanji book*, vol. 2, Bonjinsha 1995.

Tsukuba Language Group, *Situational functional Japanese*, Vol. 2: *Notes*, Bonjinsha 1991.

Tsukuba Language Group, *Situational functional Japanese*, Vol. 2: *Drills*, Bonjinsha 1991.

**JAPANESE 2 B-2: intermediate Japanese 2 (15 CPs. Sem. II. Bu.)**

**JA2B2 Dr Raj Pandey**

This subject consolidates and develops the basic knowledge of Japanese acquired at the first year level. It builds-up the students intermediate competence in speaking, reading and writing. Building on the knowledge gained in Japanese 2 B-1, this subject brings the total number of characters learnt to approximately 450.

**Prerequisite:** a C grade in JA2B1 or coordinator's approval.

**Incompatible subject:** JA1A2.

**Class requirements:** four 1-hour workshops per week.

**Assessment:** two 2-hour written tests (65%), one 10-minute oral and one 1-hour aural test (20%), class performance (5%), and weekly kanji tests (10%).

**Preliminary reading:**

Makino, S. and Tsutsui, M. *A dictionary of basic Japanese grammar*, The Japan Times 1986.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1985.

*Progressive Japanese-English dictionary*, Shogakukan 1986.

**Prescribed reading:**

Kano, C. et. al *Basic Kanji book*, vol. 2, Bonjinsha 1995.

Tsukuba Language Group, *Situational functional Japanese*, Vols. 2 and 3: *Notes*, Bonjinsha 1991.

Tsukuba Language Group, *Situational functional Japanese*, Vols. 2 and 3: *Drills*, Bonjinsha 1991.

**JAPANESE 2 EUJ: education and inequality in Japan (20 CPs. Sem. II. Bu.) JA2EUJ Dr Kaori Okano**

This subject explores Japanese education and its relationship to the contemporary society. After reviewing the development of schooling from the Meiji period, the subject studies, at micro-interaction level, the process by which children from varying social groups are enculturated and prepared for the adult world, the differing benefits that they tend to obtain from schooling and discusses how such processes contribute to maintaining and/or modifying the existing inequality at a macro-structural level. Schooling will also be examined as an agent of cultural transmission.

**Prerequisite:** completion of first year degree requirement.

**Class requirements:** one 2-hour lecture and one 1-hour workshop/tutorial per week.

**Assessment:** one 3,000-word essay (45%), one 2-hour examination (40%), and tutorial performance (15%).

**Recommended reading**

Lynn, R. *Educational achievement in Japan*, Macmillan 1988.

Okano, K. and Tsuchiya, M. *Education in contemporary Japan: Inequality, diversity and unity in a changing society*, Cambridge University Press (1999).

Rohlen, T. *Japan's high schools*, University of California Press 1983.

**JAPANESE 2RCA: reading course A (20 CPs. Sem. I. Bu.) JA2RCA Dr Kaori Okano**

This is a lower intermediate subject in Japanese in which students are expected to read, translate and critically analyse a range of representative writings in Japanese. These include short stories, newspaper articles and readings in Japanese history, sociology and politics.

**Prerequisite(s):** JA1B or JA1A, or co-ordinator's approval.

**Class requirements:** one 3-hour workshop per week.

**Assessment:** two 2-hour written examinations (85%) and workshop participation (15%).

**Preliminary reading:**

Makino, S. and Tsutsui, M. *A dictionary of basic Japanese grammar*, The Japan Times 1986.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1997.

*Progressive Japanese-English dictionary*, Shogakukan 1986.

**JAPANESE 2 RCB: reading and writing course (10 CPs. Sem. II. Bu.)**

**JA2RCB Dr Takako Asaoka**

This subject further develops students' language competence in reading and writing Japanese. Particular emphasis will be placed on writing personal and analytical essays in Japanese and in reading essays and articles on Japanese society and culture.

**Class Requirement:** one 2-hour workshop per week.

**Assessment:** one 1-hour written test (40%), one 1,000-word assignment (40%), one class presentation (10%), and class performance (10%).

**Prescribed reading:**

*Japanese 2RCB reading text*, La Trobe University.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1985.

*Progressive Japanese-English dictionary*, Shogakukan, 1986.

**JAPANESE 3 A-1: third-year post-VCE Japanese 1 (15 CPs. Sem. I. Bu.) JA3A1 Dr Takako Asaoka**

This subject further develops students language competence and offers an introduction to modern Japanese society and culture through reading selections from novels, short stories, essays and newspapers. Building on previous knowledge, this subject brings the total number of characters studied to approximately 1,300.

**Prerequisite:** a C grade in JA2A2/JA3B2 or coordinator's approval.

**Class requirements:** four 1-hour workshops per week.

**Assessment:** two 2-hour written tests (50%), two assignments (10% each), one 10-minute oral and one 1-hour aural tests (20%), and class performance (10%).

**Prescribed reading:**

Higurashi, Y. *Current Japanese*, Bonjinsha 1987.

*Japanese 3 A reading materials*, School of Asian Studies, La Trobe University.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1985.

*Progressive Japanese-English dictionary*, Shogakukan 1986.

**JAPANESE 3 A-2: third-year post-VCE Japanese 2 (15 CPs. Sem. II. Bu.) JA3A2 Dr Takako Asaoka**

This subject further develops the students language competence and to offer an introduction to modern Japanese society and culture through reading selections from novels, short stories, essays and newspapers. Building on previous knowledge, this subject brings the total number of characters studied to approximately 1,800.

**Prerequisite:** JA3A1.

**Class requirements:** four 1-hour workshops per week.

**Assessment:** two 2-hour written tests (50%), one assignment (20%), one 10-minute oral and one 1-hour aural tests (20%), and class performance (10%).

**Prescribed reading:**

Higurashi, Y. *Current Japanese*, Tokyo, Bonjinsha 1987.

*Japanese 3 A reading materials*, School of Asian Studies, La Trobe University.

Nelson, A. N. *Japanese-English character dictionary*, Tuttle 1985.

*Progressive Japanese-English dictionary*, Shogakukan 1986.

**JAPANESE 3 B-1: upper intermediate Japanese 1 (15 CPs. Sem. I. Bu.) JA3B1 Dr Kaori Okano**

This subject consolidates the knowledge of Japanese acquired by students at the intermediate level and develops it to an advanced level. The total number of characters studied by the end of the subject is approximately 600. The subject includes the reading, writing and translation of advanced Japanese prose, lectures on Japanese culture and society and a further development of conversation skills.

**Prerequisite:** a C-grade in JA2B2, or coordinator's approval.

**Incompatible subject:** JA2A1.

**Class requirements:** four 1-hour workshops per week.

**Assessment:** two 2-hour written examinations (65%), one 10-minute oral and one 1-hour aural test (25%), and workshop performance (10%).

**Prescribed reading:**

Higurashi, Y. *Current Japanese: inter-cultural communication*, Tokyo, Bonjinsha, 1987.

*Japanese 2A/3B reading/translation text*, School of Asian Studies, La Trobe University.

**JAPANESE 3 B-2: upper intermediate Japanese 2 (15 CPs. Sem. II. Bu.) JA3B2 Dr Kaori Okano**

This subject consolidates the knowledge of Japanese acquired by students at the intermediate level and develops it to an advanced level. The total number of characters studied by the end of the subject is approximately 900. The subject includes the reading, writing and translation of advanced Japanese prose, and a further development of conversation skills.

**Prerequisite:** JA3B1 or the coordinator's approval.

**Incompatible subject:** JA2A2.

**Class requirements:** four 1-hour workshops per week.

**Assessment:** two 2-hour written examinations (65%), one 10-minute oral and one 1-hour aural test (25%), and workshop performance (10%).

**Prescribed reading:**

Higurashi, Y. *Current Japanese: inter-cultural communication*, Tokyo, Bonjinsha, 1987.

*Japanese 2A/3B reading/translation text*, School of Asian Studies, La Trobe University.

**JAPANESE 3 EIJ: education and inequality in Japan (20 CPs. Sem. II. Bu.) JA3EIJ Dr Kaori Okano**

*See Japanese 2 EIJ for full subject description.*

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**JAPANESE 3 RCA: reading course (20 CPs. Sem. 1. Bu.) JA3RCA Dr Raj Pandey**

This is an advanced course in Japanese in which students are expected to read, translate and critically analyse a range of representative writings in Japanese literature, newspaper articles, readings in Japanese history, sociology, politics, etc.

**Class requirements:** one 3-hour workshop per week.

**Assessment:** one 2-hour written test (35%), two translation assignments (25% each) and workshop participation (15%).

**Prescribed reading:**

*Japanese 3RC-A reading/translation text*, La Trobe University.

**JAPANESE 3 RCB: reading and writing course (10 CPs. Sem. II. Bu.) JA3RCB Dr Kaori Okano**

This is an advanced course in Japanese in which students will develop reading and writing skills. The subject will focus on formal writing, including letter-writing and analytical essays in the areas of history, sociology, politics and culture, as well as more informal styles.

**Class requirements:** one 2-hour workshop per week.

**Assessment:** one 1,000-word written assignment (40%), one 1-hour test (40%), one class presentation (10%), and workshop participation (10%).

**JAPANESE 4 H: advanced language (40 CPs. All year. Bu.) JA4H Dr Raj Pandey and Dr Kaori Okano**

This subject develops competence in reading, analysing and discussing a variety of primary and secondary texts (written in Japanese) on Japanese history, society and culture. Students read novels, essays, newspaper selections and scholarly writings in a range of disciplines, with a view to developing their professional and academic interests.

**Prerequisite:** a B-grade average in Japanese subjects for honours students. Other students may be admitted at the discretion of the coordinator.

**Class requirements:** two 2-hour workshops per week.

**Assessment:** one 1,000-word assignment (10%), two 2,500-word assignments (20% each) two 2-hour examinations (40%), and workshop participation (10%).

**Latin Mr Antonio Pagliaro (Italian)**

Latin is basic to the evolution of Romance languages and to the development of linguistic theories about grammar. Many disciplines, especially for research purposes, may require a reading knowledge of Latin. It is often necessary in art history, European history, music and religious studies to be able to read documents, inscriptions and so on in Latin.

The aim of this discipline is to provide a grammatical introduction to the classical language and to develop reading skills in a wide variety of texts, from the classical through to the Renaissance periods.

Presently only first year Latin is available, taught co-operatively by staff from Italian and Arts and Media.

**First year subjects****15 credit points****Sem.**

1 Latin 1-1

2 Latin 1-2

**Subject descriptions****LATIN 1-1 (15 CPs. Sem. I. Bu.) LT11 Mr Antonio Pagliaro**

This is an introduction to Latin grammar and the techniques required to learn to read Latin texts. It is designed to prepare students to read literary texts and historical documents in Latin and to introduce them to a language and civilisation basic to Europe.

**Class requirements:** two 1-hour language classes and two 1-hour tutorials.

**Assessment:** one 2-hour test (36%), weekly written exercises (40%), and two 15-minute class tests (24%).

**Recommended reading:**

Grant, M. *The founders of the western world; a history of Greece and Rome*, Scribner, Maxwell Macmillan International 1991.

**Prescribed reading:**

Kennedy, B. H. *The revised Latin primer*, Longman 1960 (or any reprinting).

Further material will be supplied in photocopy.

**LATIN 1-2 (15 CPs. Sem. II. Bu.) LT12 Mr Antonio Pagliaro**

Students build on the knowledge acquired in Latin 1-1 and continue their reading of literary texts and historical documents in Latin.

**Prerequisite:** Latin 1-1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour test (36%), weekly written exercises (40%), and two 15-minute class tests (24%).

**Recommended reading:**

Grant, M. *The founders of the western world; a history of Greece and Rome*, Scribner, Maxwell Macmillan International 1991.

**Prescribed reading:**

Kennedy, B. H. *The revised Latin primer*, Longman 1960 (or any reprinting).

Further material will be supplied in photocopy.

**Latin American Studies Dr Stephen Niblo**

To qualify for a degree by taking a major in the study area of Latin American studies, students must complete 150 credit points from the subjects below, including 30 credit points at first year, 40 credit points at second year and 80 credit points at third year levels. Twenty credit points in Spanish or Portuguese must be included, but no more than one of the marked language subjects may be counted towards the major.

This area of studies also offers the subject Latin American Studies 2 AC/3 AC which may be taken towards the major. The full description of this subject is listed at the end of this section.

**Important notice**

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

**Programs of study****First year subjects****15 credit points**

History 1 AMI: the conquest of the Americas: Aztecs, Incas, Mayans and Spaniards

History 1 MW: making of the modern world: Europe, Africa and the Americas

Spanish 1 A-1: advanced stream 1

Spanish 1 A-2: advanced stream 2

Spanish 1 B-1: beginners stream 1

Spanish 1 B-2: beginners stream 2  
Spanish 1 C-1: intermediate stream 1  
Spanish 1 C-2: intermediate stream 2

**Second year subjects** **20 credit points**

Spanish 2 A-1: advanced stream 1  
Spanish 2 A-2: advanced stream 2  
Spanish 2 B-1: beginners stream 1  
Spanish 2 B-2: beginners stream 2  
Spanish 2 C-1: intermediate stream 1  
Spanish 2 C-2: intermediate stream 2

**Second or third year subjects** **20 credit points**

History 2 AMP/3 AMP: ancient and medieval Portugal  
History 2 COA/3 COA: the cold war  
History 2 COB/3 COB: the cold war and Latin America  
History 2 DUA/3 DUA: the agrarian problem in Latin America  
History 2 DUB/3 DUB: the quest for modernisation in Latin America  
History 2 GH/3 GH: genocides and holocausts: Nazi Europe, Guatemala and Rwanda  
History 2 PAB/3 PAB: Portugal and the Portuguese empire in Asia, Africa and Brazil, 1500-1800  
History 2 PSA/3 PSA: peasants and politics in Latin America  
History 2 PSB/3 PSB: peasants and revolution in Central America 1950 - 1998  
History 2 TCM/3 TCM: twentieth century Mexico  
Latin American Studies 2 AC/3 AC: Atlantic crossings: African cultural legacy in the Caribbean and Latin America  
Portuguese 2 P-1/3 P-1: introductory Portuguese 1  
Portuguese 2 P-2/3 P-2: introductory Portuguese 2  
Portuguese 2 PA-1/3 PA-1: advanced Portuguese 1  
Portuguese 2 PA-2/3 PA-2: advanced Portuguese 2  
Sociology 2 CL/3 CL: social change in Latin America  
Sociology 2 TD/3 TD: development, culture and society  
Spanish 2 LAC/3 LAC: Latin American context  
Spanish 2 LI/3 LI: Spanish linguistics  
Spanish 2 MRB/3 MRB: magical realism and beyond: the Latin American novel in translation  
Spanish 2 SAP/3 SAP: Spanish study abroad  
Spanish 2 SC/3 SC: Spanish context

**15 credit points**

Economic Development 2/3

**Third year subjects** **20 credit points**

Spanish 3 B-1: beginners stream 1  
Spanish 3 B-2: beginners stream 2

**Third or fourth year subject** **20 credit points**

Spanish 3 AL/4 AL: advanced language  
Spanish 3 CW/4 CW: contemporary Spanish women writers  
Spanish 3 LAB/4 LAB: Latin American literature  
Spanish 3 LL/4 LL: Latin American literature  
Spanish 3 SD/4 SD: Spanish dialectology  
Spanish 3 TSL/4 TSL: twentieth century Spanish literature

**Important notice**

Only 40 credit points in language may be counted towards the major.

**Subject descriptions**

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

**LATIN AMERICAN STUDIES 2 AC: Atlantic crossings: African cultural legacy in the Caribbean and Latin America (20 CPs. Sem. II. Bu.)**

**LAS2AC** Dr Alan N Baxter

In this subject students will study three components which examine various aspects of African cultural influence in the Caribbean and Brazil. The first component deals with Voodoo, in Haiti, as a syncretic Catholic-African religious system and considers aspects of its social, historical and biological basis. The second component is concerned with the cultural legacy of the Brazilian slave trade and examines facets of Candomblé (a syncretic Catholic-African religious system) Afro-Brazilian carnival groups and the emergent black civil-rights movement. In the final component of the subject, students study the representation of Afro-Brazilian culture in urban and frontier contexts in the novels of Jorge Amado.

*Prerequisite:* 40 credit points of first year arts, or permission of the subject coordinator.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* two 2,500-word essays (35% each) and three 30-minute tests (10% each)

**Prescribed reading:**

Amado, J. *Tent of miracles*. Knopf 1971.

Showdown. Knopf New York 1988.

Bastide, R., *The African religions of Brazil: toward a sociology of the interpenetration of civilizations*, The John Hopkins University Press 1978.

Davis, W. *The serpent and the rainbow*, Simon and Schuster 1985.  
Marotti, G., *Black characters in the Brazilian novel*, UCLA Press 1982.

**LATIN AMERICAN STUDIES 3 AC: Atlantic crossings: African cultural legacy in the Caribbean and Latin America (20 CPs. Sem. II. Bu.)**

**LAS3AC** Dr Alan N Baxter

See Latin American Studies 2 AC for full subject description.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**Linguistics** Dr. David Bradley & Dr. Kate Burridge

Linguistics, broadly defined, is the analytical study of language. It is concerned with human language in general, as well as with the structure of individual languages. As a discipline, it examines the design of language, how language relates to thought, how it functions in society, how it develops and changes, and how it is acquired and learned.

The main branches of study include: applied (the application of linguistics to other domains such as teaching) historical (the study of language change) morphology (the study of word formation) phonetics (the study of sounds) phonology (the study of sound systems and syllable structure) psycholinguistic issues (the study of child language acquisition and processing) semantics (the study of meaning) sociolinguistics (the study of social differences) and syntax (the study of sentence formation).

The Department of Linguistics emphasises basic techniques of description and analysis, theoretical linguistics and applications of linguistics. The staff have expertise in a wide range of language areas. These include:

- Australian Aboriginal languages
- English, including Australian and other varieties of English
- European languages
- the languages of East and South East Asia

Linguistic theory is of interest to students of languages, archaeology, history, cognitive science, computer science, English, philosophy, politics, psychology, anthropology, women's studies and sociology. A knowledge of linguistics is particularly useful for students interested in foreign and native language teaching. To study linguistics no second language is necessary, but monolingual students are strongly encouraged to take a language subject concurrent with their study of Linguistics. The department welcomes part-time students and offers lectures and tutorials after 5 pm in both first year and second/third year levels in each semester.

**Programs of study**

To qualify for a major in linguistics, a student must take 150 credit points in the discipline of which 80 credit points must be at third year level. The 150 credit points must normally include Linguistics 1 NL-A, 1 NL-B, 2 PT/3 PT, 2 PL/3 PL, 2 SY/3 SY and 2 SE/3 SE. In linguistics, all first year subjects are valued at 15 credit points, and second/third year subjects are valued at 20 credit points for Humanities students. The third year version of a subject involves a more demanding set of exercises and essay topics.

Students who wish to satisfy the degree requirements by taking two sequences, one of which is in linguistics, are required to take 110 credit points in linguistics. These must include Linguistics 1 NL-A and at least 40 credit points at third year level.

Students who are qualifying for a degree with a major in Aboriginal studies, Ancient Greek, archaeology, Asian studies, Australian studies, Chinese, cognitive science, computer science, French, Indonesian/Malay, Italian studies, Japanese, logic, philosophy, Romance languages, sociology, Spanish or women's studies, should note that some linguistics subjects may be credited to such majors.

Linguistics 1 NL-A serves as a prerequisite for most linguistics subjects. Students who would find a knowledge of English grammar of use in careers such as teaching, should consider taking Linguistics 1 NL-A, 1 ET and 2 EL/3 EL.

**First year subjects** **15 credit points**

- Sem.**
- 1 Linguistics 1 ET: English today
  - 1 Linguistics 1 NL-A: the nature of language A <sup>3</sup>
  - 2 Linguistics 1 LS: language in society
  - 2 Linguistics 1 NL-B: the nature of language B <sup>3</sup>

**Second or third year subjects** **10 credit points**

- 1 Linguistics 2 IC/3 IC: intercultural communication
- 2 Linguistics 2 BB/3 BB: the bilingual mind
- 2 Linguistics 2 EC/3 EC: ethnography of communication



## 2 Linguistics 2 CA/3 CA: communicating with Asia **15 credit points**

## **20 credit points**

- 1 Linguistics 2 AB/3 AB: Aboriginal languages
- 1 Linguistics 2 CC/3 CC: crosscultural communication
- 1 Linguistics 2 EL/3 EL: the English language<sup>1</sup>
- 1 Linguistics 2 LCI/3 LCI: language and culture in Indonesia and the Pacific<sup>1</sup>
- 1 Linguistics 2 PT/3 PT: phonetics<sup>3</sup>
- 1 Linguistics 2 SE/3 SE: semantics<sup>3</sup>
- 2 Linguistics 2 BL/3 BL: bilingualism and second language acquisition
- 2 Linguistics 2 HL/3 HL: historical linguistics
- 2 Linguistics 2 LCC/3 LCC: language and culture in China
- 2 Linguistics 2 LSA/3 LSA: language in society (Asia)
- 2 Linguistics 2 PL/3 PL: phonology<sup>3</sup>
- 2 Linguistics 2 SY/3 SY: syntax<sup>3</sup>

## **Third-year subjects 20 credit points**

- 1 Linguistics 3 LT: linguistic typology
- 1/2 Linguistics 3 RC: reading course<sup>2</sup>

Key: <sup>1</sup> Not available in 2000. <sup>2</sup> Special prerequisites. See the subject description. <sup>3</sup> Core subjects.

## **Other subjects approved for a major in Linguistics**

### **Important notice**

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

## **Second or third year subjects 20 credit points**

- English 2 MN/3 MN: medieval narrators and narratives
- English 2 NAR-1/3 NAR-1: narrative analysis
- Logic 2 LLC/3 LLC: logic, linguistics and computation
- Spanish 3 SD: Spanish dialectology

### **Honours**

The Department of Linguistics welcomes applications from suitably qualified students for honours and postgraduate study in linguistics. Students wishing to enter the fourth year honours course in linguistics should normally have completed at least a 150 credit point major with a minimum B-grade average. Students who have not fulfilled this requirement should see the honours year coordinator.

The Linguistics 4 program consists of course-work and a thesis of 10,000 to 15,000-words. Honours students must complete three course-work components, one of which must be either Linguistics 4 SY, Linguistics 4PL or Linguistics 4 SE. The Linguistics 4 coordinator arranges the timetable. Each component has three hours of class time per week. Not all honours components are available every year. A leaflet giving details of the honours program is available from the Department of Linguistics.

## **Fourth-year subjects 20 credit points Sem.**

- 1 Linguistics 4 CI: current issues in linguistics
- 1 Linguistics 4 HL: advanced historical linguistics<sup>1</sup>
- 1 Linguistics 4 PL: advanced phonology<sup>1</sup>
- 1 Linguistics 4 RM: research methods in applied linguistics
- 1 Linguistics 4 SE: advanced semantics
- 1 Linguistics 4 SL: advanced sociolinguistics<sup>1</sup>
- 1 Linguistics 4 SY: advanced syntax
- 1/2 Linguistics 4 RC: reading course<sup>2</sup>

Key: <sup>1</sup> Not available in 2000. <sup>2</sup> Special prerequisites. See the subject description.

### **Subject descriptions**

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

## **LINGUISTICS 1 ET: English today (15 CPs. Sem. I. Bu.) LI1ET Dr Kate Burridge**

Students study contemporary English in its written and spoken varieties, including British, American, Asian and Australian English. They look at the effect of globalisation (the effect of the 'global village') especially as regards current advances in communications technology such as e-mail and the World Wide Web. The written language component considers the composition of texts of various types, how information flow is controlled and how a text coheres. There is also discussion on the conflicting demands of prescriptive grammar and usage, and guidance in the use of style manuals and dictionaries. With respect to the spoken language, social and geographical varieties and of a repertoire of different registers or styles are discussed.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** three exercises (60%), one 2-hour test (30%), and tutorial participation (10%).

### **Prescribed reading:**

Burridge, K. and Mulder, J. *English in Australian and New Zealand: an introduction to its structure, history and use*, OUP 1997.  
Crystal, D. *English as a global language*, CUP 1997.

## **LINGUISTICS 1 LS: language in society (15 CPs. Sem. II. Bu.) LI1LS Dr Hilary Chappell**

Students study the nature and function of speech variation within communities; social, ethnic and gender differences; non-standard speech forms and their social functions; bilingualism and language contact; language shift and language death.

**Incompatible subject:** LI1SL/LI2SL.

**Prerequisite:** any linguistics subject or coordinator's approval.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one assignment (20%), one 1,500-word essay (30%), one 2-hour final test (30%), and tutorial performance (20%).

### **Prescribed reading:**

Wardhaugh, R. *An introduction to sociolinguistics*, 3rd edn, Blackwell 1997.

## **LINGUISTICS 1 NL-A: the nature of language A (15 CPs. Sem. I. Bu.) LI1NLA Professor Barry Blake**

This subject introduces students to all aspects of human language. It discusses universal features of all human languages as well as language learning, the social nature of language and the history of language change. This subject will be particularly useful for students who are learning another language and is also suitable for students who wish to develop a fuller understanding of the structure of English.

**Incompatible subject:** LI1IL / LI2IL, LI1NLB / LI2NLB (1997-1999) **Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** three exercises (2,000-words equivalent) (60%), one 2-hour test (30%), and tutorial performance (10%).

### **Prescribed reading:**

Fromkin, V., Collins, P. and Blair, D. *An introduction to language*, (4th Australian edn.) Harcourt Brace 1999.

## **LINGUISTICS 1 NL-B: the nature of language B (15 CPs. Sem. II. Bu.) LI1NLB Dr Bee Chin Ng**

This subject continues the introduction to the nature of language commenced in Linguistics 1 NLA, but may be studied independently of that subject. The first part covers universal features in human language. Topics include the study of meaning, language acquisition, language and the brain, and the relationship between language and reality. The subject then moves to concepts used in the description of word structure and sentence structure. The analytic skills acquired in this subject are then used to explore different uses / styles of a particular language (e.g. English) as well as fundamental similarities and differences among languages from all over the globe.

**Incompatible subject:** LI2DL, LI1ST/LI2ST, LI1GR/LI2GR, LI1NLA/LI2NLA (1997-1999) LI1HCA (1999) LI1IL/LI2IL (prior to 1997) **Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** three exercises (2,000-words equivalent) (60%), one 2-hour test (30%), and tutorial performance (10%).

### **Prescribed reading:**

Fromkin, V., Collins, P. and Blair, D. *An introduction to language*, (4th Australian edn.) Harcourt Brace 1999.

## **LINGUISTICS 2 AB: Aboriginal languages (20 CPs. Sem. I. Bu.) LI2AB Professor Barry Blake**

This subject introduces students to Australian Aboriginal languages in their traditional and contemporary context. Topics include phonology, morphology, syntax and semantics, as well as attempts to trace historical relationships between languages. Some lectures will cover the languages of Victoria and language revival programs.

**Prerequisite:** LI1NL-A/2NL-A /1NL-B/2NL-B or coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour lecture per week.  
**Assessment:** five assignments, some descriptive, some analytical (5,000-words equivalent) (20% each).

## **LINGUISTICS 2 BB: the bilingual mind (10 CPs. Sem. II. Bu.) LI2BB Dr Bee Chin Ng**

Do bilinguals "think" in two different ways? Do bilinguals process information differently from monolinguals? Does learning a second language worsen a stuttering condition? In this subject students are primarily introduced to issues surrounding the experience of living



with two languages. Topics covered are relevant to those who are thinking of a career which involves contact with bilinguals and language teaching. Students will be acquainted with issues such as bilingual language acquisition, cognitive and socio-cultural effects of bilingualism, bilingual literacy skills, bilingual linguistic memory, bilingualism in special population, and bilingual education. Students will also explore influences on the process of second language acquisition, such as the effects of first language, the age of acquisition, motivation, types of input received, etc.

*Incompatible subject:* LI2BL/LI3BL.

*Class requirements:* two 1-hour lectures per week.

*Assessment:* one 2-hour test (60%), and one 1,000-word article review (40%).

**Prescribed reading:**

Hoffmann, C. *An introduction to bilingualism*, Longman, 1991.

**LINGUISTICS 2 BL: bilingualism and second language acquisition (20 CPs. Sem. II. Bu.) LI2BL Dr Bee Chin Ng**

This subject is primarily concerned with the exploration of issues surrounding the experience of living with two languages. Topics covered are relevant to those who are thinking of a career in language teaching. There are two components to the course, bilingualism and second language acquisition. The lectures on bilingualism introduce students to research on individuals who grow up with two languages. Topics covered include cognitive and sociocultural effects of bilingualism, bilingual reading skills, bilingual linguistic memory and bilingual education. In the second component (second language acquisition) students investigate some of the factors which are reported to have an influence on the process of second language acquisition, such as the effects of first language, age of acquisition, motivation, types of instruction, types of input received, etc. Throughout the course there is a focus on research methodology and students are encouraged to learn basic applied linguistics research skills.

*Incompatible subject:* LI2BBL/LI3BB.

*Prerequisite:* any linguistics subject or coordinator's approval.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* research assignment (45%), article review (15%), a test (30%), and tutorial performance (10%).

**Prescribed reading:**

Hoffmann, C. *An introduction to bilingualism*, London, Longman 1991.

Larsen-Freeman, D. and Long, M., *An introduction to second language acquisition research*, Longman 1991.

**LINGUISTICS 2 CA: communicating with Asia (15 CPs. Sem. II. Bu.) LI2CA Dr Hilary Chappell**

Asia is extremely different from Australia but also extremely diverse. This subject explains to students the practical aspects of sociolinguistic behaviour in various parts of Asia from an Australian perspective. Examples are drawn from Chinese, Japanese and south-east Asian societies. Topics include cultural aspects of linguistic behaviour – knowing what to say and when to say it, and developing cultural knowledge to facilitate successful communication. The subject is suitable for students with an interest in any kind of contact with Asia, including business and tourism, and for students working with Asians in Australia. This subject is intended for students outside the faculty of Humanities and Social Sciences.

*Incompatible subject:* LI2LSA/LI3LSA.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial.

*Assessment:* one practical assignment (30%), one essay (30%), and one 2-hour final test (40%).

**Recommended reading**

Bradley, D. and M. *Problems of Asian students in Australia: language, culture and education*. Australian Government Publishing Service, 1984.

**LINGUISTICS 2 CC: crosscultural communication (20 CPs. Sem. I. Bu.) LI2CC Dr Hilary Chappell**

This subject describes how key cultural values are embedded in language use, and the consequent problems in crosscultural communication that may arise. The study of different patterns of information sequencing in areas such as business negotiation and requests has shown that these often lead to negative stereotyping of the other culture. Areas such as non-verbal communication, key words, politeness, greetings, requests and attitudes to emotion are looked at across cultures to determine how these relate to greater cultural values of collectivism versus individualism or preserving social harmony versus open confrontation. Greater understanding of such inter-ethnic differences minimises crosscultural miscommunication, and strategies to deal with these differences are suggested. Cultures

studied include Anglo Australian and American, Aboriginal Australian, Native American as well as several Asian and European cultures. *Incompatible subject:* LI2IC/LI3IC.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one 1,000-word assignment (20%), one 1,500-word essay (30%), one 2-hour final test (30%), tutorial participation and presentation (20%).

**Recommended reading:**

Wierzbicka, A. *Crosscultural pragmatics*, Mouton de Gruyter 1991.

**LINGUISTICS 2 EC: ethnography of communication (10 CPs. Sem. II. Bu.) LI2EC Dr Hilary Chappell**

We take for granted that we know what to say and how to say it, but when people from different backgrounds interact, misunderstanding and communication breakdown are frequent. Ethnography of communication describes the nature and function of speech variation within communities; social, ethnic and gender differences, non-standard speech forms and their social functions. Bilingualism and language contact, language shift and language death are other topics discussed in this subject. It is therefore particularly suitable for students in Health Sciences degrees and others who wish to communicate with people from various cultural backgrounds.

*Incompatible subject:* LI1LS/LI2LS.

*Class requirements:* two 1-hour lectures per week.

*Assessment:* one 1,500-word essay (60%), one 2-hour final test (40%).

**Recommended reading**

Labov, W. and Fanshel, *Therapeutic discourse: psychotherapy as conversation*. Academic Press, 1977.

Wardhaugh, R. *An introduction to sociolinguistics*. 3rd edn, Blackwell, 1997

**LINGUISTICS 2 EL: the English language (20 CPs. Sem. I. Bu.) LI2EL**

*Professor Barry Blake*

*Not available in 2000.*

**LINGUISTICS 2 HL: historical linguistics (20 CPs. Sem. II. Bu.) LI2HL**

*Dr. David Bradley*

This subject looks at the what, how and why of change at all linguistic levels (lexical, semantic, phonological, grammatical). Examples are drawn from the history of a variety of languages: Germanic, Romance, Pacific and Asian. Part of the subject gives students practice in reconstructing lost stages of languages, using the internal and comparative methods of reconstructing.

*Prerequisite:* any first year linguistics subject or coordinator's approval.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* three short assignments (30%), major assignment (30%), test (30%), and class participation (10%).

**Prescribed reading:**

Aitchison, J. *Language change: progress or decay?* 2nd edn, Cambridge UP 1991.

Crowley, T. *An introduction to historical linguistics*, 2nd edn, OUP 1992.

**LINGUISTICS 2 IC: intercultural communication (10 CPs. Sem. I. Bu.) LI2IC Dr Hilary Chappell**

This subject analyses how key cultural values are embedded in language use, and the consequent problems in intercultural communication that may arise. The study of different patterns of information sequencing in areas such as business negotiation and requests has shown that these often lead to negative stereotyping of the other culture. Strategies are suggested to deal with these inter-ethnic differences and reference is made to several Asian and European cultures.

*Incompatible subject:* LI2CC/LI3CC.

*Class requirements:* one 2-hour lecture per week.

*Assessment:* one 1500-word essay (60%), and one 2-hour final test (40%).

**Prescribed reading:**

Wierzbicka, A. *Crosscultural pragmatics*. Mouton de Gruyter, 1991.

**LINGUISTICS 2 LCC: language and culture in China (20 CPs. Sem. II. Bu.) LI2LCC Dr Hilary Chappell**

An overview of the history and development of languages in China, including the writing system, provides the introduction to this new course on the typology of Chinese (or Sinitic) languages. The geographical distribution and diaspora of Chinese languages is also outlined including Yue or Cantonese dialects; Southern Min or Hokkien; Northern Chinese or Mandarin; Hakka; and Shanghainese, a Wu dialect. Very little research has been carried out on the grammar of Chinese languages, apart from Mandarin, which means that there is much to be learned about their syntactic make-up and vocabulary. A descriptive approach is used in the discussion of topics such as passive, causative and dative constructions; patient-marking

constructions; aspect systems and evidentiality; negation; complementizers and inalienable possession.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial.

**Assessment:** one practical assignment (30%), one 1500-word essay (30%), one 2-hour final test (30%), and tutorial participation (10%).

**Recommended reading:**

Norman, J. *Chinese*, Cambridge UP, 1988.

**LINGUISTICS 2 LCI: language and culture in Indonesia and the Pacific (20 CPs. Sem. I. Bu.) LI2LCI**

Not available in 2000.

**LINGUISTICS 2 LSA: language in society (Asia) (20 CPs. Sem. II. Bu.) LI2LSA Dr. David Bradley**

In this subject, the social aspects of language use in various Asian societies are investigated through systematic reading, data collection and analysis. There will be components of the subject on Chinese, Indonesian/Malay, Japanese and the languages of other Asian societies such as Laos, Cambodia, Thailand and the Philippines. Topics will include dialectology, speech levels, politeness, gender, ethnicity and language policy issues. This subject is relevant for students with an interest in sociolinguistics and/or an Asian language or Asian studies, and may be included within a major in Chinese, Indonesian/Malay, Japanese or Asian studies, as well as linguistics. **Prerequisite:** any first year linguistics subject or a first year Asian language or coordinator's approval.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** practical assignment (30%), one 1500-word essay (30%), one 2-hour final test (30%), tutorial participation (10%).

**Recommended reading:**

Bradley, D. and Bradley, M. *Problems of Asian Students in Australia*. Australian Government Publishing Service 1984.

Norman, J. *Chinese*, Cambridge University Press 1987.

**LINGUISTICS 2 PL: phonology (20 CPs. Sem. II. Bu.) LI2PL Professor Barry Blake**

This subject deals with phonemes, morphemes, and their variants. A variety of approaches is considered ranging from classical structuralist phonology through generative phonology to current theories of phonology. Practical problems from a wide range of languages are considered. **Prerequisite:** Linguistics 2PT/3PT or coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour lecture per week.

**Assessment:** five exercises (5,000-words equivalent) (20% each).

**Prescribed reading:**

Carr, P. *Phonology*, Macmillan 1993.

**LINGUISTICS 2 PT: phonetics (20 CPs. Sem. I. Bu.) LI2PT Dr Margaret Batterham**

This subject covers articulatory description and production of the full range of possible speech sounds, and includes a basic introduction to the acoustic analysis of speech.

**Prerequisite:** any first year linguistics subject or coordinator's approval.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** four assignments (70%), phonetic tests (15%), class participation and related short exercises (15%).

**Recommended reading:**

Fry, D. B. *The Physics of Speech*. Cambridge University Press 1979.

Lagefoged, P. *A course in phonetics*, 3rd edn, Harcourt Brace Jovanovich 1993.

**LINGUISTICS 2 SE: semantics (20 CPs. Sem. I. Bu.) LI2SE Dr Bee Chin Ng**

Semantics is concerned with the study of meaning, specifically how meaning is linguistically coded. The aim of this subject is to train students to think about the relationship between words/utterances and what they mean in a systematic way. Students will be introduced to different approaches and theories in semantics and a framework is provided in which students can carry out their own practical work in semantic analysis. Several frameworks such as componential analysis, prototype theory, speech act theory and Natural Semantic Metalanguage, are examined. Part of the lectures will explore the relationship between language and culture. In this section students will examine the cross-linguistic similarities and differences in the way we conceptualise the world.

**Prerequisite:** any first year linguistics subject or coordinator's approval.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** three minor exercises (25%), one, 2,000-word essay (35%), one 2-hour test (25%), and tutorial participation (15%).

**Recommended reading:**

Goddard, C. *Semantic analysis*. OUP 1998.

Saeed, John I., *Semantics* Blackwell 1997

**LINGUISTICS 2 SY: syntax (20 CPs. Sem. II. Bu.) LI2SY Dr Hilary Chappell**

In this subject, students are introduced to fundamental concepts which underlie syntactic theories based on functional and generative grammar. Students concentrate on what constitutes an adequate description of data within a particular theory, and on what aspects of a theory account more precisely for the data.

**Prerequisite:** Linguistics 1NLA/2NLA or equivalent.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** two assignments (50%), one test (30%), participation and tutorial work (20%).

**LINGUISTICS 3 AB: Aboriginal languages (20 CPs. Sem. I. Bu.) LI3AB Professor Barry Blake**

See *Linguistics 2AB* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 BB: the bilingual mind (10 CPs. Sem. II. Bu.) LI3BB Dr Bee Chin Ng**

See *Linguistics 2BB* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 BL: bilingualism and second language acquisition (20 CPs. Sem. II. Bu.) LI3BL Dr Bee Chin Ng**

See *Linguistics 2BL* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 CA: communicating with Asia (15 CPs. Sem. II. Bu.) LI3CA Dr Hilary Chappell**

See *Linguistics 2CA* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 CC: crosscultural communication (20 CPs. Sem. I. Bu.) LI3CC Dr Hilary Chappell**

See *Linguistics 2CC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 EC: ethnography of communication (10 CPs. Sem. II. Bu.) LI3EC Dr Hilary Chappell**

See *Linguistics 2EC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 EL: the English language (20 CPs. Sem. I. Bu.) LI3EL Professor Barry Blake**

Not available in 2000.

**LINGUISTICS 3 HL: historical linguistics (20 CPs. Sem. II. Bu.) LI3HL Dr. David Bradley**

See *Linguistics 2HL* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 IC: intercultural communication (10 CPs. Sem. I. Bu.) LI3IC Dr Hilary Chappell**

See *Linguistics 2IC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 LCI: language and culture in Indonesia and the Pacific (20 CPs. Sem. I. Bu.) LI3LCI**

Not available in 2000.

**LINGUISTICS 3 LCC: language and culture in China (20 CPs. Sem. II. Bu.) LI3LCC Dr Hilary Chappell**

See *Linguistics 2LCC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 LSA: language in society (Asia) (20 CPs. Sem. II. Bu.) LI3LSA Dr. David Bradley**

See *Linguistics 2LSA* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 LT: linguistic typology (20 CPs. Sem. I. Bu.) LI3LT Dr Kate Burridge**

This subject introduces students to the general properties of human language. It explores recent research into language universals and linguistic typology, focusing in particular on semantic and morpho-syntactic features. In this subject students will have the opportunity of analysing, comparing and classifying data from a rich variety of the world's languages.

**Prerequisite:** Linguistics 1NLA/2NLA or coordinator's approval.  
**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** major assignment (60%), and shorter assignments (40%).

**Prescribed reading:**

Comrie, Bernard *Language Universals & Linguistics Typology*.

**LINGUISTICS 3 PL: phonology (20 CPs. Sem. II. Bu.) LI3PL Professor Barry Blake**

See *Linguistics 2PL* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 PT: phonetics (20 CPs. Sem. I. Bu.) LI3PT Dr Margaret Batterham**

See *Linguistics 2PT* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 RC: reading course (20 CPs. Sem. I or II. Bu.) LI3RC Dr. Kate Burridge**

A limited number of students may be permitted by the Chairperson of Department to undertake an individual reading course by arrangement with an appropriate member of staff. Approval is normally given only if there is no substantial overlap between the proposed topic and the content of an existing subject. A program of reading, discussion and written work should be formulated in consultation with the appropriate member of staff and submitted to the Chairperson of Department for approval.

**Prerequisite:** any linguistics subject passed at second year level and Chairperson of Department's approval.

**Class requirements:** regular supervision sessions as arranged for each individual student.

**Assessment:** one or more assignments totalling 5,000-words.

**LINGUISTICS 3 SE: semantics (20 CPs. Sem. I. Bu.) LI3SE Dr Bee Chin Ng**

See *Linguistics 2SE* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LINGUISTICS 3 SY: syntax (20 CPs. Sem. II. Bu.) LI3SY Dr Hilary Chappell**

See *Linguistics 2SY* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**Logic Dr Ross Brady (Philosophy)**

Logic is the study of valid patterns of argument and as such, has wide applications ranging from everyday reasoning, to disciplines such as computing and mathematics, which employ profoundly complex reasoning. Introductory subjects in logic, for example, Logic 1 BL and 2DL enable students to assess many everyday arguments for validity using straight-forward techniques and hence, are invaluable in any area of human endeavour. Philosophy 1CT is designed to introduce students to the application of informal logical techniques to the critical analysis of discursive writing whilst Logic 2 LUP introduces students to reasoning with uncertainty through studies of proportional syllogisms and the probability calculus. As a discipline, logic has significant links with philosophy, mathematics, computer science and linguistics. Some subjects in each of these disciplines are approved for credit towards a sequence in logic and logic provides a useful adjunct to studies in any of these disciplines. Those who wish to pursue the study of logic with computer science should consider the double degree, Bachelor of Information Systems/Bachelor of Arts-Information Science. (See the Faculty of Humanities and Social Sciences for details.)

**Programs of study**

Students who wish to satisfy the degree requirements by taking two sequences, one of which is in logic, are required to take 110 credit points: 30 credit points at first year level and 40 credit points at second and third year level, and including at least 70 credit points of logic subjects, while the balance can be selected from the list of subjects set out below.

**First year subjects 15 credit points**

**Sem.**

- 1 Philosophy 1CT: critical thinking
- 2 Logic 1 BL: beginning logic

**Second year subjects 20 credit points**

- 1 Logic 2 DL: deductive logic<sup>1</sup>
- 2 Logic 2 LUP: logic of uncertainty and probability<sup>1</sup>

**Second or third year subjects 20 credit points**

- 1 Logic 2 AR/3 AR: automated reasoning
- 2 Logic 2 AL/3 AL: applied logic
- 2 Logic 2 LLC/3 LLC: logic, linguistics and computation<sup>1</sup>

**Third year subjects 20 credit points**

- 1 Logic 3 RCA: logic reading course A

**Key:** <sup>1</sup> Not available in 2000.

**Other subjects approved for logic sequences**

Students should note that no more than 40 credit points from all subjects listed below may be credited towards a logic sequence without the specific approval of the Head of the Logic section.

**Important notice**

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

**Second year subjects**

Computer science subjects  
Pure mathematics subjects

**Second or third year subjects**

Linguistics 2 SE/3 SE: semantics  
Linguistics 2 SY/3 SY: syntax  
Philosophy 2 IPS/3 IPS: introduction to the philosophy of science  
Philosophy 2 LMU/3 LMU: language, meaning and understanding  
Philosophy 2 SB/3 SB: recent philosophy of science

**Third year subjects**

Computer science subjects  
Pure mathematics subjects  
Statistics subjects

**Honours**

Students contemplating admission to the honours program, Logic 4, should consult the Head of Logic as soon as possible after the completion of first year, to plan suitable second and third year subjects. Students who have completed second or third year should consult the Head of Logic if they wish to proceed to Logic 4. To be admitted to Logic 4, students are normally required to have taken at least a 110 credit point sequence in Logic, with at least a B-grade average, have taken such subjects in their second and third years which enable them to fulfil the prerequisites of all the honours components to be taken and have passed either Logic 2 SL/3 SL (previously 2 ML/3 ML) or Logic 2 MT/3 MT (or as Logic 3 RCA) Logic 4 normally consists of either a 12,000-word minor thesis (50%), plus three subjects (Logic 4 ML and two others) or an 8,000-word minor thesis (33%), plus four subjects (Logic 4 ML and three others) The approved components should be selected in consultation with the Head of Logic from the honours components offered by the Schools of Philosophy, Mathematics, Engineering, Linguistics and Statistical Sciences.

**Fourth-year subjects 20 credit points**

**All year**

Logic 4 ML: mathematical logic  
Logic 4 PL: philosophical logic

**Subject descriptions**

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

**LOGIC 1 BL: beginning logic (15 CPs. Sem. II. Bu.) LO1BL Dr Ross Brady**

This subject is an introduction to logic, which includes basic concepts (arguments, deduction, validity) informal fallacies, categorical propositions, syllogisms, symbols of propositional logic, truth-tables and symbols of predicate logic. IBM-compatible computer software will be available to assist with the exercises in the prescribed text.

**Class requirements:** two 1-hour lectures and one 1-hour practice class/tutorial per week.

**Assessment:** four assignments (10% each) and one 3-hour examination (60%).

**Preliminary reading:**

Phillips, R. and Oakley, T. *Reason and argument*, revised edn, Monash Distance Education Centre 1996.

**Prescribed reading:**

Hurley, P. J. *A concise introduction to logic*, 6th edn, Wadsworth 1996.

**LOGIC 2 AL: applied logic (20 CPs. Sem. II. Bu.)** L02AL Dr Manfred von Thun

This subject deals with practical application of logic, principally with reasoning from data bases in which the primary concern is not whether a proposition follows validly from a set of premises but whether a proposition is true in an interpretation. Topics to be discussed include: the untyped and typed predicate calculus; truth in an interpretation versus validity; functional and relational calculi; variables and binding; clausal form of logic, Horn clauses, unification; relation algebras, operations on relations, query languages. The programming language PROLOG will be used sparingly. Previous programming experience is not assumed.

**Prerequisite:** LO1BL or LO1DL or permission of the coordinator.

**Class requirements:** two 2-hour seminars per week.

**Assessment:** five 600-word exercises (10% each) and one 2-hour examination (50%).

**Prescribed reading:**

von Thun, M. *Lecture notes for Applied Logic*, La Trobe University, School of Philosophy, Melbourne 2000.

**LOGIC 2 AR: automated reasoning (20 CPs. Sem. I. Bu.)** L02AR Dr Ross Brady

Logic is introduced through the medium of semantic nets and classical forms. First, logical forms of sentences are studied and diagrams called semantic nets are built showing these forms and their relationships. Then, compound sentences and arguments are represented in clausal forms, which are then studied through its semantics and Gentzen proof theory. Predicate calculus is then introduced through its semantics and Gentzen proof theory.

**Prerequisites :** a logic or computer science subject, or approval of the co-ordinator.

**Class requirements:** 3-hours of lectures or seminars per week.

**Assessment:** four logic exercises (10% each) and one 3-hour examination (60%).

**Prescribed reading:**

Richards, T. J. *Clausal form logic: an introduction to the logic of computer reasoning*, Addison-Wesley, 1989.

**LOGIC 2 DL: deductive logic (20 CPs. Sem. I. Bu.)** L02DL Dr Manfred von Thun

Not available in 2000.

**LOGIC 2 LLC: logic, linguistics and computation (20 CPs. Sem. II. Bu.)** L02LLC Dr Manfred von Thun

Not available in 2000.

**LOGIC 2 LUP: logic of uncertainty and probability (20 CPs. Sem. II. Bu.)** L02LUP Dr Ross Brady

Not available in 2000.

**LOGIC 3 AL: applied logic (20 CPs. Sem. II. Bu.)** L03AL Dr Manfred von Thun

See Logic 2 AL for full description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LOGIC 3 AR: automated reasoning (20 CPs. Sem. I. Bu.)** L03AR Dr Ross Brady

See Logic 2 AR for full description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**LOGIC 3 LLC: logic, linguistics and computation (20 CPs. Sem. II. Bu.)** L03LLC Dr Manfred von Thun

Not available in 2000.

**LOGIC 3 RCA: logic reading course A (20 CPs. Sem. I. Bu.)** L03RCA Dr Ross Brady

A limited number of students may be permitted by the Head of Logic to undertake a reading subject under the supervision of a staff member. Students must be in the third year of their course and must

be completing a sequence in logic. Such students must have the approval of a staff member who is willing to supervise the student's reading course on a subject which has been mutually agreed on. The student should submit details of the proposed program, including a bibliography and details of assessment to the Head of Logic, for approval. Specifically, a reading course in Modal and Temporal Logic may be made available.

**Prerequisite:** approval of the Head of Logic. Students should have at least a B grade in Logic 2DL or equivalent.

**Incompatible subject:** students are permitted to take only one logic reading subject in their course.

**Class requirements:** supervised reading course with regular contact with supervisor (on average, weekly).

**Assessment:** the assessment is determined by the supervisor and approved by the Head of Logic. It consists of a combination of examinations, essays, assignments or projects, which are in total equivalent to 5,000-words of essays or one 3-hour examination.

**Prescribed readings:** for Modal and Temporal Logic

Hughes, G. E. and Cresswell, M. J. *A new introduction to modal logic*, Routledge, 1968.

McArthur, R. P. *Tense logic*, Reidel (Kluwer) 1976.

**LOGIC 4 ML: mathematical logic (20 CPs. All year. Bu.)** L04ML Dr Manfred von Thun

This subject deals with the completeness and undecidability of the first-order predicate logic and the incompleteness of Peano arithmetic.

**Prerequisite:** LO2MT/LO3MT or equivalent.

**Prescribed reading:**

Mendelson, E. *Introduction to mathematical logic*, 3rd edn, Brooks-Cole, 1986.

**LOGIC 4 PL: philosophical logic (20 CPs. All year. Bu.)** L04PL Mr John Fox

This subject deals with the requirements for accounts of truth and generality.

**Recommended reading:**

Quine, W. O. *From a logical point of view*, Harvard UP, 1980.

Quine, W. O. *Philosophy of logic*, Prentice Hall, 1970.

**Media Studies** Dr Peter B. White

The Department of Media Studies has developed a unique approach to media education which combines the study of various media with the development of practical media skills. As a consequence, the Department offers a wide range of subjects which explore the historical, political and cultural aspects of media and which are linked to subjects which allow students to develop a range of media production skills. Media Studies subjects are available in both the Bachelor of Media Studies degree and as a major in the Bachelor of Arts degree.

**Media Studies in the Bachelor of Arts**

A media studies major in a Bachelor of Arts degree combines the study of media and media production with a wide range of other subjects, including politics, history, English, sociology, cinema studies, drama, etc.

Students taking a major in media studies must complete at least 150 credit points from those listed below, including the core first year subjects (MS1CC and MS1AC) 40 credit points at second year and 80 credit points at third year level. No more than 60 credit points of production can be included in the major.

Students taking two sequences, one of which is in media studies, are required to take 110 credit points in media studies, including the core first year subjects and at least 40 credit points at third year level.

The subject listings below illustrate that subjects other than media studies subjects can be credited towards a media studies major.

**Prerequisites**

Students undertaking second and third year media studies subjects must have completed 30 credit points of first year media studies subjects. Entry into non-practical subjects and third year subjects, is possible for Humanities and Social Sciences students subject to the availability of places in quotas.

**First year subjects**

**15 credit points**

- 1 Media Studies 1 CC: constructing communication<sup>1</sup>
- 1 Media Studies 1 MTN: making the news<sup>4</sup>
- 2 Media Studies 1 AC: audiences and communication<sup>1</sup>
- 2 Media Studies 1 WFM: writing for the media<sup>4</sup>

**Second year subjects**

**20 credit points**

- 1 Cinema Studies 2 CUS: classical Hollywood
- 2 Cinema Studies 2 AM: contemporary American cinema

## Second and third year subjects 20 credit points

- 1 Cinema Studies 2 DC/3 DC: documentary cinema
- 1 Media Studies 2 CAJ/3 CAJ: computer assisted journalism<sup>2</sup>
- 1 Media Studies 2 DMC/3 DMC: digital media cultures
- 1 Media Studies 2 PC/3 PC: popular culture and the media
- 1 Media Studies 2 PS/3 PS: press and society
- 1 Media Studies 2 RMA/3 RMA: researching media audiences
- 1 Media Studies 2 RSP/3 RSP: radio sound production<sup>2</sup>
- 1 Media Studies 2 SM/3 SM: sex and the media
- 1 Media Studies 2 WV/3 WV: writing for video - non fiction<sup>2</sup>
- 2 Cinema Studies 2 AC/3 AC: alternative cinema
- 2 Media Studies 2 AT/3 AT: image and industry: Australian television<sup>3</sup>
- 2 Media Studies 2 CP/3 CP: communication policy<sup>3</sup>
- 2 Media Studies 2 JPW/3 JPW: journalism production workshop<sup>2</sup>
- 2 Media studies 2 MS/3 MS: media and the spectacular
- 2 Media Studies 2 NM/3 NM: new media and society<sup>3</sup>
- 2 Media Studies 2 PF/3 PF: understanding popular film
- 2 Media Studies 2 RHT/3 RHT: radio theory, policy, history and criticism
- 2 Media Studies 2 RM/3 RM: researching the media
- 2 Media Studies 2 VEA/3 VEA: single camera video<sup>2</sup>
- 2 Media Studies 2 WR/3 WR: writing for radio<sup>2</sup>

## Third year subjects 20 credit points

- 1 Media Studies 3 ADJ: advanced journalism and design<sup>2</sup>
- 1 Media Studies 3 MPD: media project development<sup>4</sup>
- 1 Media Studies 3 MPR: advanced media production – radio<sup>2</sup>
- 1&2 Media Studies 3 RC: reading course<sup>2</sup>
- 1&2 Media Studies 3 INT: media internship<sup>4</sup>
- 2 Media Studies 3 MI: media industries<sup>4</sup>
- 2 Media Studies 3 MPT: advanced media production – video<sup>2</sup>
- 2 Media Studies 3 WEM: writing and editing for multimedia

Key: <sup>1</sup> Core subjects. <sup>2</sup> Stream subject <sup>3</sup> Not available in 2000.

<sup>4</sup> Available to Bach. Media Studies only

## Honours

Students are selected into honours at the end of their third year. Prospective students should make their interest known to the media studies postgraduate coordinator by early November so that a decision can be made and the student notified in time for re-enrolment in December.

The principal requirement for selection is consistently high performance (normally at least a B average) in a media studies major and in particular, distinction in third year level media subjects. Successful completion of more than the minimum major of 150 credit points would be an advantage.

To complete the course a student must complete three semester subjects and either a thesis of 12,000-words or a media production with supporting analysis. Cinema studies subjects may be taken for credit towards Media Studies 4. Students interested in taking these subjects should consult with an adviser of studies.

## Fourth year subjects 20 credit points

- 1 Media Studies 4 CIP: current issues in communication policy
- 1 Media Studies 4 RCA: reading course
- 1 Media Studies 4 WIM: women in media
- 1&2 Media Studies 4 BE: bibliographic essay
- 1&2 Media Studies 4 CIM: current issues in media research
- 2 Media Studies 4AM: audiences and the media
- 2 Media Studies 4MM: media on the media
- 2 Media Studies 4RCB: reading course

## POSTGRADUATE DIPLOMA IN MEDIA STUDIES

A Postgraduate Diploma in Media Studies is offered by the Faculty. See the Postgraduate volume of the *Handbook*.

## Subject descriptions

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

### MEDIA STUDIES 1 AC: audiences and communication (15 CPs. Sem. II. Bu.) MS1AC Dr Terrie Waddell

In this subject students will examine the concept of 'audience' from a number of perspectives. Issues to be considered include: the 'creation' of audiences by the media, the media and audiences for popular culture and the role of the media in the lives of individuals and groups. The relationship between the media and audiences for sport, popular music, soap operas and science fiction are examined. *Incompatible subject:* MS1-offered prior to 1998.

*Quota:* 150. Selection based on TER or equivalent and/or interview. *Class requirements:* one 1-hour lecture and one 2-hour tutorial per week. *Assessment:* one reading presentation (10%), one 1,500-word assignment (40%), and one 2,500-word essay (50%), Attendance at and participation in 80% of tutorials is required.

## Preliminary reading:

Cunningham, S. and Turner, G. (eds) *The media in Australia: industries, texts, audiences*, Allen & Unwin 1997.

## Recommended reading:

McQuail, D. *Audience analysis*, Sage 1997.

Moores, S. *Interpreting audiences: the ethnography of media consumption*, Sage 1993.

Morley, D. *Family television: cultural power and domestic leisure*, Comedia 1986.

### MEDIA STUDIES 1 CC: constructing communication (15 CPs. Sem. I. Bu.) MS1CC Dr Terrie Waddell

In this subject students will examine answers to the question 'How do we communicate?' Interpersonal, group and mass communications will be examined from a number of perspectives. Students are introduced to semiotic analysis and the concept of ideology through studies of advertising and communication. The implications of these analyses will be related to questions of communications and cultural policy.

*Incompatible subject:* MS1-offered prior to 1998.

*Quota:* 150. Selection is based on TER or equivalent and/or interview.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week.

*Assessment:* one reading presentation (10%), one 1,500-word assignment (40%), and one 2,500-word essay (50%), Attendance at and participation in 80% of tutorials is required.

## Preliminary reading:

Cunningham, S. and Turner, G. (eds) *The media in Australia: industries, texts, audiences*, Allen & Unwin 1997.

## Recommended reading:

Dyer, G. *Advertising as communication*, Methuen 1982.

Sinclair, J. *Images incorporated: advertising as industry and ideology*, Croom Helm 1987.

Wernick, A. *Promotional culture: advertising, ideology and symbolic expression*, Sage 1991.

### MEDIA STUDIES 1 MTN: making the news (15 CPs. Sem. I. Bu.)

MS1MTN Mr John Benson

*Only available to students enrolled in the Bachelor of Media Studies.*

In this subject students examine the nature of news and how events become 'newsworthy,' as well as analyse the news as a commercial and cultural institution. Issues covered include the news media and public agenda setting, the ethics of journalism and the news production process. Students work in teams to produce a television news program both on location and in the studio. They also analyse this news production experience from the perspectives of media research and media theory.

*Incompatible subject:* MS1-offered prior to 1998.

*Quota:* 85. Selection is based on TER or equivalent and/or interview.

*Class requirements:* one 1-hour lecture and one 2-hour studio workshop per week.

*Assessment:* two 1,250-word assignments (30% each) one collaborative media production (40%), including an 800-word account of their production experience. To be credited with production component students must attend 80% of the workshop tutorials.

## Recommended reading:

Cunningham, S. and Turner, G. (eds.) *The media in Australia*. 2nd edn. Allen and Unwin 1997.

Tiffen, R. *News and power*, Allen and Unwin 1989.

Barker, C. *Global television: an introduction*, Blackwell 1997.

### MEDIA STUDIES 1 WFM: writing for the media (15 CPs. Sem. II. Bu.)

MS1WFM Mr Hugh Martin

*Only available to students enrolled in the Bachelor of Media Studies.*

In this subject students will examine the fundamental skills of news-writing and information gathering for media, including press releases, daily news stories and feature articles. The process of identifying and writing stories within these formats will be discussed and analysed. Students will write a range of short pieces for appraisal in weekly workshops.

*Quota:* 80. Selection is based on TER or equivalent and/or interview.

*Class requirements:* one 1-hour lecture, one 2-hour workshop/tutorial per week.

*Assessment:* one 1,500-word feature article (40%), two 600-word news articles (25% each) one 300-word press release (10%).

Attendance and participation in 80% of workshop tutorials is required.

## Recommended reading:

Conley, D. *An introduction to journalism*, Oxford University Press 1997.

Oakham, M. *Don't bury the lead*, Deakin University Press 1997.

White, S. *Reporting in Australia*, Macmillan 1991.



**MEDIA STUDIES 2 AT: image and industry: Australian television (20 CPs. Sem. II. Bu.) MS2AT Dr Sue Turnbull.**

Not available in 2000.

**MEDIA STUDIES 2 CAJ: computer assisted journalism (20 CPs. Sem. I. Bu.) MS 2CAJ Mr Hugh Martin**

In this subject students will gain the practical experience of reporting complex issues involving multiple sources. The Internet will be one of the tools you will use to develop and research stories by navigating to locate reliable sources of information for use in articles. You will learn about search engines and search strategies, you will obtain public records and use spreadsheets and databases in researching strategies for feature stories.

**Prerequisite:** 30 credit points of first year media studies.

**Quota:** 50. B. Media Studies students given first preference then third year B. Arts (media major) students.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** four 800-word reports (10% each) one 1,000-word critique and presentation (15%), and one 2,000-word feature article (45%).

**Recommended reading:**

Garrison, B. *Successful strategies for computer assisted reporting*, Lawerance Ehbaum 1996.

Quinn, S. *Newsgathering on the net: an Internet guide for Australian journalists*, Macmillan Education Australia 1999.

**MEDIA STUDIES 2 CP: communication policy (20 CPs. Sem II. Bu.)**

**MS2CP Dr Peter White**

Not available in 2000.

**MEDIA STUDIES 2 DMC: digital media cultures (20 CPs, Sem. I. Bu.) MS2DMC Dr Peter Hughes**

In this subject, students will be introduced to the range of new digital media; to cultural debates including those to do with technology, the production of meaning, and audience, raised by digital media cultures; and to some basic production techniques relevant to the production of new digital media. Topics will be chosen from: production of meaning in digital media cultures, interactions between new digital media forms and users, institutional contexts for construction of meaning in new digital media, and new understandings of the self and the body, time and space, and the domain of art.

**Prerequisite:** MS1CC and MS1AC (or MS1 before 1998) together with basic computer skills

**Quota:** 50. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial or computer lab per week.

**Assessment:** one 2,000-word essay (40%), one 2,000-word assignment (40%), one research report or annotated bibliography (20%). At least one assignment to be submitted as a series of linked WWW pages.

**Recommended reading:**

Bender, G. and Druckrey, T. (eds) *Culture on the brink: ideologies of technology*, Bay Press 1995.

Benedikt, M. (ed.) *Cyberspace: the first steps*, MIT Press 1994.

Stone, A. R. *The war of desire and technology at the close of the mechanical age*, MIT Press 1995.

**MEDIA STUDIES 2 JPW: journalism production workshop (20 CPs. Sem. II. Bu.) MS2JPW Mr Hugh Martin**

In this subject students are introduced to the practical aspects of text production: the business of writing in a range of formats, the editorial decision making process and the layout of text. Students are shown how editorial goals direct the process of selecting, writing and the editing of text. Topics covered include research reporting and interview techniques, ethics, editing and editorial writing, layout, and electronic publishing.

**Prerequisite:** for Bachelor of Media Studies students, 60 credit points of first year Media Studies subjects. For Bachelor of Arts (Media Major) students, 30 credit points at first year Media Studies subjects.

**Quota:** 50. B. Media Studies students given first preference then third year B. Arts (media major).

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** three 800-word articles (15% each) one group project equivalent to 2,000-words (30%), one minor individual project (15%), and participation (10%).

**Recommended reading:**

Hicks, W. *English for journalists*, Routledge 1993.

Hurst, J. and White, S. A. *Ethics and the Australian news media*, Macmillan 1994.

**MEDIA STUDIES 2 MS: media and the spectacular (20 CPs. Sem. II. Bu.) MS2MS Dr Terrie Waddell**

In this subject students explore global news media spectacles such as the coverage of funerals, sex scandals, wars and the behaviour of celebrities. Through an examination of the psychological, ritualistic, sacred and profane nature of the more 'sensational' aspects of the media, students consider whether these spectacles are passing fads or recurring events rich in mythical symbolism. The broadcast and print media's preoccupation with ecstasy, masquerade, the carnivalesque, grotesqueries, the paranormal, self disclosure and physical/verbal excess is discussed from a number of theoretical perspectives.

**Prerequisite:** 30 credit points of first year media studies.

**Quota:** 30. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** two 2,500-word assignments (45% each) and one written tutorial presentation (10%).

**Prescribed reading:**

Mellencamp, P. *High anxiety: catastrophe, scandal, age and comedy*, Indiana University Press 1992.

Garber, M., Matlock, J. and Walkowitz, R. L. (eds) *Media spectacles*, Routledge 1993.

Stallybrass, P. and White, A. *The politics and poetics of transgression*, Methuen 1986.

**MEDIA STUDIES 2 NM: new media and society (20 CPs. Sem. II. Bu.)**

**MS2NM Dr Peter White**

Not available in 2000.

**MEDIA STUDIES 2 PC: popular culture and the media (20 CPs. Sem. I. Bu.) MS2PC Mr John Benson**

In this subject students will use a number of specific concepts and approaches to investigate such phenomena as sports heroes and heroines, TV game shows, soap operas, popular romance and detective novels, video clips etc. Seminars consist of selected readings, screenings and discussion of a number of case studies. Class participants are expected to complete an investigation of an element of popular culture or the media of their own choice, applying the concepts and approaches examined in seminars.

**Prerequisite:** 30 credit points of first year media studies.

**Quota:** 40. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** two 2,500-word essays (50% each).

**Recommended reading:**

Fiske, J. *Reading the popular*, Unwin and Hyman 1989.

Gans, H. *Popular culture and high culture*, Basic Books/Harper 1974.

Strinati, D. *An introduction to theories of popular culture*, Routledge 1995.

**MEDIA STUDIES 2 PF: understanding popular film (20 CPs. Sem. II. Bu.) MS2PF Mr John Benson**

This is an introductory subject for those who wish to investigate the area of popular film. The subject involves regular film screenings, discussion of film analysis techniques, reference to some concepts in film theory, industrial and commercial considerations in film production and notions of audience for popular film.

**Prerequisite:** 30 credit points of first year media studies.

**Incompatible subject:** CI1A, CI1B.

**Quota:** 40. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** two 2,500-word essays (50% each).

**Recommended reading**

Andrews, D. *Concepts in film theory*, OUP 1984.

Bordwell, D. and Thompson, K. *Film art: an introduction*, 5th edn, McGraw-Hill 1997.

Mayne, J. *Cinema and spectatorship*, Routledge 1993.



**MEDIA STUDIES 2 PS: press and society (20 CPs. Sem. I. Bu.)**

**MS2PS Mr Hugh Martin**

In this subject students examine selected aspects of newspapers and magazines from three perspectives. The first perspective allows for the examination of news by journalists and editors. The second perspective considers the role of newspapers and magazines in the lives of individuals, geographic communities and communities of interest. The final perspective sees the Australian news media as an industry and considers issues such as patterns of ownership, government regulatory debates and the changing nature of newspaper and magazine publishing brought about by new technologies and the growth of the electronic media.

*Prerequisite:* 30 credit points of first year media studies.

*Quota:* 30. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* annotated bibliography (10%), seminar presentation (10%), participation in seminar (10%), and essay (70%).

**Prescribed reading:**

Applegate, E. *Print and broadcast journalism: a critical examination*, Praeger 1996.

Cohen, E. D. (ed.) *Philosophical issues in journalism*, Oxford UP 1992.

Henningham J. *Issues in Australian journalism*, Longman Cheshire 1990.

Winch, S. P. *Mapping the cultural space of journalism*, Praeger 1997.

**MEDIA STUDIES 2 RHT: radio theory, policy, history and criticism (20 CPs. Sem. II. Bu.) MS2RHT Mr John Patrick**

In this subject students are introduced to the special qualities and strengths of this medium. The influence of radio on Australian culture, past and present, its relationship with other media and its potential for future development are explored. The application of different communication theories to radio is studied within the context of the way in which listeners use the medium.

*Prerequisite:* 30 credit points of first year media studies.

*Quota:* 30. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 2,000-word essay (40%), and one 3,000-word essay (60%).

**Recommended reading:**

Crisell, A. *Understanding radio*, Methuen 1986.

Johnson, L. *The unseen voice*, Routledge 1988.

Scannell, P. *Radio, television and modern life*, Blackwell 1996.

**MEDIA STUDIES 2 RMA: researching media audiences (20 CPs. Sem. I. Bu.) MS2RMA Dr Sue Turnbull**

*Compulsory for all second year Bachelor of Media Studies students.*

In this subject students cover the major approaches to media research involving audiences in different social and cultural contexts.

Experimental, quantitative and qualitative methodologies are explored. Students are required to reflect on their own research practices and to refine these as they critically examine a range of diverse approaches and examples. This subject provides students with methods and skills which can then be applied in other media subjects and will be of particular use to those intending to proceed to honours.

*Prerequisite:* MS1CC and MS1AC (or MS1 before 1998).

*Class requirements:* one 2-hour lecture and one 2-hour tutorial.

*Assessment:* one 2,000-word bibliographic exercise (40%), one 2,500-word critical essay (40%), and one in-class exercise (20%).

**Prescribed reading:**

Booth, W. C. et al. *The craft of research*, University of Chicago Press 1995.

Kent, R. *Measuring media audiences*, Routledge 1993.

Priest, S. H. *Doing media research: an introduction*, Sage 1996.

**MEDIA STUDIES 2 RM: researching the media (20 CPs. Sem. II. Bu.) MS2RM Dr Peter Hughes**

*Compulsory for all second year Bachelor of Media Studies students.*

In this subject students will cover the major approaches to the institutional and textual aspects of media research. Quantitative and qualitative methods are considered, as well as different models of textual analysis. Students will engage in their own research projects, implementing the methods and approaches they have considered.

This subject provides students with a range of research skills which will be useful in other media subjects and is particularly appropriate for those intending to proceed to honours.

*Prerequisite:* MS1CC and MS1AC (or MS1 before 1998).

*Class requirements:* one 2-hour lecture and one 2-hour tutorial.

*Assessment:* one 2,000-word research project (40%), one 2,500-word research project (40%), and one in-class exercise (20%).

**Prescribed reading:**

Hansen, A. et al. *Mass communication research*, Macmillan 1998.

**MEDIA STUDIES 2 RSP: radio/sound production (20 CPs. Sem. I. Bu.) MS2RSP Mr John Patrick**

In this subject students are introduced to a range of program making and production skills. Programs in different styles are produced, suitable for broadcast on community radio stations or for use in other situations such as the school classroom. Students are assessed on the programs they make and on the written evaluation of them.

*Prerequisite:* 30 credit points of first year media studies.

*Quota:* 40. B. Media Studies students given first preference then third year B. Arts (media major) students.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 2,000-word essay (10%), one 8-minute voice piece (20%), one 10-minute mixing exercise (30%), and one 30-minute documentary (40%).

**Recommended reading:**

Baird, L. (ed.) *Australian Film, Television and Radio School guide to radio production*, Allen & Unwin 1992.

Crisell, A. *Understanding radio*, Methuen 1986.

Hogan, T. *Radio news workbook: instructor's manual*, Resources Unit, AFTV School 1985.

**MEDIA STUDIES 2 SM: sex and the media (20 CPs. Sem. I. Bu.) MS2SM Dr Sue Turnbull**

In this subject students consider the ways in which gender and sexuality have been represented in the media and how these representations have been theorised. Attention is paid to feminist interventions in media debates about gender and sexuality, as well as emerging developments in the theorisation of masculinity and representation. Some of the issues addressed include advertising and consumerism, the body in sport, pornography, queer theory and television and the supposedly gendered appeal of popular culture, including romance, soap operas, and the TV crime series.

*Prerequisite:* MS1AC and MS1CC (or MS1 before 1998).

*Quota:* 30. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

*Class requirements:* one 1-hour lecture, one 2-hour seminar per week.

*Assessment:* one 3,000-word essay (60%), one 2,000-word journal (40%).

**Recommended reading:**

Bordo, S. *Unbearable weight: feminism Western culture and the body*, University of California Press 1993.

Mort, F. *Cultures of consumption: commerce, masculinities and social space in late twentieth century Britain*, Routledge 1996.

van Zoonen, L. *Feminist media studies*, Sage 1994.

**MEDIA STUDIES 2 VEA: single camera video (20 CPs. Sem. II. Bu.) MS2VEA**

In this subject students are introduced to video production using single camera systems and will be provided with the opportunity to explore the production forms examined in theoretical media subjects. The major practical exercise involves working in teams of three or four, where students will be assessed in the areas of direction, camera, editing or production management.

*Prerequisite:* 30 credit points of first year media studies.

*Quota:* 40. B. Media Studies students given first preference then third year B. Arts (media major) students.

*Class requirements:* one 3-hour workshop per week.

*Assessment:* one screenplay (20%), one major practical exercise and accompanying critical essay (60%), one examination (20%).

**Prescribed reading:**

Mollison, M. *Producing videos: a complete guide*, AFTRS 1987.

**MEDIA STUDIES 2 WR: writing for radio (20 CPs. Sem. II. Bu.) MS2WR Mr John Patrick**

In this subject students begin with a study of texts specifically created for the medium of radio. In this study, issues of production and performance are critically related to literary and dramatic values and professional writers and producers are invited to discuss their work. Different radio genres are explored, including, but not limited to, educational broadcasting and programs for children. Students are required to write and present to the class a critical paper on work currently on radio. They write a script, either from an original idea or

adapted from other sources and some of these may be produced by Media Department resources. Production skills are not essential for participation in this subject.

**Prerequisite:** 30 credit points of first year media studies.

**Quota:** 30. B. Media Studies students given first preference then third year B. Arts (media major) students.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 30-minute script (60%), three short scripts (15%), and one 2,000-word essay (25%).

**Recommended reading:**

Hepenstall, R. *Portrait of the artist as a professional man*, Peter Owen 1969.

Lewis, P. (ed.) *Radio drama*, Longmans 1986.

McWhinnie, D. *The art of radio*, Faber 1959.

**MEDIA STUDIES 2 WV: writing for video - non fiction (20 CPs. Sem. I. Bu.) MS2WV Dr Peter Hughes**

In this subject students examine the writing of 'documentary' and 'non fiction' forms of contemporary Australian television and video. Students are expected to develop a familiarity with the history and conventions of various non-fiction television forms, including lifestyle and magazine programs. The contemporary industrial context will also be examined, including the writer's role in production funding, the script writing process, production and post production. In addition to the writing of an essay, students are required to produce video scripts which follow industry conventions.

**Prerequisite:** MS1CC, MS1AC, MS1WFM, MS1MTN for B. Media, MS1CC, MS1AC, for BA students.

**Quota:** 20. Priority will be given to B. Media students in the video stream then third year B. Arts (media major) students. Remaining places will be allocated in order of application.

**Class requirements:** one 3-hour seminar/workshop per week.

**Assessment:** one screenplay equivalent to 3,000-words to be completed in stages (60%) and one 2,000-word essay (40%).

**Recommended reading:**

Beilby, P. and Lansell, R. (eds) *The documentary film in Australia*, Cinema Papers 1982.

Kilborn, R. and Izod, J. *An introduction to television documentary: confronting reality*, Manchester University Press 1997.

Robertson, G. *Ninth Grierson lecture 1987*, State Film Centre Council of Victoria 1988.

**MEDIA STUDIES 3 AJD: advanced journalism and design (20 CPs. Sem. I. Bu.) MS3AJD Mr Hugh Martin**

In this subject students will be involved in the editorship and management of an undergraduate electronic magazine. Correspondingly, management and production standards including style and formatting techniques for new media will be covered in seminars. A prior knowledge of HTML editors, PhotoShop and PageMaker is assumed. Students will also write feature length articles to commercial publication standard. Seminars will include discussions on theories of writing and analysis, investigative feature writing, and the role of the editor in both a traditional and digital environment.

**Prerequisite:** MS2/3 CAJ, MS2/3 JPW.

**Incompatible subjects:** MS2WEM, MS3WEM.

**Quota:** 40. Priority will be given to B. Media students in the journalism stream then third-year BA (media major) students.

Remaining places will be allocated in order of application.

**Class requirements:** one 1-hour lecture and one 2-hour workshop.

**Assessment:** three feature articles (3,000-words equivalent) (60%), and one, sub-editing and on-line design project (40%).

**Preliminary reading:**

Harrower, T. *Newspaper designer's handbook*. 4th edn, Brown & Benchmark 1996.

**Prescribed reading:**

Goldstein, N. *The Associated Press stylebook and libel manual*. rev. edn, Addison-Wesley Pub Co 1998.

**MEDIA STUDIES 3 AT: image and industry: Australian television (20 CPs. Sem. II. Bu.) MS3AT Dr Sue Turnbull**

Not available in 2000.

**MEDIA STUDIES 3 CP: communication policy (20 CPs. Sem. II. Bu.) MS3CP Dr Peter White**

Not available in 2000.

**MEDIA STUDIES 3 DMC: digital media cultures (20 CPs. Sem. I. Bu.) MS3DMC Dr Peter Hughes**

See Media Studies 2 DMC for full subject description.

**Prerequisite:** 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

**Quota:** 50. First preference given to third year B. Media Studies and B. Arts (media major) then second year B. Media Studies and B. Arts (media major) Students from the School of Arts and Media given third preference. Students will be selected on academic merit.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 INT: media internship (20 CPs. Sem I or II. Bu.) MS3INT Mr Hugh Martin/ Mr John Patrick**

Available only to Bachelor of Media Studies students.

In this subject students will develop contacts with, and work in, a media organisation. Students will develop an understanding of issues internal to the organisation such as its goals, structure, management and work practices. In addition they will be expected to develop an understanding of the organisation's relationship to its clients, audience and other parts of the media industry.

**Prerequisite:** completion of second year requirements for the Bachelor of Media Studies.

**Quota:** 6. Selection is based on academic merit.

**Class requirements:** three 3-hour workshops and 120 hours attendance at an approved workplace.

**Assessment:** one 750-word work plan prepared after consultation with workplace supervisor and academic supervisor (15%), one 1,500-word report critically analysing the student's own response to the work experience with particular attention to the workplace environment in which the tasks were undertaken (35%), one 3,000-word essay describing and analysing the structure and function of the media organisation attended by the student (50%).

**Recommended reading:**

Jurek, K. *Careers in communications*. Focal Press 1998.

Scott, N. *Media: The Vault reports career guide to media and entertainment - An industry guide for job seekers*. Vault Reports 1998.

**MEDIA STUDIES 3 MI: media industries (20 CPs. Sem II. Bu.) MS3MI**

Available only to Bachelor of Media Studies students.

In this subject an overview of existing and emerging media and communications industries will be provided. Attention will be paid to the implications of technological and organisational convergence for the evolving structure of those industries. Topics to be covered could include: the internationalisation and regionalisation of the media and communication industries; multi-mode media content delivery; narrowcasting and the future of the mass audience; changing forms of news delivery, the implications of structural change within the media industries for employment and the creation of content; the role of governments in protecting national production industries and the use of media by non-media organisations.

**Prerequisite:** MS2RMA and MS2RM.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial.

**Assessment:** one 1,000-word annotated bibliography (20%), one 1,000-word issues paper (20%), and one 3,000-word essay (60%).

**Recommended reading:**

Castells, M. *The rise of the network society*. Blackwell 1996.

Given, J. *The death of broadcasting: media's digital future*. UNSW Press 1998.

Hilliard, R. L. and Keith, M. C. *Global broadcasting systems*. Focal Press 1996.

**MEDIA STUDIES 3 MPD: media project development (20 CPs. Sem. I. Bu.) MS3MPD**

Available only to Bachelor of Media Studies students.

In this subject students will develop skills in the development of media projects. Projects can be in any medium or combination of media and could be a public or commercial communication campaign, a program series, or a single production. The subject will cover concept development, program research, the analysis of competitive materials and projects and market research. Students will develop a project proposal, budget and production schedule and an evaluation plan and will work in self-managing project teams.

**Prerequisite:** MS2RMA and MS2RM.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week. Attendance at 80% of workshops is compulsory.

**Assessment:** one 3,500-word project proposal (70%), and one 1,500-word essay (30%).

**Recommended reading:**

Rosenthal, A. *Writing, directing and producing documentary films and videos*. Univ. of Southern Illinois Press 1996

Moffitt, M. *Campaign strategies and message design*. Praeger 1999

Van Deusen, R. *Financial management in media operations*.

Knowledge Industry Publications 1995

**MEDIA STUDIES 3 MPR: advanced media production - radio (20 CPs. Sem. I. Bu.) MS3MPR Mr John Patrick**

In this subject selected students are provided with an opportunity to work on radio and sound production at a higher level. A program of production and an associated analytical essay is organised with the coordinator.

*Prerequisite:* MS2RSP.

*Incompatible subject:* MS3MPT.

*Quota:* 20. B. Media Studies students given first preference then third year B. Arts (media major) students. Selected competitively on the basis of previous radio or sound production results.

*Class requirements:* one 3-hour seminar or workshop per week.

*Assessment:* one 2,000-word written assignment (25%), a script (25%), and a production (50%). Alternatively a script (25%), and a production (75%), may be submitted. The length of the production will be negotiated for individual students and will be based on the complexity of the work to be produced and the availability of technical resources.

**MEDIA STUDIES 3 MPT: advanced media production - television (20 CPs. Sem. II. Bu.) MS3MPT**

In this subject students will undertake practical work in both single camera and multi camera video and television production. Students will work towards a collective outcome: a half hour television programme consisting of 'live' studio television based material as well as pre-recorded 'inserts'. The nature of the programme will be collectively negotiated by the workshop group.

*Prerequisite:* MS1MTN and 80 credit points at second year level for Bachelor of Media Studies students; 60 credit points in Media Studies at second year level for Bachelor of Arts students; or approval of the co-ordinator.

*Incompatible subject:* MS3VEA.

*Quota:* 20. Priority will be given to B. Media students in the video stream then third year B. Arts (media major) students. Remaining places will be allocated in order of application.

*Class requirement:* one 3-hour workshop per week. Attendance at 80% of workshops is required.

*Assessment:* one 1,000-word essay dealing with either television or video production (20%), contribution to 25-minute group television production (40%), one 2,000-word critical essay (40%).

**Recommended reading:**

Ayres, R. *Australian Film, Television & Radio School guide to video production*. Allen and Unwin; AFTRS 1990.

Cunningham, S. and Miller, T. *Contemporary Australian television*. UNSW Press 1995.

Mollison, M. *Producing videos; a complete guide*. Allen and Unwin 1997.

**MEDIA STUDIES 3 MS: media and the spectacular (20 CPs. Sem. II. Bu.) MS3MS Dr Terrie Waddell**

*See Media Studies 2 MS for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 NM: new media and society (20 CPs. Sem. II. Bu.) MS3NM Dr Peter White.**

*Not available in 2000.*

**MEDIA STUDIES 3 PC: popular culture and the media (20 CPs. Sem. I. Bu.) MS3PC Mr John Benson**

*See Media Studies 2 PC for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 PF: understanding popular film (20 CPs. Sem. II. Bu.) MS3PFMr John Benson**

*See Media Studies 2 PF for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Incompatible subject:* C11A, C11B.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 PS: press and society (20 CPs. Sem. I. Bu.) MS3PS Mr Hugh Martin**

*See Media Studies 2 PS for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 RC: reading course (20 CPs. Sem. I or II. Bu.) MS3RC Dr Peter Hughes**

A limited number of students may be permitted to undertake an individual program of reading, discussion and written work by arrangement with the coordinator.

*Prerequisite:* approval of the coordinator.

*Class requirements:* determined on an individual basis.

*Assessment:* determined on an individual basis.

**MEDIA STUDIES 3 RHT: radio theory, policy, history and criticism (20 CPs. Sem. II. Bu.) MS3RHT Mr John Patrick**

*See Media Studies 2 RHT for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 RMA: researching media audience (20 CPs. Sem. I. Bu.) MS3RMA Dr Sue Turnbull**

*See Media Studies 2 RMA for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 RM: researching the media (20 CPs. Sem. II. Bu.) MS3RM Dr Peter Hughes**

*See Media Studies 2 RM for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 RSP: radio sound production (20 CPs. Sem. I. Bu.) MS3RSP Mr John Patrick**

*See Media Studies 2 RSP for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 SM: sex and the media (20 CPs. Sem. I. Bu.) MS3SM Dr Sue Turnbull**

*See Media Studies 2 SM for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 VEA: single camera video (20 CPs. Sem. II. Bu.) MS3VEA**

*See Media Studies 2 VEA for full subject description.*

*Prerequisite:* 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

*Assessment:* third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 WEM: writing and editing for multimedia (20 CPs. Sem. II. Bu.) MS3WEM**

In this subject, the scope and techniques of writing for multimedia are described and explained, both generally, and with special reference to business, educational and reference publications. The roles and skills of the writer and editor in the new publishing media are examined, and the differences between the writing and copy-editorial styles and methods traditionally employed in print publications and those styles that are now developing for electronic publications are identified and closely studied. The interactive capabilities of the new media are considered with the expectations and needs of the end-user in mind. Case studies are analysed, focusing on Australian products and industry initiatives.

This subject is not available to Bachelor of Media Studies students.  
**Prerequisite:** 80 credit points of Media Studies subjects or enrolment in the Graduate Diploma in Professional Writing and Speech or the Graduate Diploma in Media Studies.

**Quota:** 20. Places will be allocated according to academic merit, on lecturer's approval and subject to confirmation.

**Class requirements:** one 2-hour seminar and one 1-hour tutorial each week.

**Assessment:** one 2,000-word essay (40%), two 1,000-word assignments (20% each), and one 1-hour take-home examination (20%).

**Prescribed reading:**

Bonime, A. and Pohlmann, K. C. *Writing for new media*, Wiley 1998.

**MEDIA STUDIES 3 WR: writing for radio (20 CPs. Sem. II. Bu.)**

**MS3WR Mr John Patrick**

*See Media Studies 2 WR for full subject description.*

**Prerequisite:** 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 3 WV: writing for video - non fiction (20 CPs. Sem. I. Bu.) MS3WV Dr Peter Hughes**

*See Media Studies 2 WV for full subject description.*

**Prerequisite:** 20 credit points of second year media studies or approval of the Media Studies Course Advisor.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MEDIA STUDIES 4 AM: audiences and the media (20 CPs. Sem. II. Bu.) MS4AM Dr Sue Turnbull**

In this subject students are invited to consider how the concept of audience has been variously framed during the twentieth century in relation to the media. Approaches include; administrative and survey research as used by the media industries, critical theory and cultural studies, feminist and psychoanalytic approaches and post-modern perspectives. Each approach is dealt with in terms of its key concepts and methods. Because much audience research has focused on specific types of media, there will be some concentration on perceptions of the audiences for these, including radio and television soap operas, popular fiction, television talk shows, and the role of e-mail fan groups.

**Class requirements:** one 3-hour lecture or seminar per week.

**Assessment:** one 5,000-word exercise (100%).

**Recommended reading:**

Allen, R. C. *Channels of discourse*, University of North Carolina Press 1987.

Moore, S. *Interpreting audiences: the ethnography of media consumption*, Sage 1993.

Morley, D. *Television audiences and cultural studies*, Routledge 1992.

**MEDIA STUDIES 4 BE: bibliographic essay (20 CPs. All year. Bu.)**

**MS4BE Dr Peter Hughes**

In this subject, after initial classes on bibliographic research and citation systems, students are required to sit a mastery test (pass mark 90%), on citation before continuing the subject. They then complete an individually-designed critical bibliographic essay, using library resources on and outside campus, including electronic resources.

**Class requirements:** after a series of formal classes in semester I, individual tutorial sessions spread across the remainder of the teaching year.

**Assessment:** one 4,000-word essay (70%), and one citation test (30%).

**Recommended reading:**

Booth, W. C. et al *The craft of research*, University of Chicago 1995.

Hansen, A. et al *Mass communication research methods*, Macmillan 1998.

**MEDIA STUDIES 4 CIM: current issues in media research (20 CPs. All year. Bu.) MS4CIM Dr Peter Hughes**

In this subject an overview of recent research in the field of media studies is provided. The program consists of a series of seminars on research concerning media audiences, texts, institutions and institutional policy, seminars on research methods and a program of attendance at approved seminars or other events devised to suit the needs of the student's individual course of study. This may require attendance at seminars conducted within the Department of Media Studies or within other departments of the university, such as Cinema Studies, English or Women's Studies. It may also require attendance at events outside the university, such as those conducted by the Centre for Research in Communication and Information Technology.

**Class requirements:** Thirteen 2 to 3-hour sessions spread across the teaching year.

**Assessment:** two 2,500-word essays (50% each).

**Recommended reading:**

Booth, W. C. et al *The craft of research*, University of Chicago 1995.

Hansen, A. et al *Mass communication research methods*, Macmillan 1998.

**MEDIA STUDIES 4 CIP: current issues in communication policy (20 CPs. Sem. I. Bu.) MS4CIP Dr Peter White**

In this subject government policies which help to shape broadcasting, telecommunications and newspaper publishing are examined. This examination of communication policies is important because of the increasing social and economic importance of the communication and information industries, and because of the world-wide movement towards re-regulation and de-regulation. Topics for study include: telecommunications and privacy, universal access to telecommunications services, ownership and control of the press, regional broadcasting in Asia, the changing role of national broadcasting and regulation of the Internet.

**Class requirements:** one 3-hour lecture or seminar each week.

**Assessment:** one 1500-word annotated bibliography (20%), one verbal seminar presentation (15%), participation in seminar (10%), and one 3,500-word essay (55%).

**Preliminary reading:**

Ferguson, M. *New technologies and the public interest: comparative perspectives on policy research*, Sage 1986.

Garnham, N. *Capitalism and communication: global culture and the economics of information*, Sage 1990.

Shapiro, C. and Varian, H. R. *Information rules: A strategic guide to the network economy*, Harvard Business School Press, 1999.

White, P. B. (ed.) *Digital worlds*, special issue of *Media Information Australia* 1993.

**MEDIA STUDIES 4 MM: media on the media (20 CPs. Sem. II. Bu.)**

**MS4MM Mr John Benson**

Assessment and reference information will be provided at the first seminar session.

The media, as social institutions, control their own representation. A significant part of public perception of the media is derived from such representations, for example newspaper reports of struggles for ownership and control of media institutions, or television narratives set in television or film studios or newspaper offices. Through a study of selected examples, students consider the self-referential and intertextual aspects of the media and the issues these raise for more general media study, including issues of process, such as the difference between criticism and reviewing and particularly of ethics, for instance, claims of the impartiality of media reporting, or arguments pitting the public's right to know against the individual's right to privacy. Theories of communication are tested against such complex and intractable examples and the implications for the teaching of media studies are explored.

**Class requirements:** one 3-hour lecture or seminar each week.

**Assessment:** one 5,000-word essay (100%).

**MEDIA STUDIES 4 RCA: reading course (20 CPs. Sem. I. Bu.)**

**MS4RCA Dr Peter Hughes**

A limited number of students may be permitted to undertake an individual reading course by arrangement with an appropriate member of staff. The subject provides selected students with an opportunity to make a more detailed study of some particular aspect of media study. A program of reading, discussion and written work is organised.

**Incompatible subject:** MS4RCB/MS5RCB.

**Class requirements:** determined in each individual case.

**Assessment:** determined for individual cases to a total of 5,000-words.

**MEDIA STUDIES 4 RCB: reading course (20 CPs. Sem. II. Bu.)**

**MS4RCB Dr Peter Hughes**

A limited number of students may be permitted to undertake an individual reading course by arrangement with an appropriate member of staff. The subject provides selected students with an opportunity to make a more detailed study of some particular aspect of media study. A program of reading, discussion and written work is organised. Approval is normally given only if there is no substantial overlap between the proposed topic and the content of an existing subject.

**Incompatible subject:** MS4RCA/MS5RCA.

**Class requirements:** determined in each individual case.

**Assessment:** determined for individual cases to a total of 5,000-words.

## MEDIA STUDIES 4 WIM: women in media (20 CPs. Sem. 1. Bu.)

MS4WIM Dr Terrie Waddell

In this subject students consider the relationship of feminist theory in an historical context to questions of news media representations involving women as creator and/or subject. Examples for consideration are drawn from the newspaper and magazine media, television and new technologies. Theoretical approaches to these diverse media forms will be suggested and elaborated in a series of classroom exercises.

**Class requirements:** one 3-hour lecture or seminar per week.

**Assessment:** one 2,000-word essay (40%), and one 3,000-word essay (60%).

### Recommended reading:

Creedon, P. (ed.) *Women in communication*, 2nd edn, Sage 1993.

Feuer, J. *Seeing through the eighties: television and Reaganism*, Duke UP 1995.

Rowe, K. *The unruly woman: gender and the genres of laughter*, University of Texas 1995.

## Modern Greek

See also *ancient Greek, ancient Mediterranean studies and European studies*.

The Department of Hellenic Studies offers a variety of programs in ancient and/or modern Greek at a variety of levels, from beginners to advanced. The modern Greek program combines the study of the Greek language, with particular emphasis on the spoken and written language of contemporary Greece, with the study of literature, history, society and culture.

First year subjects combine these aspects, while later year subjects provide students with the opportunity to pursue more particular areas of interest.

### Programs of study in Modern Greek

Students who wish to qualify for a degree by taking a major in modern Greek must complete at least 150 credit points, with at least 80 credit points at third year level. The equivalent of 110 credit points must comprise a sequence of core subjects. At first year level, students who wish to major in Modern Greek must take two core language subjects at an appropriate level (15 credit points each) plus Modern Greek 1 GG: Greece and Greeks in the 20th century (15 credit points)

The core language subjects must be taken at a level appropriate to the student's knowledge of the Greek language at entry to the course. Students with no knowledge of modern Greek should select Modern Greek 1 BA-1, 1 BA-2 and 1 GG. Students who have passed VCE Modern Greek or its equivalent must select Modern Greek 1 PVC-1, 1 PVC-2 and 1 GG. Students with less knowledge of Modern Greek than is required to pass in VCE Modern Greek should select Modern Greek 1 IM-1, 1 IM-2 and 1 GG.

### First year subjects

Sem.	15 credit points
1	European Studies 1 IMG inventing Modern Greece
1	Modern Greek 1 BA-1: beginners modern Greek 1 <sup>2</sup>
1	Modern Greek 1 IM-1: intermediate modern Greek 1 <sup>2</sup>
1	Modern Greek 1 PVC-1: post-VCE modern Greek 1 <sup>2</sup>
2	European Studies 1 GB Greece and the Balkans in the 20th century
2	Modern Greek 1 BA-2: beginners modern Greek 2 <sup>2</sup>
2	Modern Greek 1 GG: Greece and Greeks in the 20th century <sup>2</sup>
2	Modern Greek 1 IM-2: intermediate modern Greek 2 <sup>2</sup>
2	Modern Greek 1 PVC-2: post-VCE modern Greek 2 <sup>2</sup>

### Second year subjects 20 credit points

1	Modern Greek 2 CB-1: continuing beginners modern Greek 1 <sup>2</sup>
2	Modern Greek 2 CB-2: continuing beginners modern Greek 2 <sup>2</sup>

### Second or third year subjects 20 credit points

1	Modern Greek 2 TGL/3 TGL: twentieth century Greek literature <sup>2</sup>
1	Modern Greek 2 VMG/3 VMG: varieties of modern Greek <sup>2</sup>
1	European Studies 2 EEC/3EEC ethnic and civil conflict in Cyprus and southern Europe
1	Modern Greek 2 FS/3 FS: formal standard modern Greek 1 <sup>1</sup>
1	Modern Greek 2 GC/3 GC: Greek in contact with English in Australia <sup>1</sup>
1	Modern Greek 2 PA-2/3 PA-1: pre-advanced modern Greek 1 <sup>2</sup>
1	Modern Greek 2 TH/3 TH: modern Greek theatre <sup>1</sup>
2	Modern Greek 2 PP/3 PP: modern Greek for professional purposes <sup>2</sup>
2	European Studies 2 TTH/3 TTH transterritorial Hellenism
2	Modern Greek 2 CWJ/3 CWJ: creative writing and journalism in modern Greek <sup>1</sup>
2	Modern Greek 2 GAI/3 GAI: the history of immigration of Greeks in Australia

2	Modern Greek 2 LTA/3 LTA: issues in teaching modern Greek <sup>1</sup>
2	Modern Greek 2 MCL/3 MCL: modern Cypriot literature <sup>1</sup>
2	Modern Greek 2 PA-2/3 PA-2: pre-advanced modern Greek 2 <sup>2</sup>
S/1/2	Modern Greek 2SAP/3SAP: modern Greek study abroad program in Greece or Cyprus <sup>2</sup>

### Third year subjects

20 credit points

1	Modern Greek 3 GAW: Greek-Australian writings <sup>-1</sup>
1	Modern Greek 3 MD: Greek mothers and daughters: gender and tradition in modern Greek culture and society <sup>2</sup>
2	Modern Greek 3 TBA: modern Greek translation for business and administration <sup>1</sup>
2	Modern Greek 3 TLM: modern Greek translation: legal and medical <sup>2</sup>
S/1/2	Modern Greek 3 RC: individual reading subject

Key: <sup>1</sup> Not available in 2000. <sup>2</sup> Core subjects.

### Honours in Modern Greek

Students who fulfil the requirements for a major in modern Greek and who perform well in their work (at least a B-average in modern Greek subjects) are strongly encouraged to enrol in the honours program at fourth year level. Students who wish to enrol in the honours program should apply by September of their third year of study. The honours and masters preliminary program has two components, course-work and a thesis. For the course-work component, students are required to complete the equivalent of 60 credit points of fourth year subjects. Course-work counts for 50% of the final honours assessment. For the research component, students are required to complete a 10,000 to 12,000-word thesis on an approved topic under the guidance of an approved supervisor. The thesis is to be submitted for marking during the second semester and it counts for 50% of the final honours assessment.

### Fourth year subjects

20 credit points

1	Modern Greek 4 GAW: Greek-Australian writings <sup>1</sup>
1	Modern Greek 4 MD: Greek mothers and daughters: gender and tradition in modern Greek culture and society
2	Modern Greek 4 TBA: modern Greek translation for business and administration <sup>1</sup>
2	Modern Greek 4 TLM: modern Greek translation: legal and medical

### Fourth or fifth year subjects

20 credit points

1	Modern Greek 4 DL/5 DL: modern Greek dialectology <sup>1</sup>
1	Modern Greek 4 NGL/5 NGL: nineteenth century Greek literature
1	Modern Greek 4 PCF/5 PCF: modern Greek popular culture and folklore <sup>1</sup>
2	Modern Greek 4 GIL/5 GIL: gender issues in modern Greek literature
2	Modern Greek 4 MCW/5 MCW: modern Cypriot writings <sup>1</sup>
S/1/2	Modern Greek 4 RC/5 RC: individual reading subject

Key: <sup>1</sup> Not available in 2000.

### Subject descriptions

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

### MODERN GREEK 1 BA-1: beginners modern Greek 1 (15 CPs. Sem. 1. Bu.) MG1BA1 Mr Thanasis Spiliadis

This subject is for complete beginners and allows students to acquire practical skills in understanding and expressing basic information, such as personal details, needs, wishes, likes and dislikes in speech and writing. Relevant aspects of contemporary Greek society and culture are also introduced. The emphasis throughout is on practice at listening, reading, speaking and writing Greek in everyday situations, with various audio-visual aids being used.

**Incompatible subject:** MG1SWA offered prior to 1997.

**Class requirements:** two 2-hour practical language classes per week. **Assessment:** regular assignments and class exercises (30%), two 1-hour written tests (30%), one oral-aural test (30%), and class participation (10%).

### Prescribed reading:

Demetra, D. and Papacheimona, D. *Greek now 1 + 1*, Nostos 1992. Hardy, D. A. and Doyle, T. A. *Greek language and people*, BBC 1983.

### MODERN GREEK 1 BA-2: beginners modern Greek 2 (15 CPs. Sem. II. Bu.) MG1BA2 Ms Helen Nickas

This subject is a continuation of Modern Greek 1 BA-1 with students learning to handle common interpersonal transactions in Greek with confidence as well as to understand and produce (in speech and writing) simple descriptions, narrations and expressions of attitudes and opinions. Relevant aspects of contemporary Greek society and culture are also introduced. The emphasis continues to be on practice at listening, reading, speaking and writing Greek in everyday situations, but students are also introduced to the structure of the language.



**Prerequisite:** MG1BA1 or equivalent.

**Incompatible subject:** MG1SWA offered prior to 1997.

**Class requirements:** two 2-hour practical language classes per week.

**Assessment:** regular assignments and class exercises (30%), two 1-hour written tests (30%), two oral-aural tests (30%), and class participation (10%).

**Prescribed reading:**

Demetra, D. and Papacheimona, D. *Greek now 1 + 1*, Nostos 1992.

Hardy, D. A. and Doyle, T. A. *Greek language and people*, BBC 1983.

**MODERN GREEK 1 GG: Greece and Greeks in the twentieth century (15 CPs. Sem. II. Bu.) MG1GG Dr Gabriella Etmektsoglou**

In this subject the political, social and economic institutions of contemporary Greece and Cyprus are studied against the background of the major events of 20th century Greek history, commencing with the aftermath of the Asia Minor disaster of 1922. Among the issues explored are the impact on Greek society and culture of political instability, dictatorships, foreign occupation, civil war, mass migration, belated industrialisation, urbanisation and Europeanisation.

**Incompatible subject:** ES1GB ES1HICS2 offered prior to 2000.

**Class requirements:** one 2-hour lecture and one one-hour tutorial per week.

**Assessment:** one 500-word tutorial paper (15%), one 2,000-word essay (40%), one 90-minute test (35%), and tutorial participation (10%). Alternatively students may complete one 500-word tutorial paper (15%), one 2,000-word essay (40%), one 1,500-word reflective essay (35%), and tutorial participation (10%).

**Prescribed reading:**

Source documents and readings provided by the Department.

**MODERN GREEK 1 IM-1: intermediate modern Greek (15 CPs. Sem. I. Bu.) MG1IM1 Ms Helen Nickas**

Students learn to discuss issues relating to contemporary Greek and Australian society in Greek, extending their vocabulary and knowledge of grammar. Oral and literacy skills are developed, primarily through use of news media reports, magazine articles and film.

**Prerequisite:** Admission is based on a placement test prior to enrolment. This subject is not for students who have attempted VCE Modern Greek. Such students must enrol for MG1PVC1.

**Incompatible subject:** MG1SWB/MG2SWB and MG1BB1 offered prior to 1998.

**Class requirements:** three 1-hour practical language classes per week.

**Assessment:** regular assignments and class exercises (30%), two 1-hour written tests (30%), one oral-aural test (30%), and class participation (10%).

**Prescribed reading:**

Demetra, D. and Papacheimona, D. *Greek now 2 + 2*, Nostos 1992.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 1 IM-2: intermediate modern Greek 2 (15 CPs. Sem. II. Bu.) MG1IM2 Mr Thanasis Spiliadis**

Students learn to talk and write in Greek about a wide range of aspects of modern Greek culture and society in an informed and coherent manner and to interpret short literary texts. Vocabulary and knowledge of grammar are systematically extended in the course of these readings and discussions.

**Prerequisite:** MG1IM1 or equivalent. This subject is not for students who have attempted VCE Modern Greek; such students must enrol for MG1PVC2.

**Incompatible subject:** MG1SWB/MG2SWB and MG1BB2 offered prior to 1998.

**Class requirements:** three practical language classes per week.

**Assessment:** regular assignments and class exercises (20%), one 500-word essay in Greek (20%), two 1-hour written tests (25%), one oral-aural test (25%), and class participation (10%).

**Prescribed reading:**

Demetra, D. and Papacheimona, D. *Greek now 2 + 2*, Nostos 1992.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 1 PVC-1: post-VCE modern Greek 1 (15 CPs. Sem. I. Bu.) MG1PVC1 Ms Maria Herodotou**

In this subject, Year 12 level Greek skills are consolidated and extended through exercises in understanding a variety of authentic spoken and written materials and through practice at speaking and writing with due attention to grammatical accuracy and appropriate usage. The materials used also serve as an introduction to contemporary Greek society and culture.

**Prerequisite:** VCE modern Greek or equivalent.

**Incompatible subject:** MG1LCA1 (1997-8) MG1LA or MG1A (prior to 1997).

**Class requirements:** one 1-hour lecture and one 2-hour practical language class per week.

**Assessment:** regular assignments up to 1,500-words (40%), one 2-hour written test (30%), one oral-aural test (20%), and class participation (10%).

**Prescribed reading:**

Panagopoulou, E. and Hatzipanayiotidi, A. *Ellinika yia prohorimenous*, Triandafyllidis Foundation 1997.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 1 PVC-2: post-VCE modern Greek 2 (15 CPs. Sem. II. Bu.) MG1PVC2 Ms Maria Herodotou**

Students' oral and literacy skills in Greek are consolidated and extended through exercises in understanding a variety of authentic spoken and written materials and through practice at speaking and writing with due attention to grammatical accuracy and appropriate usage. The materials used also serve as an introduction to contemporary Greek society and culture.

**Prerequisite:** MG1PVC1 or equivalent.

**Incompatible subject:** MG1LCA2 (1997-8) MG1LA or MG1A (prior to 1997).

**Class requirements:** one 1-hour lecture and one 2-hour practical language class per week.

**Assessment:** regular assignments up to 1,500-words (40%), one 2-hour written test (30%), one oral-aural test (20%), and class participation (10%).

**Prescribed reading:**

Panagopoulou, E. and Hatzipanayiotidi, A. *Ellinika yia prohorimenous*, Triandafyllidis Foundation 1997.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 2 CB-1: continuing beginners modern Greek 1 (20 CPs. Sem. I. Bu.) MG2CB1 Ms Helen Nickas**

Students learn to discuss issues relating to contemporary Greek and Australian society in Greek, extending their vocabulary and knowledge of grammar. Oral and literacy skills are developed through use of news media reports, magazine articles and film.

**Prerequisite:** MG1BA2 or equivalent.

**Incompatible subject:** MG1SWB/MG2SWB and MG2BB1 offered prior to 1998.

**Class requirements:** three 1-hour practical language classes per week.

**Assessment:** regular assignments and class exercises (30%), two 1-hour written tests (30%), two oral-aural tests (30%), and class participation (10%).

**Prescribed reading:**

Demetra, D. and Papacheimona, D. *Greek now 2 + 2*, Nostos 1992.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 2 CB-2: continuing beginners modern Greek 2 (20 CPs. Sem. II. Bu.) MG2CB2 Mr Thanasis Spiliadis**

Students learn to talk and write in Greek about a wide range of aspects of modern Greek culture and society in an informed and coherent manner and to interpret short literary texts. Vocabulary and knowledge of grammar are systematically extended in the course of these readings and discussions.

**Prerequisite:** MG2CB-1 or equivalent.

**Incompatible subject:** MG1SWB/MG2SWB and MG2BB2 offered prior to 1998.

**Class requirements:** three 1-hour practical language classes per week.

**Assessment:** regular assignments and class exercises (20%), two 500-word essays in Greek (20%), two 1-hour written tests (25%), two oral-aural tests (25%), and class participation (10%).

**Prescribed reading:**

Demetra, D. and Papacheimona, D. *Greek now 2 + 2*, Nostos 1992.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 2 CWJ: creative writing and journalism in modern Greek (20 CPs. Sem. II. Bu.) MG2MCWJ Ms Helen Nickas**

Not available in 2000.



**MODERN GREEK 2 FS: formal standard Modern Greek (20 CPs.**

*Sem. I. Bu.) MG2FS Ms Maria Herodotou.*

*Not available in 2000.*

**MODERN GREEK 2 GAI: history of the immigration of Greeks in Australia (20 CPs. Sem. II. Bu.) MG2GAI Professor Tasos Tamis**

In this subject aspects of the history of pre- and post-World War II settlement of Greeks in Australia are studied, such as employment and living conditions, the development of Greek communities, the role of the Greek Church, the provision of Greek religious and language instruction, the creation of the Greek language press and electronic media, and the entry of Greeks into the mainstream of Australian society, culture and politics. The prospects for the future of the Greek-Australian community are also considered.

*Prerequisite:* MG1IM2 or equivalent.

*Class requirements:* one 1-hour lecture and one 2-hour workshop per week.

*Assessment:* one 1,000-word tutorial paper (20%), one 2,000-word essay (35%), one 2-hour test (35%), class participation (10%).

**Prescribed reading:**

Gilchrist, H. *Australians and Greeks* vols. 1 and 2, Halstead Press, Sydney, 1992 and 1997.

Price C. *Greeks in Australia*, ANU Press 1975.

Kapardis, A. and Tamis, T. *Afstraliotes Hellenes*, River Seine Press 1988.

Dimitreas, Y. *Transplanting the Agora* Allen & Unwin, 1998.

**MODERN GREEK 2LTA: issues in teaching modern Greek A (20 CPs.**

*Sem. II. Bu.) MG2LT Professor Tasos Tamis.*

*Not available in 2000.*

**MODERN GREEK 2 PA-1: pre-advanced modern Greek 1 (20 CPs.**

*Sem. I. Bu.) MG2PA1 Ms Maria Herodotou*

Students' skills in Greek are consolidated and extended through exercises in understanding a variety of authentic spoken and written materials and through practice at speaking and writing. Due attention is given to grammatical accuracy and appropriate usage. The materials used also serve as an introduction to contemporary Greek society and culture.

*Prerequisite:* MG1RM2, MG2CB2 or equivalent.

*Incompatible subject:* MG1/2/3SWC (prior to 1997).

*Class requirements:* one 1-hour lecture and one 2-hour practical language class per week.

*Assessment:* regular assignments up to 2,000-words (40%), one 1-hour and one two-hour written test (30%), one oral-aural test (20%), and class participation (10%).

**Prescribed reading:**

Panagopoulou, E. and Hatzipanayiotidi, A. *Ellinika yia prohorimenous*, Triandafyllidis Foundation 1997.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 2 PA-2: pre-advanced modern Greek 2 (20 CPs.**

*Sem. II. Bu.) MG2PA2 Ms Maria Herodotou*

In this subject, students' oral and literacy skills in Greek are consolidated and extended through exercises in understanding a variety of authentic spoken and written materials and through practice at speaking and writing. Due attention is given to grammatical accuracy and appropriate usage. The materials used also serve as an introduction to contemporary Greek society and culture.

*Prerequisite:* MG2PA1/MG3PA1 or equivalent.

*Incompatible subject:* MG1LA or MG1A (prior to 1997).

*Class requirements:* one 1-hour lecture and one 2-hour practical language class per week.

*Assessment:* regular assignments up to 2,000-words (30%), one 1,000-word project (15%), one 2-hour written test (25%), one oral-aural test (20%), and class participation (10%).

**Prescribed reading:**

Panagopoulou, E. and Hatzipanayiotidi, A. *Ellinika yia prohorimenous*, Triandafyllidis Foundation 1997.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.

**MODERN GREEK 2 PP: modern Greek for professional purposes (20**

*CPs. Sem. II. Bu.) MG2PPMs. Anna Chatzinikolaou*

In this subject students' ability to use Modern Greek in professional and academic contexts is enhanced by studying material from a range of Greek professional, academic and scientific literature, broadcasts and documentaries and through assignments involving practical application of the higher and technical registers of Modern

Greek. Professional fields covered include education, law, medicine, social services, science, engineering, trade, banking, accounting and tourism. Advanced Greek grammar, syntax and appropriate vocabulary is studied and practised.

*Prerequisite:* MG1IM2 or equivalent.

*Class requirements:* one 1-hour lecture and one 2-hour practical class per week.

*Assessment:* regular assignments of up to 1,500 words (25%), one 750-word project (15%), class participation and oral presentation (10%), one 2-hour written test (30%), one oral-aural test (20%).

**Prescribed reading:**

Holton, D., Mackridge, P. and Philippaki-Warbuton, I. *Greek: a comprehensive grammar of modern language* Routledge 1997.

Valsamaki-Tzekaki, Ph. et al. *Ellinika kai epistimi* University Studio Press 1997.

Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary* OUP 1982.

Stavropoulos, D. *Oxford Greek-English learner's dictionary*.

**MODERN GREEK 2 SAP: study abroad program in Greece or Cyprus**

*(20 CPs. Summer or Sem. I or II, Bu.) MG2SAPMr. Chris Fifis*

In this subject, selected students undertake an intensive programme of formal language-learning and cultural immersion of four to six weeks' duration in Greece or Cyprus, approved by the Department. Eligible programs are offered by several Greek universities,

including the University of Thessaloniki with which La Trobe has a formal exchange agreement. If the number of interested students warrants and circumstances allow, the program may be partly taught in Greece / Cyprus by a member of the Department's staff. Students enrolling in this subject must pay their own airfares and meet their personal travel, accommodation and living expenses in Greece / Cyprus. Scholarships are available on a competitive basis to assist with such expenses, including the Vice-Chancellor's Travel Awards at La Trobe University, and those offered by Greek / Cypriot tertiary institutions. Details are available from the coordinator.

*Prerequisite:* Completion of two first-year Modern Greek language subjects with at least grade C and the coordinator's approval.

*Class requirements:* a minimum of 80 hours of intensive language instruction in Greece or Cyprus over four to six weeks, and prescribed cultural activities in Greece / Cyprus.

*Assessment:* exercises and tests prescribed for in-country language program (60%). One 1,500-word diary describing and discussing cultural activities attended in Greece / Cyprus to be submitted by a date specified for each student (40%).

**MODERN GREEK 2 TGL: twentieth century Greek literature (20 CPs.**

*Sem. I. Bu.) MG2TGL Ms Maria Herodotou*

In this subject students are introduced to selected examples of Greek poetry and short fiction written in the twentieth century and develop techniques for their interpretation and analysis. The selections represent the major thematic preoccupations of Greek writers during this period and their connection with historical, political and social developments is explored, as are the characteristics of the different genres and styles of writing. Texts studied include poetry by Cavafy, Karyotakis, Varnalis, Seferis, Ritsos and Elytis, and prose by Doucas, Myrivilis, Chatzis, Millieux, Samarakis, Vasilikos and Ioannou.

*Prerequisite:* MG1IM2 or equivalent.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week.

*Assessment:* one 1,000-word tutorial paper (20%), one 2,000-word essay (35%), and one 2-hour test (35%), class participation (10%).

**MODERN GREEK 2 TH: Modern Greek theatre (20 CPs. Sem. I. Bu.)**

**MG2TH Ms Anna Chatzinikolaou.**

*Not available in 2000.*

**MODERN GREEK 2 VMG: varieties of modern Greek (20 CPs. Sem. I. Bu.) MG2VMG Ms Maria Herodotou**

In this subject, students learn to identify the characteristics of phonology, morphology, syntax and lexicon which distinguish informal, colloquial and non-standard varieties of Modern Greek from the formal standard language. Theory of linguistic variation, including differences between spoken and written forms, informal and formal style/registers, and regional/social dialects are studied with specific reference to Modern Greek. Contemporary issues such as the impact on the Greek language of Globalisation, information technology and Political Correctness are also considered. Appropriate use of the varieties of spoken and written Greek is practised with due attention to grammar and usage.

*Prerequisite:* MG1IM2 or equivalent.

*Class requirements:* one 1-hour lecture and one 2-hour practical language class per week.

**Assessment:** regular assignments up to 1,500 words (25%), one 750-word project (15%), one 2-hour written test (30%), one oral-aural test (20%), class participation (10%).

**Prescribed reading:**

Demiri-Prodromidou, E. et al., *I glossa ton idiotismon ke ton ekfraseon*, University Studio Press Thessaloniki 1990.  
 Holton, D., Mackridge, P. and Philippaki-Warbuton, I. *Greek, a comprehensive grammar of the modern language*, Routledge 1997.  
 Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary*, OUP 1982.  
 Stavropoulos, D. *Oxford Greek-English learner's dictionary*, OUP 1988.  
 Tsokatlidou, R. *Odigos mi sexistikis glossas*.  
 Other audio and written material supplied by the department.

**MODERN GREEK 3 CWJ: creative writing and journalism in modern Greek (20 CPs. Sem. II. Bu.)** **MG3CWJ** Ms Helen Nickas  
 Not available in 2000.

**MODERN GREEK 3 FS: formal standard modern Greek (20 CPs. Sem. I. Bu.)** **MG3FS** Ms Maria Herodotou  
 Not available in 2000.

**MODERN GREEK 3 GAI: history of the immigration of Greeks in Australia (20 CPs. Sem. II. Bu.)** **MG3GAI** Professor Tasos Tamis  
 See *Modern Greek 2 GAI* for full details.

**Assessment:** Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students

**MODERN GREEK 3 GAW: Greek-Australian writings (20 CPs. Sem. I. Bu.)** **MG3GAW** Ms Helen Nickas.  
 Not available in 2000.

**MODERN GREEK 3 PA-1: pre-advanced modern Greek 1 (20 CPs. Sem. I. Bu.)** **MG3PA1** Ms Maria Herodotou  
 See *Modern Greek 2 PA-1* for full details.

**Assessment:** Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MODERN GREEK 3 PA-2: pre-advanced modern Greek 2 (20 CPs. Sem. II. Bu.)** **MG3PA2** Ms Maria Herodotou  
 See *Modern Greek 2 PA-2* for full details.

**Assessment:** Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MODERN GREEK 3 LTA: issues in teaching modern Greek A (20 CPs. Sem. I. Bu.)** **MG3LTA** Professor Tasos Tamis.  
 Not available in 2000.

**MODERN GREEK 3 MD: mothers and daughters: gender and tradition in modern Greek culture and society (20 CPs. Sem. I. Bu.)** **MG3MD** Ms. Helen Nickas

In this subject, mother-daughter relationships in modern Greek culture will be studied in their socio-historical context. Various writings will be examined dating from the mid-19th century when Greek women began to protest about their traditionally subservient roles, through to the late 20th century, when the second feminist movement saw the emergence of women in the public sphere, many of them exploring the mother-daughter relationship for the first time in creative writing. Texts from Greece, Cyprus and Australia will be examined, the last documenting the role of tradition in the Diaspora.  
**Prerequisite:** MG2PA or equivalent.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** one 1,000-word exercise (20%), one 2,000-word seminar paper (35%), one 2-hour written test (35%), class participation (10%).

**Preliminary reading:**

Xiradaki, K. *To feministiko kinima stin Ellada* Glaros 1988.  
 Hart, J. *New voices in the nation: women and the Greek resistance, 1941-1964* Cornell University Press 1996.

**Prescribed reading:**

A handbook of readings compiled by the department will be available from the Bookshop.  
 Tachtsis, K. *To trito stefani* Ermis.  
 Fakinou, E. *To evdomo rouho* Kastaniotis.  
 Papadiamantis, A. *I fonissa* Pella.  
 Nickas, H. and K. Dounis (eds.) *Re-telling the Tale*, Owl Publishing 1994.

**MODERN GREEK 3 RC: individual reading subject (20 CPs Summer or Sem. I or II. Bu.)** **MG3RC**

A limited number of students studying modern Greek may be permitted to take an individual reading subject. After consultation with an appropriate member of staff who agrees to act as supervisor, students wishing to take this subject should submit to the Departmental chairperson details of their proposed topic for approval, including bibliography. Approval is not given if there is substantial overlap between the proposed topic and the content of an existing subject. Students may enrol in this subject only if they have already completed all other optional subjects available.

**Prerequisite:** Departmental chairperson's approval.

**Class requirements:** regular supervision sessions as arranged for each student.

**Assessment:** two tutorial reports (20%), one, 1,000-word paper (20%), and two 1,500-word essays (60%).

**MODERN GREEK 3 SAP: study abroad program in Greece or Cyprus (20 CPs. Summer or Sem. I or II. Bu.)** **MG3SAP** Mr. Chris Fiftis  
 See *Modern Greek 2 SAP* for full details.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MODERN GREEK 3 TGL: twentieth century Greek literature (20 CPs. Sem. I. Bu.)** **MG3TGL** Ms. Maria Herodotou  
 See *Modern Greek 2 TGL* for full details.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MODERN GREEK 3 TH: Modern Greek theatre (20 CPs. Sem. I. Bu.)** **MG3TH** Ms Anna Chatzinikolaou  
 Not available in 2000.

**MODERN GREEK 3 PP: modern Greek for professional purposes (20 CPs. Sem. II. Bu.)** **MG3PP** Ms. Anna Chatzinikolaou  
 See *Modern Greek 2 PP* for full details.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**GREEK 3 TBA: Modern Greek translation for business & administration (20 CPs. Sem. II. Bu.)** **MG3TBA** Mr Chris Fiftis  
 Not available in 2000.

**MODERN GREEK 3 TLM: translation: legal and medical (20 CPs. Sem. II. Bu.)** **MG3TLM** Mr. Chris Fiftis

In this subject students are introduced to the theory and practice of translation of selected types of legal and medical texts from English into Greek and vice versa. In the process advanced skills are developed in written and oral expression and in the interpretation of texts. Topics include overview of legal and medical issues in Greece, Cyprus and Australia, translation techniques, terminology, analysis and evaluation of examples of translation, oral and written summary of texts in the other language, and resources for translators. This subject is appropriate for those interested in seeking employment requiring bilingual skills or in later obtaining professional qualifications in translation and interpreting.

**Prerequisite:** MG2PA2 or equivalent.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** regular assignments up to 1,500 words (25%), one 1,000-word translation project (20%), one 500-word skills-related diary (15%), and one 2-hour written test (30%), class participation (10%).

**Prescribed reading:**

Gentzler, E. *Contemporary translation theories* Routledge.  
 Holton, D., Mackridge, P. and Philippaki-Warbuton, I. *Greek, a comprehensive grammar of the modern language* Routledge 1997.  
 Robinson, L. *A handbook for legal interpreters* The Law Book Co.  
 Stavropoulos, D. and Hornby, A. *Oxford English-Greek learner's dictionary* OUP 1982.  
 Stavropoulos, D. *Oxford Greek-English learner's dictionary* OUP 1988.

**MODERN GREEK 3 VMG: varieties of modern Greek (20 CPs. Sem. I. Bu.)** **MG3VMG** Ms Maria Herodotou  
 See *Modern Greek 2 VMG* for full details.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**MODERN GREEK 4 DL: Greek dialectology (20 CPs. Sem. I. Bu.)** **MG4DL** Professor Tasos Tamis  
 Not available in 2000.

**MODERN GREEK 4 GAW: Greek-Australian writings (20 CPs. Sem. I. Bu.) MG4GAW** Ms Helen Nickas  
Not available in 2000.

**MODERN GREEK 4 GIL: gender issues in modern Greek literature (20 CPs. Sem. II. Bu.) MG4GIL** Ms. Anna Chatzinikolaou  
In this subject students develop research and analytical skills by exploring the representation of gender relations in a variety of literary texts. The construction of male images and masculinities, female images and femininities, sexualities, gender roles including motherhood and fatherhood are studied in selected works of modern Greek literature in the framework of theories such as those relating to gender differences and the role of language in establishing and regulating gender divisions.  
**Prerequisite:** Admission to Honours/ Postgraduate Diploma/ MA (by coursework).  
**Class requirements:** one 3-hour seminar per week.  
**Assessment:** one 2,000-word seminar paper (40%), one 3,000-word essay (50%), seminar participation (10%).

**Prescribed reading:**  
Elytis, O. *What I love* Copper Canyon Press.  
Kazantzakis, N. *O kapetan Michalis* E. Kazantzaki.  
Karapanou, M. *I Kassandra kai o lykos* Ermis.  
Mitropoulou, K. *I teleftaia parastasi* Govotsis.  
Tachtsis, K. *Ta resta* Ermis.  
Vakalo, E. *Oi palavres tis kyra-Rodalinas* Ypsilon.  
Xenopoulos, G. *Stella Violanti* Vlasi.  
Zei, A. *I Arravoniastikia tou Achillea* Kedros.

**MODERN GREEK 4 MCW: modern Cypriot writings (20 CPs. Sem. II. Bu.) MG4MCW** Ms Maria Herodotou.  
Not available in 2000.

**MODERN GREEK 4 MD: mothers and daughters: gender and tradition in modern Greek culture and society (20 CPs. Sem. I. Bu.) MG4MD** Ms. Helen Nickas  
See *Modern Greek 3MD* for full details.  
**Assessment:** fourth year students will be expected to show a greater achievement of discipline specific skills in their written work than third year students.

**MODERN GREEK 4 NGL: nineteenth century Greek literature (20 CPs. Sem. I. Bu.) MG4NGL** Ms Maria Herodotou  
In this subject students develop skills in interpretation and analysis of a wide sampling of works of 19th century Greek poetry and prose. The selections represent major thematic preoccupations of Greek writers during the 19th century, and their connection with historical, political and social developments is explored, as are the characteristics of the different genres and styles of writing, which range from the Neoclassical, Romantic to the Realist, and from ethnography and autobiography to satire. The development of the Greek Language Controversy as a literary and social issue is also monitored through the selection of texts.  
**Prerequisite:** Admission to Honours/ Postgraduate Diploma/ MA (by coursework).  
**Class requirements:** one 3-hour seminar per week.  
**Assessment:** one 2,000-word seminar paper (40%), one 3,000-word essay (50%), seminar participation (10%).

**Prescribed reading:**  
Kalvos, A. *Odai*, Ikaros 1988.  
Karkavitsas, A. *O zitianos*.  
Makrygiannis, G. *Apomnimonevmata* Byron.  
Papadiamantis, A. *I fonissa* Nefeli 1988.  
Roidis, E. *I Papissa Ioanna* Ermis 1988.  
Solomos, D. *Poimata* Ikaros 1986.  
Velestinlis, R. *Thourios*.

**MODERN GREEK 4 PCF: modern Greek popular culture and folklore (20 CPs. Sem. I. Bu.) MG4PCF** Professor Stathis Gauntlett.  
Not available in 2000.

**MODERN GREEK 4 RC: individual reading subject (20 CPs. Summer or Sem. I or II. Bu.) MG4RC**  
A limited number of students studying modern Greek may be permitted to take an individual reading subject. After consultation with an appropriate member of staff who agrees to act as supervisor, students wishing to take this subject should submit details of their proposed course, including bibliography, for approval to the Departmental chairperson. Approval is not given if there is substantial overlap between the proposed topic and the content of an existing subject. Students may enrol in this subject only if they have already completed all other optional subjects on offer in 1999.

**Prerequisite:** Departmental chairperson's approval.  
**Class requirements:** regular supervision sessions as arranged for each student.  
**Assessment:** tutorial reports (20%), two 1,000-word papers (20%), and two 2,000-word essays (60%).

**MODERN GREEK 4 TBA: modern Greek translation for business & administration (20 CPs. Sem. II. Bu.) MG4TBA** Mr Chris Fifis  
Not available in 2000.

**MODERN GREEK 4 TLM: translation: legal and medical (20 CPs. Sem. II. Bu.) MG4TLM**  
Mr. Chris Fifis  
See *MG 3TLM* for full details.

**Assessment:** fourth year students will be expected to show a greater achievement of discipline specific skills in their written work than third year students.

### North American Studies Mr Chris Palmer

Students may qualify for a degree with a major in North American studies by completing at least 150 credit points, including at least 40 credit points at second year level and 80 credit points at third year level, from the subjects listed below. A major is made up of approved combinations of subjects from the disciplines of art history, cinema studies, English, history, legal studies and politics.

### Important notice

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

### Programs of study

#### First year subjects 15 credit points

Anthropology 1 AG: introduction to anthropology  
Anthropology 1 AJ: introduction to anthropology  
Archaeology 1 C: introduction to the archaeology of civilisation  
Art History 1 B: constructing the modern  
Cinema Studies 1 A: introduction to film analysis  
Cinema Studies 1 B: history of film and film thought  
English 1 CTT: introduction to literature: texts over time  
English 1 LTT: texts over time  
English 1 SRT: telling stories  
History 1 HFA: American history through film, 1500-1877  
History 1 HFB: American history through film, 1877-1999  
Politics 1 B: introduction to Politics: world in transition  
Women's Studies 1 SGSA: sex gender and identity  
Women's Studies 1 SGSB: sex, gender and diversity

#### Second or third year subjects 20 credit points

Archaeology 2 ASC: the archaeology of social complexity  
Archaeology 2 OFP/3 OFP: origins of food production  
Art History 3 AM: twentieth century American art  
Cinema Studies 2 BL/3 BL: film noir  
Cinema Studies 2 CF/3 CF: contemporary film  
Cinema Studies 2 CUS: Hollywood, 1914-46  
Cinema Studies 2 GS/3 GS: gangster film  
Cinema Studies 2 MM/3 MM: melodrama  
Cinema Studies 2 SCR/3 SCR: the screen play  
English 2 AFR/3 AFR: Afro-American popular culture: an introduction  
English 2 ALT/3 ALT: American literature of the twentieth century  
English 2 WWA/3 WWA: women writing A  
English 2 WWB/3 WWB: women writing B  
History 2 CF/3 CF: Canada and the Canadian frontier  
History 2 COA/3 COA: the Cold War  
History 2 FHCA/3 FHCA: family, household and community A  
History 2 FHCB/3 FHCB: family, household and community B  
History 2 PWA/3 PWA: the USA since 1945  
History 2 UAA/3 UAA: slavery and sectionalism in the United States  
History 2 UAB/3 UAB: civil war and reconstruction  
History 2 UBA/3 UBA: the USA 1900-1945  
History 2 WAM/3 WAM: women in America  
Politics 2 F: the Cold War and the great powers since 1945  
Politics 2 UC/3 UC: cultural politics in the United States  
Sociology 2 BM/3 BM: back to the modern  
Sociology 2 PMC/3 PMC: post-modern cities and planning  
Sociology 2 SPM/3 SPM: sociology of popular music  
Women's Studies 2 SCC/3 SCC: sexuality: construct, critique and culture

### Peace Studies Dr Thomas Weber (Politics)

Students may qualify for a degree with a major in peace studies by taking approved combinations of subjects. These subjects focus on the study of peace and violence, causes of conflict and conflict resolution. Students intending to enrol for a major in peace studies should consult the coordinator for the area.

**Programs of study**

Students who wish to qualify for a degree by taking a major in peace studies must normally complete 150 credit points from those listed below, including the core subject, Politics 2 PC/3 PC: peace and change. At least 40 credit points of the 150 credit points must be at second year level and at least 80 credit points must be at third year level.

**Important notice**

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

**First year subjects**

Students are advised to take Politics 1 IRA and Politics 1 IRB, although any other first year subjects in politics, legal studies, sociology, history or philosophy are acceptable. In choosing first year subjects, students should note the prerequisites for subjects which they plan to take at second and third year levels.

**Second year subjects****20 credit points**

Politics 2 F: international relations: the cold war and the great powers since 1945

**15 credit points**

International Economic Conflict 2

**Second or third year subjects****20 credit points**

History 2 AAS/3 AAS: Aboriginal Australians: the state and resistance

History 2 COA/3 COA: the cold war

History 2 GAW/3 GAW: gender and war: Australian perspective's

History 2 GH/3 GH: genocide and holocaust: Nazi Europe, Central America (Guatemala) and Africa (Rwanda)

History 2 PSA/3 PSA: peasants and politics in Latin America

History 2 PSB/3 PSB: peasants and revolution in Central America 1950-1995

History 2 UAB/3 UAB: civil war and reconstruction in the USA

Legal Studies 2 HRL/3 HRL: human rights in national and international law

Legal Studies 2 PIL/3 PIL: public international law

Philosophy 2 CM/3 CM: contemporary moral problems

Philosophy 2 EE/3 EE: environmental ethics

Philosophy 2 ML/3 ML: values and the meaning of life

Philosophy 2 PLH/3 PLH: philosophy of love and hate

Politics 2 IL/3 IL: international law and international organisations

Politics 2 ME/3 ME: international relations in the Middle East

Politics 2 PC/3 PC: peace and change<sup>1</sup>

Politics 2 WP/3 WP: theories of world politics

Politics 2BK/3BK: internal relations of the Balkans

Sociology 2 CL/3 CL: social change in Latin America

Sociology 2 DD/3 DD: disintegration and dread in modern society

Sociology 2 ES/3 ES: ecology and society

Sociology 2 SMV/3 SMV: social movements

Sociology 2 TD/3 TD: development, culture and society

Sociology 2ABS/3ABS: Aborigines and the state

**15 credit points**

Economic Development 2

**Third year subjects****20 credit points**

Legal Studies 3 DR: dispute resolution

Legal Studies 3 MNL: migration in national and international law

Other subjects may be available, by agreement with the coordinator.

Key: <sup>1</sup> Core subject.

**Philosophy**

The School of Philosophy offers a broad range of subjects, covering most areas of philosophical inquiry. This gives a student majoring in philosophy a wide choice of subjects and presents students majoring in other disciplines with the chance to take philosophy subjects relevant to their major study. The relevance of particular philosophy subjects to the behavioural, biological and physical sciences and to mathematics and computer science is clear. Other philosophy subjects integrate well with a study of English, history, linguistics, music, religious studies, politics, etc. In most cases, the connections are obvious from the descriptions of the subjects, but students should raise the matter with a philosophy adviser if they are interested.

It is difficult to explain philosophy briefly to someone unfamiliar with the discipline. Students unsure of what is involved may get some idea of the issues taken up in philosophical inquiry from the descriptions of the individual subjects. Those seeking to acquaint themselves in more detail with the questions discussed and with the types of reasoning and arguments involved in attempts to answer these questions, are advised to browse through some of the introductory text books on the subject. See, in particular, those listed as preliminary or prescribed reading for the various first year philosophy subjects. Students enrolling in philosophy subjects are expected

to familiarise themselves with the School's rules concerning the submission of written work and the treatment of plagiarism (presenting someone else's ideas or work as your own)

**Programs of study**

Students in the Faculty of Humanities and Social Sciences and in the disciplines of biological sciences, mathematics and physics may take a sequence in philosophy. In Humanities and Social Sciences, philosophy subjects totalling up to 205 credit points may be taken. Students in other Faculties should consult their own Faculty's entry, or their advisers of studies, to discover which subjects are available to them and in what degree combinations. It is possible to take some philosophy subjects in the third year of a course without having taken any in the second year. Students qualifying for a degree by taking a major in philosophy must take at least 150 credit points, 80 credit points of which must be at third year level or creditable as such. Students who wish to satisfy the degree requirements by taking two sequences, one of which is in philosophy, must include 110 credit points of philosophy, 40 credit points at each of second and third year level. Up to 80 credit points of logic subjects can be credited towards such a sequence or major. Certain other non-philosophy subjects, such as those linguistics, and Asian studies subjects listed at the end of this section, may be credited up to a total of 40 credit points in a major, but not in a sequence. Inquiries concerning the crediting of such subjects should be made to the Head of School.

**First year subjects****15 credit points****Sem.**

- 1 Philosophy 1 AP: astronomy and philosophy
- 1 Philosophy 1 CT: critical thinking
- 1 Philosophy 1 KET: knowledge, existence and truth
- 1 Philosophy 1 PHP: philosophy of human psychology
- 1 Philosophy 1 SPP: some philosophical problems
- 2 Philosophy 1 BP: biology and philosophy
- 2 Philosophy 1 HNB: human nature and behaviour<sup>1</sup>
- 2 Philosophy 1 MPP: more philosophical problems
- 2 Philosophy 1 MV: mind and value
- 2 Philosophy 1 PSW: psychoanalysis, self and world

**Second year subjects****20 credit points**

only available to students not enrolled in a BA

- 1 Philosophy 2 HPSA: history and philosophy of science A
- 1 Philosophy 2 PPS: philosophical psychology
- 2 Philosophy 2 HPSB: history and philosophy of science B
- 2 Philosophy 2 PNM: philosophy and the nature of mind

**Second or third year subjects****20 credit points**

- 1 Philosophy 2 CFT-1/3 CFT-1: contemporary feminist thought — part 1
- 1 Philosophy 2 CS/3 CS: certainty and subjectivity
- 1 Philosophy 2 DBK/3 DBK: discourse, body, knowledge
- 1 Philosophy 2 EA/3 EA: ethics
- 1 Philosophy 2 FR/3 FR: Freud
- 1 Philosophy 2 GB/3 GB: Plato, Aristotle and the meaning of being
- 1 Philosophy 2 IPS/3 IPS: introduction to the philosophy of science<sup>1</sup>
- 1 Philosophy 2 JU/3 JU: Jung
- 1 Philosophy 2 LMU/3 LMU: language, meaning and understanding
- 1 Philosophy 2 ME/3 ME: media ethics
- 1 Philosophy 2 MHA/3 MHA: Martin Heidegger's thought — part 1<sup>1</sup>
- 1 Philosophy 2 ML/3 ML: values and the meaning of life<sup>1</sup>
- 1 Philosophy 2 NSP/3 NSP: nature, self and sense of place<sup>1</sup>
- 1 Philosophy 2 PE/3 PE: professional ethics
- 1 Philosophy 2 SC-1/3 SC-1: philosophy of science and psychology
- 1 Philosophy 2 SP/3 SP: structuralism and post-structuralism<sup>1</sup>
- 1 Philosophy 2 TL/3 TL: theories of law<sup>1</sup>
- 2 English 2 CFT-2/3 CFT-2: contemporary feminist thought — part 2<sup>1</sup>
- 2 Philosophy 2 AE/3 AE: aesthetics<sup>1</sup>
- 2 Philosophy 2 CM/3 CM: contemporary moral problems
- 2 Philosophy 2 DTC/3 DTC: deconstructive thought and controversy
- 2 Philosophy 2 HPSR/3 HPSR: revolution in science<sup>1</sup>
- 2 Philosophy 2 HR/3 HR: history and responsibility
- 2 Philosophy 2 HS/3 HS: human subjects
- 2 Philosophy 2 JS/3 JS: Jung seminar
- 2 Philosophy 2 MHB/3 MHB: Martin Heidegger's thought — part 2<sup>1</sup>
- 2 Philosophy 2 MP/3 MP: moral psychology and the structure of mind
- 2 Philosophy 2 PC/3 PC: philosophy with children
- 2 Philosophy 2 PLH/3 PLH: philosophy of love and hate
- 2 Philosophy 2 SB/3 SB: recent philosophy of science
- 2 Philosophy 2 SC-2/3 SC-2: philosophy of science and psychology 2
- 2 Sociology 2 BM/3 BM: back to the modern

**Third year subjects****20 credit points**

- 1 Philosophy 3 RCA: free philosophical studies A
- 2 Philosophy 3 RCB: free philosophical studies B

### Other subjects approved for a major in Philosophy

Students qualifying for a degree by taking a major in philosophy, or by taking two sequences, one of which is in philosophy, should note that no more than 80 credit points of logic subjects may be credited towards a philosophy sequence or major without the specific approval of the Head of the School of Philosophy. This year, the following logic subjects are available.

<b>First year subjects</b>	<b>15 credit points</b>
2 Logic 1 BL: beginning logic	
<b>Second year subjects</b>	<b>20 credit points</b>
1 Logic 2 DL: deductive logic <sup>1</sup>	
2 Logic 2 LUP: logic of uncertainty and probability <sup>1</sup>	
<b>Second or third year subjects</b>	<b>20 credit points</b>
1 Logic 2 AR/3 AR: automated reasoning	
2 Logic 2 AL/3 AL: applied logic	
2 Logic 2 LLC/3 LLC: logic, linguistics and computation <sup>1</sup>	
<b>Third year subject</b>	<b>20 credit points</b>
1 Logic 3 RCA: logic reading course A	

**Key:** <sup>1</sup> Not available in 2000.

### Important notice

Students qualifying for a degree by taking a major in philosophy should note that no more than 40 credit points from the subjects listed below may be credited towards a major without the specific approval of the Head of School. The subjects below may not be credited towards a 110-credit-point sequence.

Not all of the subjects listed below will be available every year; see the subject descriptions for availability and semester of offer.

<b>Second or third year subjects</b>	<b>20 credit points</b>
Asian Studies 2 B/3 B: introduction to Buddhism	
Asian Studies 2 EM/3 EM: Eastern meditational traditions	
Linguistics 2 SE/3 SE: semantics	
Linguistics 2 SY/3 SY: syntax	

### Honours

Inquiries regarding the honours program are welcome from students at any time after completion of their first year and students considering honours are strongly advised to consult the coordinator to plan a suitable major.

To be admitted to the fourth year, or honours, in philosophy, students are normally required to have taken at least a 150 credit point major in philosophy, have obtained an average of at least a B-grade in their philosophy subjects (students who do not have a B average should consult the honours coordinator and may still be considered for admission) and have taken such subjects in their second and third years as will enable them to fulfil the prerequisites of at least three of the honours components offered. Students unable to fulfil this requirement due to the temporary unavailability of some component should inquire of the coordinator as to the availability of a substitute component.

In addition to these requirements, students are strongly advised to have included in their second and third year subjects at least 20 credit points in each of the following areas. Logic, ethics or political philosophy, epistemology and metaphysics and philosophy of science. Any difficulties or queries should be referred to the honours coordinator.

### Philosophy 4

Honours students enrol in Philosophy 4, which consists of three of the fourth year components listed below, plus an honours seminar and a research essay on an approved topic.

Students who are especially keen to take a given component and who have not fulfilled the prerequisites, should consult the lecturer who may in certain circumstances waive the prerequisite, possibly setting additional vacation work in its place.

### Class requirements

Classes in each component are generally lectures or seminars held throughout the year, usually, but not always, of 1.5 hours per week.

### Assessment

In general, students have the option of being assessed by examination, by essays and/or exercises, or by a combination of these. Compulsory examinations may sometimes be introduced and students concerned about this should consult the honours coordinator at the time of enrolment.

### Research essay

An honours student is required to write a research essay on an approved topic. Students are encouraged to commence work on this topic during the long vacation. The research essay must be of approximately 10,000-words. Full details regarding final deadlines

for submission, the weighting of the thesis in the final assessment, presentation requirements, etc. are available from the honours coordinator.

### Honours seminar

Honours students are expected to attend a regular honours seminar to discuss questions related to long essay topics and articles and papers of general philosophical interest.

### Selection of components and approval of thesis topic

Students enrolling for fourth year must see the honours coordinator to arrange the selection of their course components, to have their thesis topic approved and to be assigned to a supervisor. The coordinator is available as an adviser of studies to honours (and potential honours) students. Any student at any level who is considering an honours course will find it useful to consult with the coordinator.

### Availability of components in future years

The School can give an assurance that the following components will be available in the foreseeable future. Philosophy 4 A, Philosophy 4 B, Philosophy 4 C, Philosophy 4 D or 4 J, Philosophy 4 E and Philosophy 4 G. There can be no firm assurance that the other components will be available subsequently.

<b>Fourth-year components</b>	<b>20 credit points</b>
1&2 Philosophy 4 A: epistemology and metaphysics	
1&2 Philosophy 4 B: mathematical logic	
1&2 Philosophy 4 C: philosophy of logic	
1&2 Philosophy 4 D: philosophy of science <sup>1</sup>	
1&2 Philosophy 4 E: ethics	
1&2 Philosophy 4 G: political philosophy	
1&2 Philosophy 4 HMP: European philosophy	
1&2 Philosophy 4 J: philosophy of science	
1&2 Philosophy 4 N: Aristotle	
1&2 Philosophy 4 S: aesthetics	

**Key:** <sup>1</sup> Not available in 2000.

### Subject descriptions

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

### PHILOSOPHY 1 AP: astronomy and philosophy (15 CPs. Sem. I. Bu.)

**P1AP Mr Tim Oakley**

In this subject students study the dramatic example of change in scientific thought known as "the Copernican Revolution", when the belief that the Earth was at the centre of the Universe was replaced by the modern view of the solar system. Questions taken up include: What is scientific knowledge, and how certain is it? What are scientific theories and explanations, and how are they based on evidence? How much is scientific thought affected by non-scientific belief systems, such as religion? This subject is followed naturally by Philosophy 1BP, Biology and Philosophy. Together they form a solid introduction to Philosophy in general and to the History and Philosophy of Science area in particular. No prior scientific study is presupposed.

**Incompatible subject:** P1CBR, P1CBRSC, P2YY, P1HPSASC, P1HPSA.

**Class requirements:** one 1-hour lecture, and one 2-hour workshop per week.

**Assessment:** twelve short answer assignments (25% total) one 1,500-word essay (40%), one 1-hour test (20%), one 600-word essay (15%).

### Prescribed readings:

Kuhn, T. *The Copernican revolution* Harvard UP 1978.

**Source Material in the history of astronomy**, School of Philosophy, La Trobe University.

### PHILOSOPHY 1 BP: biology and philosophy (15 CPs. Sem. II. Bu.)

**P1BP Mr Ross Phillips**

In this subject students will study the development of scientific thinking by investigating changing ideas about the nature of biological reproduction from early thinkers to Charles Darwin in the nineteenth century. The topics will include the kinds of reasoning scientists use and the way in which scientific research programmes arise, change and are abandoned. No prior study of biology is presupposed. While Philosophy 1 AP: astronomy and philosophy is not a prerequisite for this subject, it forms, together with Philosophy 1 BP, a solid introduction to philosophy in general and to history and philosophy of science in particular.

**Incompatible subject:** P1CBR, P1CBRSC, P2YY, P1HPSA, P1HPSASC.

**Class requirements:** one 1-hour lecture, and one 2-hour workshop per week.



**Assessment:** twelve short answer assignments (25% total), one 2,000-word essay (50%), and one 1-hour examination (25%).

**Prescribed reading:**

*Source material in the history of biology*, School of Philosophy, La Trobe University.

**PHILOSOPHY 1 CT: critical thinking (15 CPs. Sem. I. Bu.) P1CT Mr Ross Phillips**

In this subject students will be introduced to an extensive range of concepts and techniques which can be widely applied to both academic and post-academic reading and writing. The emphasis is placed on the application of these techniques to achieve a clear critical understanding of many kinds of argumentation with examples chosen from a wide range of disciplines. The teaching and assessment will reflect this practical slant. The central concepts are those of argument, validity, truth, evidence, theory, explanation, deductive and non-deductive reasoning, presupposition and reasoning in empirical and non-empirical domains.

**Incompatible subject:** LO1AT, LO1ATSC, LO1C.

**Class requirements:** one 1-hour lecture, and one 2-hour workshop per week.

**Assessment:** four short exercises (40% total) and one 3-hour examination (60%).

**Prescribed reading:**

Phillips, R. and Oakley, T. *Reason and argument*, Monash. 1996.

**PHILOSOPHY 1 HNB: human nature and behaviour (20 CPs. Sem. II. Bu.) P1HNB Dr C. Behan McCullagh and Dr Robert Young**  
*Not available in 2000.*

**PHILOSOPHY 1 KET: knowledge, existence and truth (15 CPs. Sem. I. Bu.) P1KET Mr Tim Oakley**

In this subject, we introduce philosophy by taking up such questions as: What is knowledge, and how much knowledge do we really have? Can one be certain of anything? What are the roles of reason and the senses in the acquisition of knowledge? Has one any reason for believing in the existence of a physical world outside one's own mind? What is truth? These topics are considered in the context of Bertrand Russell's classic *The Problems of Philosophy*, and we shall also look at the views of the idealist philosopher George Berkeley. This subject is followed naturally by Philosophy 1MV. Together they form a very solid introduction to Philosophy.

**Incompatible subject:** P1EEM, P1EEMSC, P2EEMX, P1KMOV, P1KMVSC, P2PHPX, P2PPX, P2SPPX.

**Class requirements:** two 1-hour lectures, and one 1-hour tutorial per week.

**Assessment:** two 750-words essays (20% each) and one 1,500-word essay (40%), and one 1-hour examination (20%).

**Prescribed reading:**

Russell, B. *The problems of philosophy*, OUP (any edition).

**PHILOSOPHY 1 MPP: more philosophical problems (15 CPs. Sem. II. Bu.) P1MPP Dr Alec Hyslop**

In this subject students are introduced to philosophy through a variety of philosophical problems drawn from many of the important branches of the discipline. These problems are treated largely as separate issues. An understanding of philosophy is obtained through exposure to the variety of issues that concern philosophers. Topics are selected from the value of human (and other) life, emotion, psychoanalysis (Freud) the nature of human beings, the extent of our knowledge of the inner lives of other people, whether God exists. This subject follows naturally from Philosophy 1SPP. Together they form a solid introduction to Philosophy.

**Incompatible subject:** P1PP, P1PP-SC, P2PPX, P1SPP, P2SPPX.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,000-word essay (20%), one 1-hour examination (30%), and one 2-hour examination (50%).

**Prescribed reading:**

Nagel, T. *What does it all mean?*, OUP 1987.

Warburton, N. *Philosophy: the basics*, 2nd edn, Routledge 1995.

**PHILOSOPHY 1 MV: mind and value (15 CPs. Sem. II. Bu.) P1MV Dr Manfred von Thun**

This subject consists of an in-depth introduction to two central areas in philosophy. The theory of mind component considers the nature of the human mind and its relation to the human body. Are human beings merely complex physico-chemical machines, or is there a non-material dimension to them? The value theory component introduces ethical views about politics and society, including the questions, What is a good society? Why should we value freedom

and equality? How should wealth and power be distributed? What are social justice and discrimination? This course combines well with the first semester course Philosophy 1KET to form a solid introduction to philosophy.

**Incompatible subject:** P1EEM, P1EEM-SC, P2EEMX, P1KMOV, P1KMOV-SC.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** two 1-hour tests (25% each) and either one 2,000-word essay or one 2-hour examination (50%).

**Prescribed reading:**

Campbell, K. *Body and mind*, 2nd edn, University of Notre Dame Press, 1984.

*Notes and readings in value theory*, School of Philosophy, 1999, available from the bookshop.

**PHILOSOPHY 1 PHP: philosophy of human psychology (15 CPs. Sem. I. Bu.) P1PHP Mr Tim Oakley**

In this subject students will take up a number of problems about the human person and the mind. It should be of particular interest to psychology students. Topics include: How do the approaches of philosophy and of psychology to the human mind differ? Are all our choices and actions determined by factors over which we have no control? Can human beings be seen as part of the natural world and be studied and explained scientifically? What are emotions, and how do they function in our lives? Can humans be understood in completely materialistic terms, or do they have an essentially non-physical aspect? Are humans motivated entirely by self-interest? Are there obligations to oneself? What is self-respect?

**Incompatible subject:** P2PHPX, P2VV, P1PHPSC.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 600-word essay (15%), one 1,200 word essay (40%), twelve short answer assignments (20% total) and one 1-hour test (25%).

**Prescribed reading:**

*Philosophy of human psychology study guides and readings*, School of Philosophy, La Trobe University 2000.

**PHILOSOPHY 1 PSW: psychoanalysis, self and world (15 CPs. Sem. II. Bu.) P1PSW Dr Robert Farrell and Dr Philipa Rothfield**

Students consider a variety of ideas about the nature of the self and its relation to the world that are to be found in the writings of philosophers and psychoanalytic theorists. Among the thinkers whose work is considered are Nietzsche, Freud, Jung, Camus and Sartre. Topics include the self, the role of the unconscious, the relation of the self to the rest of the world and the implications of ideas of the self for morality, especially in the areas of responsibility, self-awareness, integrity and authenticity.

**Incompatible subject:** P2PHPX, P1PHB, P2PNM, P1PHP-SC.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** two 1,500-word essays (60%), six 150-word journals (20% total) and one 1-hour short answer test (20%).

**Prescribed reading:**

*A book of readings*, School of Philosophy, 2000, available at the Bookshop.

**PHILOSOPHY 1 SPP: some philosophical problems (15 CPs. Sem. I. Bu.) P1SPP Dr Alec Hyslop**

In this subject students are introduced to philosophy through a variety of philosophical problems drawn from many of the important branches of the discipline. These problems are treated largely as separate issues. An understanding of philosophy is obtained through exposure to the variety of issues that concern philosophers. Topics are selected from issues concerning the meaning of life, whether death is something to be feared, the extent to which we can be certain of, or know, anything (or anything that matters) meaning (language) whether we are free agents when we choose, right and wrong, issues in aesthetics, personal identity, issues in social philosophy involving justice. This subject is followed naturally by Philosophy 1MPP. Together they form a solid introduction to Philosophy.

**Incompatible subject:** P1PPP, P1PP-SC, P2PPX.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,000-word essay (20%), one 1-hour examination (30%), and one 2-hour examination (50%).

**Prescribed reading:**

Nagel, T. *What does it all mean?*, OUP 1987.

Warburton, N. *Philosophy: the basics*, 2nd edn, Routledge 1995.

**PHILOSOPHY 2 AE: aesthetics (20 CPs. Sem. II. Bu.) P2AE Dr Alec Hyslop**

*Not available in 2000.*



**PHILOSOPHY 2 CFT-1: contemporary feminist thought-part 1 (20 CPs. Sem. I. Bu.) P2CFT1 Ms Janna Thompson**

*This is also a core subject in the Women's Studies major.*

This is an introduction to the principal concerns of feminist thought over the last 30 years, through an examination of the major streams and some of the classic texts of the feminist theory of this period. Writers studied include Simone de Beauvoir, Shulamith Firestone, Kate Millett, Juliet Mitchell, Adrienne Rich, Nancy Chodorow, Luce Irigaray, bell hooks and Judith Butler. The distinction between sex and gender is investigated and the question whether women are 'made or born' is explored from different perspectives. The development of the ideal of equality is also charted, from earlier interpretations in terms of sameness, to more recent assertions of difference. The question of whether feminism gives rise to new social and political values is posed and the problem of 'essentialism' addressed. The relation between women's oppression and other forms of oppression, such as those centring on race, class and ecology, is examined. As a core subject in the women's studies major, this subject provides a theoretical framework for the discussion of issues relating to women and to society generally across a variety of disciplines.

*Prerequisite:* any first year humanities or social sciences subjects.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one 1,500-word essay (30%), one 3,500-word essay (60%), and tutorial attendance and participation (10%).

**Prescribed reading:**

Nicholson, L. (ed.) *The second wave: a reader in feminist theory*, Routledge, New York and London, 1997.

**PHILOSOPHY 2 CM: contemporary moral problems (20 CPs. Sem. II. Bu.) P2CM Dr John Campbell and Dr Linda Barclay**

In this subject an attempt is made to reason about various moral problems in the hope that students will reach thoughtful judgements to guide their attitudes and actions. Topics are selected from, the treatment of non-human animals (e.g., factory farming) world hunger and the extent of responsibilities to strangers more generally, privacy, compensatory justice and affirmative action, political correctness, freedom of speech and inquiry, interference with others to protect them against themselves, activities that put others at risk, the legitimacy of enforcing communal moral norms, and other moral issues.

*Prerequisite:* 15 credit points of Philosophy.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 2,000-word essay (50%), and one 3-hour examination (50%). The examination questions will be identical to the essay questions and students will have to answer three questions in the examination that they did not answer for the essay.

**PHILOSOPHY 2 CS: certainty and subjectivity (20 CPs. Sem. I. Bu.)**

**P2CS Dr Alec Hyslop and Mr Tim Oakley**

*Previously called Philosophy 2 PK/3 PK: perception and knowledge.*

Topics studied include: How much certainty can we have about the world around us? Do we each construct our world view out of subjective elements in our own minds? Could it be, as claimed by idealists, that there is no objective world existing beyond our own minds? What can we know of the inner lives of others-their thoughts and feelings? Do we really know anything at all? What is knowledge? What is objectivity and is it possible? The answers to these questions given by different theories of knowledge and perception will be presented and discussed.

*Prerequisite:* 15 credit points of philosophy or logic.

*Incompatible subject:* P2PP/P3PP, P2MPE/P3MPE, and P2PK/3PK.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial each week.

*Assessment:* twelve 150-word journal entries (20% total) one 2,000-word essay (40%), and one 1.5-hour examination (40%). Alternatively twelve 150-word journal entries (20% total) and two 2,000-word essays (80%), may be submitted.

**Preliminary reading:**

Oakley, I.T. and Phillips, R. J. *Reason and argument*, Monash Distance Education Centre, 2nd edn, 1996.

**Prescribed reading:**

Pojman, Louis A. *What can we know?* Wadsworth, 1996.

**PHILOSOPHY 2 DBK: discourse, body, knowledge (20 CPs. Sem. I. Bu.) P2DBK Dr Philipa Rothfield**

This subject raises questions concerning the nature of embodiment. It is one thing to say that we are bodily beings, quite another how that is spelt out. Science and medicine give us a wealth of information concerning the objective character of our bodies. Subjectivity however, has tended to be ascribed to the mind rather than the body. How might we talk about the subjective and objective character of

human corporeality? In order to pursue these questions, we discuss the work of Foucault, Irigaray, Grosz and others. We also cover a range of corporeal philosophies and discuss the various scientific approaches to the body. We look at bodily practices such as sport and dance in relation to these themes, and look at the way in which society and culture is inscribed upon our bodily selves. Finally we raise and discuss certain metaphysical and epistemological issues regarding embodiment.

*Prerequisite:* any philosophy subject.

*Incompatible subject:* WS2DBK/WS3DBK.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* two 2,500-word essays (50% each) Alternatively one 3,000-word essay (50%), and 2-hour examination (50%), may be submitted.

**Prescribed reading:**

Butler, J. *Bodies that matter, on the discursive limits of sex*, Routledge 1993.

Grosz, E. *Volatile bodies*, Allen & Unwin 1994.

Merleau-Ponty, M. *The visible and the invisible*, Northwestern UP 1968.

Welton, D. *Body and flesh, a philosophical reader*, Blackwell 1998.

**PHILOSOPHY 2 DTC: deconstructive thought and controversy (20 CPs. Sem. II Bu.) P2DTC**

**Dr Carolyn D'Cruz**

In this subject students will be introduced to major debates surrounding deconstructive thought, with a particular emphasis on works of Jacques Derrida. The subject will allow students to move beyond popular representations of deconstruction, by situating Derrida's thought within the 'tradition' of philosophy. Deconstruction's relations to politics, gender studies, law and literature will also be explored. Themes covered include notions of tradition and community; questions of origins and foundations with special reference to truth, faith and reason; relations between justice, law and responsibility; questions of sexual difference and gender relations, and ethical and political aspirations for democracy. Students will have the opportunity to develop a competency in reading both primary and secondary texts of deconstruction, and to articulate reasoned and principled judgements regarding the contribution of deconstructive thought to contemporary social debates and issues.

*Prerequisite:* 120 credit points in the Faculty of Humanities and Social Sciences. Other students must consult a Philosophy Adviser.

*Class requirements:* one 1-hour lecture and one 2-hour tutorial per week.

*Assessment:* one 1,500-word problem essay (30%), one 2,500-word research essay (50%), and one 1-hour short answer examination (20%).

**Recommended reading:**

Caputo, J. *Deconstruction in a nutshell: a conversation with Jacques Derrida*, Fordham University Press, 1997.

**PHILOSOPHY 2 EA: ethics (20 CPs. Sem. I. Bu.) P2EA Dr John Campbell**

This subject is an introduction to a variety of issues in ethics. There is discussion of various views about what makes things good or worth having (e.g., whether pleasure is the only thing of value) and about what makes peoples actions right or wrong (e.g., whether consequences of actions are all that matter) There is discussion of views about what makes a person good or virtuous and whether people have free will and can ever be responsible for their actions. There is discussion of whether ethical views can be in some sense objective, justifiable or true, or whether they are arbitrary or subjective (e.g., mere expressions of emotion) or are relative to culture.

*Prerequisite:* any philosophy subject.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 2,000-word essay (50%), and one 3-hour examination (50%). The examination questions are identical to the essay questions and students have to answer three questions on the examination which they did not answer for the essay.

**Recommended reading:**

Kagan, S. *Normative ethics*, Westview 1997

Pojman, L. (ed.) *Ethical theory*, 2nd edn, Wadsworth 1995.

**PHILOSOPHY 2 FR: Freud (20 CPs. Sem. I. Bu.) P2FR Mr John Fox**

This is a study of Freud's psychoanalytic theory, with special attention paid to the main kinds of evidence for it and of arguments against it. Key notions such as unconscious, repression, ego, id and sexuality are examined and some controversial issues are explored. These include, why did Freud drop the child abuse theory of hysteria? Is Freud's theory scientific in character? Is psychoanalysis useful for or hostile to feminism?

*Prerequisite:* any philosophy or psychology subject.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* two 2,500-word essays (100%). Alternatively one 2,500-word essay (50%), and one 2-hour examination (50%).

Alternatively one 2,500-word essay (50%), and eleven 200-word weekly journals (50%).

**Preliminary reading:**

Storr, A. *Freud*, OUP 1989.

Wollheim, R. *Freud*, Fontana 1971.

**Prescribed reading:**

Freud, S. *The essentials of psychoanalysis*, Penguin 1986.

**PHILOSOPHY 2 GB: Plato, Aristotle and the meaning of being (20 CPs. Sem. I. Bu.) P2GB**

Dr George Vassilacopoulos

In this subject students will examine a selection of works by Plato and Aristotle that reveal their understandings of the meaning and value of a philosophical appreciation of being. What is it to be? What exists in the cosmos? What is the nature of reality? What does it mean to know? What is the place of human beings in the world? The theories of Plato and Aristotle became profoundly influential for the development of western thought and civilisation in our own modern times. In the final part of the subject students will trace some of these connections by focusing on ideas of the relationship between the world, human beings and knowledge, in the modern philosophies of Kant, Hegel and Heidegger.

*Prerequisite:* 30 credit points in Philosophy.

*Class requirements:* one 2-hour seminar and one 1-hour lecture per week.

*Assessment:* one class paper (10%), one 2,000-word essay (40%), and one 2,500-word essay (50%).

**Prescribed Reading:**

*Readings in Plato and Aristotle*, School of Philosophy, available from the bookshop.

**PHILOSOPHY 2 HPSA: history and philosophy of science A (20 CPs. Sem. I. Bu.) P2HPSA Mr Tim Oakley**

This subject is designed to provide a second year entry point to philosophical study for students from any Faculty other than Humanities and Social Sciences. It should be of particular interest to science students. However no prior scientific study is presupposed. The subject deals with changing views of the universe and the place of the earth in it from the ancient Greeks to the time of Kepler and Newton. This period involved revolutionary changes in scientific theory, and the subject deals with what brings about such change, what it reveals about scientific reasoning, and how scientific theory relates to observational evidence.

*Prerequisites:* any two subjects from any Faculty.

*Incompatible subject:* P2YY, P1CBR, P1CBRSC, P1HPSA, P1HPSASC.

*Class requirements:* one 1-hour lecture and one 2-hour seminar per week.

*Assessment:* twelve short answer assignments (20% total) one 1-hour examination (10%), one 1,000-word essay (20%), and one 2,000-word essay (40%).

**PHILOSOPHY 2 HPSB: history and philosophy of science B (20 CPs. Sem. II. Bu.) P2HPSB Mr Ross Phillips**

This subject provides an entry point into philosophy for second year students from any Faculty other than Humanities and Social Sciences. The history of theories of biological reproduction will be studied with a view to considering the adequacy of various recent philosophical theories about the nature of scientific change. The ideas of Karl Popper, Imre Lakatos and Thomas Kuhn in particular will be examined. No prior study of either philosophy or biology is presupposed. While Philosophy 2 HPSA: history and philosophy of science A is not a prerequisite for this subject, it forms, together with Philosophy 2 HPSA, a solid introduction at second year level to the history and philosophy of science as well as to philosophy generally.

*Prerequisite:* any two subjects other than Philosophy from any Faculty.

*Incompatible subject:* P1CBR, P1CBRSC, P2YY, P1HPSA, P1HPSASC.

*Class requirements:* one 1-hour lecture and one 2-hour workshop per week.

*Assessment:* twelve short answer assignments (25% total), one 2,500-word essay (50%), and one 1-hour examination (25%).

**Recommended reading:**

Gasking, B. *Investigations into generation*, Hutchinson 1967.

**PHILOSOPHY 2 HPSR: revolution in science (20 CPs. Sem. II. Bu.) P2HPSR Dr John Jenkin**

Not available in 2000.

**PHILOSOPHY 2 HR: history and responsibility (20 CPs. Sem. II. Bu.) P2HR Ms Janna Thompson**

In this subject students will be concerned with responsibilities in respect to heritage and people of the past - whether such responsibilities

exist and what they are. They will consider whether we have duties to the dead, whether inheritance of money and property can be justified, whether we ought to feel pride or shame for what our predecessors did, whether we have a responsibility for keeping their promises and making reparation for their injustices, and what is the limit of these responsibilities. They will consider whether there are good reasons for preserving culture, language, tradition, or heritage and what measures are justified for the sake of preservation.

*Prerequisite:* 30 credit points at first year level.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* ten 100-word assignments (20% total) and two 2,000-word essays (40% each) Alternatively students may complete ten 100-word assignments (20% total) one 2,000-word essay (40%), and one 2-hour examination (40%).

**PHILOSOPHY 2 HS: human subjects (20 CPs. Sem. II. Bu.) P2HS Dr Alec Hyslop and Dr Philpa Rothfield**

In this subject, we explore issues central to having a view of oneself as a human being: who, and what, am I? We look successively at the mind-body problem, personal identity, and theories of subjectivity, using the perspectives of both Anglo-American and contemporary European Philosophy. Part of the subject will be devoted to studying the work of Merleau-Ponty, which is concerned with the nature of human being, and the way in which we - as embodied subjectivities - live in and perceive the world.

*Prerequisite:* 15 credit points in Philosophy.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* two 2,500-word essays (50% each).

**Preliminary reading:**

Merleau-Ponty, M., *The primacy of perception*, Northwestern University Press 1964.

**Recommended reading:**

Merleau-Ponty, M., *Phenomenology of perception*, Routledge and Kegan Paul 1962.

Merleau-Ponty, M., *The visible and the invisible*, Northwestern University Press 1964.

Smith, P. and Jones, O. R. *The philosophy of mind*, Cambridge UP 1986.

**PHILOSOPHY 2 IPS: introduction to the philosophy of science (20 CPs. Sem. I. Bu.) P2IPS Mr John Fox**

Not available in 2000.

**PHILOSOPHY 2 JU: Jung (20 CPs. Sem. I. Bu.) P2JU Dr Robert Farrell**

Jung's earlier, more narrowly psychological and psychotherapeutic work, and its increasingly distant relationship with the work of Sigmund Freud, form the focus of the first half of the subject. The second half branches out to consider dreams, alchemy, religion, society, art and literature. Students are expected to undertake small project in one of these more specialised areas. Overall, students are expected to acquire a wide and critical understanding of the development of Jung's thought towards a characteristically Jungian perspective on human experience and culture. Students wishing to further their studies in Jung may be interested in Philosophy 2 JS/ 3 JS, which runs in the second semester.

*Incompatible subject:* English 2 JCP/ 3 JCP, IDS 2 JU/ 3 JU.

*Class requirements:* one 2-hour lecture or seminar and one 1-hour tutorial per week.

*Assessment:* two 2,000-word essays (80%), and tutorial attendance (10%), and one 1,000-word class paper (10%).

**Preliminary reading:**

Jung, C. G. *Memories, dreams, reflection*, Harpercollins, 1972.

One or more of the Introductions to Jung's Psychology by Peter O'Connor, Edward Edinger, Anthony Storr, Jolande Jacobi, Frieda Fordham, et al.

**Prescribed readings:**

Campbell, J. (ed.) *The portable Jung*, Penguin.

Whitmont, C. *The symbolic quest*, Princeton UP.

Samuels, A. *Jung and the post-Jungians*, Routledge and Kegan Paul, 1985.

**PHILOSOPHY 2 JS: Jung seminar (20 CPs. Sem. II. Bu.) P2JS Dr Robert Farrell**

This subject comprises a series of seminars of the work of C. G. Jung, James Hillman, Marie-Louise von Franz, and others within the Jungian and archetypal tradition. Each seminar focuses upon a discussion, by one of the seminar participants, of a specific topic or theme in the Jungian literature. Topics to be presented for discussions are decided by seminar participants in consultation with the lecturer, and typically written up into essay form. Participation in this seminar

requires a substantial familiarity with the work of Jung and a commitment to week-by-week presentation for the discussion of the seminar papers.

**Prerequisite:** P2 JU/ P3 JU, English 2 JCP/ 3 JCP or IDS 2 JU/ 3 JU.

**Incompatible subject:** English 2 JPL/ 3 JPL, IDS 2 JS/ 3 JS.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** two 2,500-word essays (100%).

**Preliminary reading:**

Campbell, J. (ed.) *The portable Jung*, Penguin.

Hillman, J. *Re-visioning psychology*, Harpercollins.

Samuels, A. *Jung and the post-Jungians*, Routledge and Kegan Paul, 1985.

**PHILOSOPHY 2 LMU: language, meaning and understanding (20**

**CPs. Sem. I. Bu.) P2LMU Mr Tim Oakley and Dr Alec Hyslop**

The subject explores the nature of meaning and understanding. As well as raising topics of their own intrinsic interests, the study of language in this subject is expected to be of interest to anyone studying other areas of philosophy, especially thought relating to the human mind and its working, and to nature of reality and our knowledge. Topics studied include the nature of meaning; the relation of words and ideas; truth; whether language constrains the way we think and even what we believe; Wittgenstein's 'private language argument'; language as social interaction; Quine's indeterminacy of translation thesis; Quine's attack on the concept of meaning and necessity; metaphor; and deconstructionism. These issues are central to 20th-century philosophy. Students qualifying for a degree by taking a major in linguistics may credit this subject toward the major. One can also credit this subject toward a logic sequence.

Note: this subject was previously called Philosophy 2 PL: philosophy of language.

**Prerequisite:** 15 credit points of philosophy, logic or linguistics.

Knowledge of linguistics is not presupposed.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** twelve 150-word journal entries (20% total) one 2,000-word essay (40%), and one 1.5-hour examination (40%). Alternatively twelve 150-word journal entries (20% total) and two 2,000-word essays (80%).

**Preliminary reading:**

Oakley, I.T. and Phillips, R. J. *Reason and arguments*, 2nd. edn, Monash Distance Education Centre 1996.

**Prescribed readings:**

Martin, R. M. *The meaning of language*, MIT Press, 1988.

**PHILOSOPHY 2 ME: media ethics (20 CPs. Sem. I. Bu.) P2ME Dr**

**Linda Barclay**

This subject is an examination of some of the key ethical questions in media and journalism. Topics to be discussed include: private ownership of the media; free speech, defamation and slander; privacy and the public's right to know; representation and image manipulation; informed consent and deception in information gathering; advertising; objectivity and bias; whistle-blowing; conflict of interest; professional obligations to informants.

**Incompatible subject:** P2PE/P3PE.

**Prerequisite:** 30 credit points of philosophy or 120 credit points from Humanities & Social Sciences.

**Class requirements:** one 2-hour seminar and one 1-hour tutorial per week.

**Assessment:** two 2,000-word essays (40% each) four 500-word tutorial assignments (20% total).

**Recommended reading:**

Belsey, A. and Chadwick, R. *Ethical issues in journalism and the media*. Routledge 1992.

River, W. L. and Mathews, C. *Ethics for the media*. Prentice Hall 1988.

**PHILOSOPHY 2 MHA: Martin Heidegger's thought – part 1 (20 CPs.**

**Sem. I. Bu.) P2MHA Dr Robert Farrell**

*Not available in 2000.*

**PHILOSOPHY 2 MHB: Martin Heidegger's thought – part 2 (20 CPs.**

**Sem. II. Bu.) P2MHB Dr Robert Farrell**

*Not available in 2000.*

**PHILOSOPHY 2 ML: values and the meaning of life (20 CPs. Sem. I.**

**Bu.) P2ML Mr Tim Oakley**

*Not available in 2000.*

**PHILOSOPHY 2 MP: moral psychology and the structure of mind (20**

**CPs. Sem. II. Bu.) P2MP Dr C. Behan McCullagh**

Our moral judgements about other people presuppose beliefs about the structure of their minds. Several of these beliefs are examined in this subject, which focuses on: The nature of a virtuous characters;

explanations of weakness of will and self-deception; the nature of individual autonomy and integrity; and the theories of moral development. To understand the morality of actions, we ask how values motivate actions, and when people can be held responsible for what they do.

**Prerequisite:** any philosophy subject.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,500-word essay (33%), one 2-hour examination (33%), and six 300-word tutorial papers (34% total)

**Prescribed reading:**

Fischer, J. M. (ed.) *Moral responsibility*, Cornell UP 1986.

**PHILOSOPHY 2 NSP: nature, self and sense of place (20 CPs. Sem.**

**I. Bu.) P2NSP Dr Freya Mathews**

*Not available in 2000.*

**PHILOSOPHY 2 PC: philosophy with children (20 CPs. Sem. II. Bu.)**

**P2PC Mr Ross Phillips**

This is an introduction to philosophy with children. The approach, first developed by Matthew Lipman and his colleagues, stresses the role of the community of inquiry in the development of children's thinking abilities and attitudes to themselves as thinkers. Students are encouraged to develop both the practical skills required to conduct a community of inquiry with children in the junior school and to develop a critical understanding of the place of philosophical thought in general cognitive development. Attention is also given to the implementation of a philosophy program in the broader school setting.

**Class requirements:** one 3-hour workshop per week.

**Assessment:** ten short answer assignments (40% total) and two 1,500-word essays (30% each).

**Preliminary reading:**

Mathews, G. *Philosophy and the young child*, Harvard UP 1980.

**Prescribed reading:**

Splitter, L. J. & Sharp, A. M. *Teaching for better thinking*, ACER 1995.

**PHILOSOPHY 2 PE: professional ethics (20 CPs. Sem. I. Bu.) P2PE**

**Dr Linda Barclay**

In this subjects we will explore ethical issues and dilemmas of particular concern to professionals such as lawyers, doctors, accountants, engineers, business people, public servants, academics and health care practitioners. Topics to be explored include whistle blowing, client confidentiality, informed consent, conflicts of interest, affirmative action and equal opportunity, the ethics of marketing and advertising, professional obligations and loyalty and the social justice responsibilities of professionals.

**Incompatible subject:** P2ME/P3ME.

**Prerequisite:** 30 credit points of Philosophy or 120 credit points in any degree other than the BA.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** two 2,000-word essays (80%), and four 250-word tutorial essays (20%).

**PHILOSOPHY 2 PLH: philosophy of love and hate (20 CPs. Sem. II.**

**Bu.) P2PLH Dr C. Behan McCullagh**

*This subject may be credited towards a major or sequence in religious studies.*

The words love and hate are used to refer to a range of emotions and attitudes. For example, love can be erotic, romantic, maternal, filial or altruistic. The subject begins by identifying the various kinds of love and hate, distinguishing them as clearly as possible and discerning the elements of each. Use is made of theories of mind and emotion to make the analysis as precise as possible. Then a number of moral questions about love and hate are discussed. Do inequalities between the sexes prevent genuine love? Should we love those with whom we have sex? Should we be married to them? Is perverse sex morally wicked? Should we love others impartially, or give preference to family and friends? Can hatred be morally justified? Finally, the relation between love and civilisation is discussed. Was Freud right in thinking that sexual love should be repressed in the interests of civilisation? Would altruism solve the world's ills, as Tolstoy and Martin Luther King believed?

**Prerequisite:** any philosophy subject or approval from a philosophy adviser of studies.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,500-word essay (30%), six 250-word short assignments (30%), and one 2,000-word essay (40%). Alternatively students may complete one 1,500-word essay (30%), six 250-word short assignments (30%), and one 2-hour examination (40%).

**Preliminary reading:**

Irving Singer, *The pursuit of love*, Johns Hopkins UP 1995.

**Prescribed reading:**

Fromm, E. *The art of loving*, Unwin 1975.

**PHILOSOPHY 2 PNM: philosophy and the nature of the mind (20 CPs. Sem. II. Bu.) P2PNM Dr Philipa Rothfield**

This subject is a study of the views of a number of important thinkers on the nature of the human mind. We will study the views of Sartre and Camus on such topics as freedom and responsibility; the views of Jung on such matters as archetypes and the collective unconscious; Nietzsche on society and the individual, morality and religion; and Freud on dreams, the unconscious and sexuality. This subject is designed to provide a second year entry-point to philosophical study for students from any Faculty other than Humanities and Social Sciences.

*Prerequisites:* any two subjects other than Philosophy from any Faculty.

*Incompatible subject:* all first year philosophy subjects.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 2,000-words essay (30%), one 1-hour examination (20%), ten 200-word journal entries (20% total).

**PHILOSOPHY 2 PPS: philosophical psychology (20 CPs. Sem. I. Bu.) P2PPS Mr Tim Oakley**

This subject is designed to provide a second year level entry point to philosophical study for students from any Faculty other than Humanities and Social Sciences. It focuses on the nature of the self and mind, and deals with such topics as the problem of free will; whether human behaviour can be studied scientifically; the mind/body relationship; the emotions; and the place of the self in moral thought.

*Prerequisites:* any two subjects other than Philosophy from any Faculty.

*Incompatible subject:* any first year Philosophy subject.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* ten 100-word journals entries (20% total) one 1-hour examination (20%), one 1,000-word essay (20%), one 2,000-word essay (40%).

**PHILOSOPHY 2 SB: recent philosophy of science (20 CPs. Sem. II. Bu.) P2SB Mr John Fox**

This subject is concerned with some post-positivist ideas about the nature of science, scientific methodology and rationality, and scientific revolutions; in particular those deriving from Karl Popper and Thomas Kuhn. This subject is creditable towards a logic sequence.

*Prerequisites:* any philosophy or logic subject.

*Incompatible subject:* Philosophy 2 HPSB/ 3 HPSB as taught in 1990.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial.

*Assessment:* two 2,500-word essays (100%). Alternatively one 2,500-word essay (50%), and one 2-hour examination (50%). Alternatively one 2,500-word essay (50%), and eleven 200-word weekly journal entries (50%).

**Prescribed reading:**

Kuhn, T. S. *The structure of scientific revolutions*, 2nd edn, University of Chicago Press 1970.

Popper, K. R. *The logic of scientific discovery*, Hutchinson 1959.

Popper, K. R. *Unended quest*, Fontana 1981.

**PHILOSOPHY 2 SC-1: philosophy of science and psychology 1 (20 CPs. Sem. I. Bu.) P2SC1 Dr Robert Farrell**

This is an introduction to the philosophy of science, with special reference to psychology. The subject deals with the nature of scientific knowledge, the interrelations of theory and observational evidence, the nature of mind and the bearing of these on the scientific character of psychology.

*Prerequisite:* Psychology 1 or any philosophy subject. Any student who fails to satisfy this prerequisite should consult the coordinator.

*Incompatible subject:* P2SC/P3SC.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 2,500-word essay (50%), and twelve 200-word journal entries (50% total).

**Prescribed reading:**

Chalmers, A. R. *What is this thing called science?* 3rd edn, Queensland UP 1999.

Dennett, D. *Kinds of minds*, Weidenfeld and Nicolson 1996.

**PHILOSOPHY 2 SC-2: philosophy of science and psychology 2 (20 CPs. Sem. II. Bu.) P2SC2 Dr Robert Farrell**

In this subject students continue their study in the areas introduced in Philosophy 2 SC-1/3 SC-1, together with some topics in ethics, especially as they relate to psychology and the philosophy of mind.

*Prerequisite:* P2SC-1/P3SC-1.

*Incompatible subject:* P2SC/P3SC.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* one 2,500-word essay (50%), and twelve 200-word journal entries (50%).

**Prescribed reading:**

Churchland, P., *Matter and consciousness*, rev. edn, MIT Press 1988.

Singer, P. *Practical ethics*, 2nd edn, Cambridge UP 1992.

**PHILOSOPHY 2 SP: structuralism and post-structuralism (20 CPs. Sem. I. Bu.) P2SP Dr Philipa Rothfield**

*Not available in 2000.*

**PHILOSOPHY 2 TL: theories of law (20 CPs. Sem. I. Bu.) P2TL Dr**

Robert Young

*Not available in 2000.*

**PHILOSOPHY 3 AE: aesthetics (20 CPs. Sem. II. Bu.) P3AE Dr Alec Hyslop**

*Not available in 2000.*

**PHILOSOPHY 3 CFT-1: contemporary feminist thought—part 1 (20 CPs. Sem. I. Bu.) P3CFT1 Dr Janna Thompson**

*See Philosophy 2 CFT-1 for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 CM: contemporary moral problems (20 CPs. Sem. II. Bu.) P3CM Dr John Campbell and Dr Linda Barclay**

*See Philosophy 2 CM for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 CS: certainty and subjectivity (20 CPs. Sem. I. Bu.)**

**P3CS Dr Alec Hyslop and Mr Tim Oakley**

*Previously called Philosophy 3 PK: perception and knowledge.*

*See Philosophy 2 CS for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 DBK: discourse, body, knowledge (20 CPs. Sem. I. Bu.) P3DBK Dr Philipa Rothfield**

*See Philosophy 2 DBK for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 DTC: deconstructive thought and controversy (20 CPs. Sem. II. Bu.) P3DTC Dr Carolyn D'Cruz**

*See Philosophy 2 DTC for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 EA: ethics (20 CPs. Sem. I. Bu.) P3EA Dr John Campbell**

*See Philosophy 2 EA for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 FR: Freud (20 CPs. Sem. I. Bu.) P3FR Mr John Fox**

*See Philosophy 2 FR for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 GB: Plato, Aristotle and the meaning of being (20 CPs. Sem. I. Bu.) P3GB Dr George Vassilacopoulos**

*See Philosophy 2 GB for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 HPSR: revolution in science (20 CPs. Sem. II. Bu.) P3 HPSR Dr John Jenkin**

*Not available in 2000.*

**PHILOSOPHY 3 HR: history and responsibility (20 CPs. Sem. II. Bu.) P3HR Ms Janna Thompson**

*See Philosophy 2 HR for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 HS: human subjects (20 CPs. Sem. II. Bu.) P3HS Dr Alec Hyslop and Dr Philipa Rothfield**

*See Philosophy 2 HS for full subject description.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 IPS: introduction to the philosophy of science (20 CPs. Sem. I. Bu.) P3IPS** Mr John Fox  
Not available in 2000.

**PHILOSOPHY 3 JU: Jung (20 CPs. Sem. I. Bu.) P3JU** Dr Robert Farrell  
See Philosophy 2 JU for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 JS: Jung seminar (20 CPs. Sem. II. Bu.) P3JS** Dr Robert Farrell  
See Philosophy 2 JS for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 LMU: language, meaning and understanding (20 CPs. Sem. I. Bu.) P3LMU** Mr Tim Oakley and Dr Alec Hyslop  
Note: this subject was previously called Philosophy 3 PL: philosophy of language.  
See Philosophy 2 LMU for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 ME: media ethics (20 CPs. Sem. I. Bu.) P3ME** Dr Linda Barclay  
See Philosophy 2 ME for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 MHA: Martin Heidegger's thought-part 1 (20 CPs. Sem. I. Bu.) P3MHA** Dr Robert Farrell  
Not available in 2000.

**PHILOSOPHY 3 MHB: Martin Heidegger's thought-part 2 (20 CPs. Sem. II. Bu.) P3MHB** Dr Robert Farrell  
Not available in 2000.

**PHILOSOPHY 3 ML: the values and meaning of life (20 CPs. Sem. I. Bu.) P3ML** Mr Tim Oakley  
Not available in 2000.

**PHILOSOPHY 3 MP: moral psychology and the structure of mind (20 CPs. Sem. II. Bu.) P3MP** Dr C. Behan McCullagh  
See Philosophy 2 MP for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 NSP: nature, self and sense of place (20 CPs. Sem. I. Bu.) P3NSP** Dr Freya Mathews  
Not available in 2000.

**PHILOSOPHY 3 PC: philosophy with children (20 CPs. Sem. II. Bu.) P3PC** Mr Ross Phillips  
See Philosophy 2 PC for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 PE: professional ethics (20 CPs. Sem. I. Bu.) P3PE** Dr Linda Barclay  
See Philosophy 2 PE for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 PLH: philosophy of love and hate (20 CPs. Sem. II. Bu.) P3PLH** Dr C. Behan McCullagh  
See Philosophy 2 PLH for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 RCA: free philosophical studies A (20 CPs. Sem. I. Bu.) P3RCA** Dr Robert Farrell  
A limited number of students may be permitted by the coordinator to undertake a research project on a subject of their own choosing, providing there is no substantial overlap between that subject and the subject matter of an existing subject. They will work on the project under the supervision of a member of staff throughout the semester. Students may not enrol in this subject without the permission of the coordinator, to whom they should apply in December. Students who are not in the third year of a philosophy sequence or major normally

are not considered. Approval of an application depends on the student's past academic record, tutor's reports, the outline of the intended project and the availability of a member of staff to supervise the project.

*Incompatible subject:* students may take a maximum of 40 credit points of philosophy reading courses towards their degree.

*Class requirements:* supervision sessions and other requirements throughout the semester as arranged for each individual student.

*Assessment:* essay (s) or a research report, as arranged for each individual student.

**PHILOSOPHY 3 RCB: free philosophical studies B (20 CPs. Sem. II. Bu.) P3RCB**  
See Philosophy 3 RCA above.

**PHILOSOPHY 3 SB: recent philosophy of science (20 CPs. Sem. II. Bu.) P3SB** Mr John Fox  
See Philosophy 2 SB for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 SC-1: philosophy of science and psychology 1 (20 CPs. Sem. I. Bu.) P3SC1** Dr Robert Farrell  
See Philosophy 2 SC-1 for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 SC-2: philosophy of science and psychology 2 (20 CPs. Sem. II. Bu.) P3SC2** Dr Robert Farrell  
See Philosophy 2 SC-2 for full subject description.  
Assessment: Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 SP: structuralism and post-structuralism (20 CPs. Sem. I. Bu.) P3SP** Dr Philip Rothfield  
Not available in 2000.

**PHILOSOPHY 3 TL: theories of law (20 CPs. Sem. I. Bu.) P3TL** Dr Robert Young  
Not available in 2000.

**PHILOSOPHY 4 A: epistemology and metaphysics (20 CPs. All year. Bu.) P4A** Mr Tim Oakley & Mr Ross Phillips  
First semester involves an examination of some recent work in epistemology. Second semester involves an examination of some recent work in the philosophy of mind.  
*Prerequisite:* 20 credit points in each of epistemology and metaphysics, at least one of which must be taken at third year level. Subjects dealing with philosophy of science are usually treated as fulfilling part or all of this prerequisite, as do subjects on particular philosophers whose epistemological and metaphysical doctrines are studied (for example, Kant, Plato, Aristotle). Students in any doubt on the suitability of a subject to fulfil the prerequisite requirements should consult the honours coordinator.  
See entry for Philosophy 4 for class requirements and assessment details.

**PHILOSOPHY 4 B: mathematical logic (20 CPs. All year. Bu.) P4B** Dr Manfred von Thun  
Addresses the issues of completeness, incompleteness and undecidability.  
*Prerequisite:* LO2SL/LO3SL (formerly LO2ML/LO3ML), LO2MT/LO3MT, or LO3RCA.  
See entry for Philosophy 4 for class requirements and assessment details.

**Prescribed reading:**  
Mendelson, E. *Introduction to mathematical logic*, 3rd edn, Brooks-Cole 1986.

**PHILOSOPHY 4 C: philosophy of logic (20 CPs. All year. Bu.) P4C** Mr John Fox  
This subject deals with the questions: What requirements should an account of truth satisfy and how do various accounts satisfy them? What requirements should an account of generality satisfy and do various accounts satisfy them? Whatever elementary logic is needed for this component will be taught as required.  
See entry for Philosophy 4 for class requirements and assessment details.

**Recommended reading:**  
Quine, W. O. *From a logical point of view*, Harvard UP 1980.  
Quine, W. O. *Philosophy of logic*, Prentice Hall 1970.



**PHILOSOPHY 4 D: philosophy of science (20 CPs. All year. Bu.) P4D**

Mr John Fox and Dr Manfred von Thun

Not available in 2000.

**PHILOSOPHY 4 E: ethics (20 CPs. All year. Bu.) P4E Dr John Campbell**

A discussion of some advanced topics in ethics.

*Prerequisite:* a second or third year subject in ethics. This prerequisite may be waived in some years at the discretion of the lecturers taking the component in that year.

See entry for Philosophy 4 for class requirements and assessment details.

**PHILOSOPHY 4 G: political philosophy (20 CPs. All year. Bu.) P4G Dr**

John Campbell and Dr Linda Barclay

A discussion of some advanced topics in political philosophy (such as autonomy, equality and law).

See entry for Philosophy 4 for class requirements and assessment details.

**PHILOSOPHY 4 HMP: European philosophy (20 CPs. All year. Bu.)**

P4HMP Dr Robert Farrell and Dr Philipa Rothfield

The subject is taught in two sections. The first is a study of Edmund Husserl's last, incomplete book, *'The crisis of European sciences and transcendental philosophy'*. The book was initiated by Husserl to give a new introduction to phenomenology, approaching the subject by way of science, the life-world and psychology and can be seen as being, in part, a response to the philosophies of Heidegger and Jaspers. While our focus will be upon the Crisis itself, there will be references back to Husserl's earlier introductions (*'The idea of phenomenology, Ideas, and The cartesian meditations'*) as well as to Heidegger's earlier critique of Husserlian phenomenology in *'History of the concept of time'*. The Crisis has exerted a strong influence on later philosophers and social theorists, among them Merleau-Ponty. In the second section we look at a range of writings by Merleau-Ponty. We will begin with *'The phenomenology of perception'*, then look at two essays, *'The eye and the mind'*, and *'The child's relations with others'*, following with the *'Visible and the invisible'*. We will look at Merleau-Ponty's notions of the self, the world, the body, philosophy and art.

See entry for Philosophy 4 for class requirements and assessment details.

**PHILOSOPHY 4 J: philosophy of science (20 CPs. All year. Bu.) P4J**

Mr John Fox

A study of the question of whether there is such a thing as the scientific method, of whether the methods of science are distinctively rational, and of whether, how and of what they claim that they are rational could be explanatory. In particular, the work of Imre Lakatos, of Paul Feyerabend and of various representatives of the "strong programme in the sociology of knowledge" and of the "sociology of scientific knowledge" will be considered.

See entry for Philosophy 4 for class requirements and assessment details.

**Recommended readings:**

Lakatos, I. *The methodology of scientific research programmes*. Cambridge UP 1978.

**PHILOSOPHY 4 N: Aristotle (20 CPs. All year. Bu.) P4N Mrs Dorothy Mitchell**A study of Aristotle's *De Anima*.**PHILOSOPHY 4 S: aesthetics (20 CPs. All year. Bu.) P4S Dr Alec**

Hyslop

A study of some topics in aesthetics.

See entry for Philosophy 4 for class requirements and assessment details.

**Philosophy of Science Mr John Fox (Philosophy)**

Students can qualify for the degree with a major in the philosophy of science area of study by taking approved combinations of subjects from biological sciences, linguistics, philosophy, physical sciences, and social sciences.

Philosophy and the sciences have, throughout their histories, been in close relationship with one another and at times each has strongly influenced the other. The philosophy of science area of study has been constructed so that students may concentrate their formal studies in those parts of philosophy which deal most directly with the sciences, while also studying the sciences themselves, should they not have done so previously at university level.

**Programs of study**

Students who wish to qualify for the degree by taking a major in the philosophy of science area of study should include the following:

- 30 credit points of first year philosophy, logic or history and philosophy of science subjects and 30 credit points of first year subjects from the Faculty of Science, Technology and Engineering,

- at least one second year philosophy or history and philosophy of science subject and a science subject, and
- 120 credit points of philosophy and science subjects at third year level, including at least one science and at least one philosophy subject.

**Important notice**

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

**First year subjects**

30 credit points of first year philosophy subjects (Philosophy 1 AP and 1 BP are especially recommended)

30 credit points of first year science subjects.

**Second year subject****20 credit points**

Philosophy 2 HPSA: history and philosophy of science A

Philosophy 2 HPSB: history and philosophy of science B,

(available only to non-BA students who have not passed Philosophy 1HPSA: history and philosophy of science A or 1 AP: astronomy and philosophy and 1 BP: biology and philosophy). The recommended second year logic subjects are Logic 2 DL (previously 1A) and Logic 2 LUP (previously 1B, 1IL and 1LU).

**Second or third year subjects****20 credit points**

Archaeology 2 HPS/3 HPS: history, philosophy and sociology of archaeology

Philosophy 2 FR/3 FR: Freud

Philosophy 2 HPSR/3 HPSR: revolution in science

Philosophy 2 IPS/3 IPS: introduction to the philosophy of science

Philosophy 2 SB/3 SB: recent philosophy of science

Philosophy 2 SC-1/3 SC-1: philosophy of science and psychology 1

Philosophy 2 SC-2/3 SC-2: philosophy of science and psychology 2

**Honours**

Students wishing to undertake honours or postgraduate studies in philosophy of science should consult the Chairperson of the Philosophy of Science area of study.

By agreement between the departments of philosophy at The University of Melbourne and Monash University, the School of Philosophy at La Trobe, the Department of History and Philosophy of Science at The University of Melbourne, the Unit of Social Studies of Science at Deakin University, and Philosophy and Social Inquiry at Swinburne University, students undertaking honours or postgraduate studies in this area may enrol in subjects at any of these institutions in part fulfilment of the requirements for their degrees.

**Politics**

By its nature, politics is, an argumentative discipline. Students of politics look at how power is used in different systems of government, at the way states relate to one another in the international system and at the relationships between local, national and global institutions.

Politics compares the various institutions, processes, beliefs and cultures that societies have developed for settling conflict, ordering priorities and distributing wealth. Students have to weigh up competing accounts of what actually happens as well as competing accounts of what ought to happen. The study of politics may be illuminated by knowledge drawn from subjects, such as anthropology, economics, history, sociology, law, psychology and philosophy. Politics subjects are available to students enrolled in any faculty. The number of subjects that may be taken depends on the rules of the degree for which a student is enrolled.

**Programs of study**

Students who wish to satisfy the degree requirements by taking a major in politics must take 150 credit points of politics, of which at least 80 credit points must be at third year level. Students who wish to satisfy the degree requirements by taking two sequences, one of which is in politics, are required to take 110 credit points in politics, including at least 40 credit points at third year level. Potential honours students must include Politics 3 H and have passed 190 credit points of politics or other appropriate subjects.

**First year subjects****15 credit points****Sem.**

- 1 Asian Studies 1 ITA-B: introduction to Asia-B: politics, society and culture
- 1 Politics 1 AA: Australian politics: government and society
- 1 Politics 1 IRA: World in transition: states, nations and security and culture
- 2 Asian Studies 1 ITA-A: introduction to Asia-A: politics, society and culture
- 2 Politics 1 AB: Australian politics: identities and change
- 2 Politics 1 IRB: World in transition: economy, environment and human rights



**Second year subjects** **20 credit points**  
 1 Politics 2 F: international relations: the cold war and the great powers since 1945

**Second or third year subjects** **20 credit points**  
 1 Politics 2 AP/3 AP: contemporary Australian politics  
 1 Politics 2 CE/3 CE: the politics of Central Europe  
 1 Politics 2 E/3 E: history of modern political thought  
 1 Politics 2 JP/3 JP: Japanese politics  
 1 Politics 2 LC/3 LC: liberalism and its critics  
 1 Politics 2 ME/3 ME: international relations of the Middle East  
 1 Politics 2 NS/3 NS: nations and states  
 1 Politics 2 PE/3 PE: politics and the economy  
 1 Politics 2 SEA/3 SEA: boom and bust in Southeast Asia<sup>2</sup>  
 1 Politics 2 TA/3 TA: theories of trade unionism<sup>1</sup>  
 1 Politics 2 TB/3 TB: comparative trade unionism  
 1 Politics 2 UC/3 UC: cultural politics in the United States  
 1 Politics 2 WP/3 WP: theories of world politics  
 1 Sociology 2 MTB/3 MTB: quantitative methods in social research  
 1 Sociology 2 SWP/3 SWP: social policy, welfare and the state  
 2 Anthropology 2 ABS/3 ABS: aborigines and the state  
 2 Politics 2 AA/3 AA: Australia, Asia and the world  
 2 Politics 2 B/3 B: Soviet and Russian politics: from communism to post-communism  
 2 Politics 2 BK/3 BK: international relations of the Balkans  
 2 Politics 2 CBP/3 CBP: comparative business and politics  
 2 Politics 2 CP/3 CP: Chinese politics  
 2 Politics 2 ER/3 ER: the politics of economic regions: Europe, Asia-Pacific, North America<sup>2</sup>  
 2 Politics 2 G/3 G: German politics since the Second World War<sup>1</sup>  
 2 Politics 2 IL/3 IL: international law and international organisation  
 2 Politics 2 PC/3 PC: peace and change  
 2 Politics 2 PM/3 PM: politics and media  
 2 Politics 2 SA-2/3 SA-2: understanding South Asia: dynamism, divisions, directions<sup>1</sup>  
 2 Politics 2 US/3 US: introduction to American politics<sup>1</sup>  
 2 Sociology 2 BM/3 BM: back to the modern  
 2 Sociology 2 EI/3 EI: ethnicity and identity: social and political approaches<sup>2</sup>  
 2 Sociology 2 PP/3 PP: personality and politics  
 2 Sociology 2 SPF/3 SPF: contesting social policy

**Third year subjects** **20 credit points**  
 1 Politics 3 H: politics in the twentieth century  
 1&2 Politics 3 FR: independently chosen topic

**Key:** <sup>1</sup>Not available in 2000, <sup>2</sup>New Subject

#### Public Policy Stream

Students who wish to pursue an interest in policy studies may consider the following second and third year subjects in developing a policy focus for their major.

Politics 2 AA/3 AA: Australia, Asia and the world  
 Politics 2 AP/3 AP: contemporary Australian politics  
 Politics 2 CBP/3 CBP: comparative business politics  
 Politics 2 ER/3 ER: the politics of economic regions: Europe, Asia-Pacific, North America  
 Politics 2 IL/3 IL: international law and international organisation  
 Politics 2 PE/3 PE: politics and the economy  
 Politics 2 PM/3 PM: politics and the media  
 Politics 2 SEA/3 SEA: boom and bust in Southeast Asia

#### Honours

The School welcomes inquiries about honours. These may be directed to the Head of Discipline or the honours coordinator, Dr Meg Gurry. Honours students normally take the equivalent of 80 credit points in politics in both second and third years. In the third year, their enrolment must include Politics 3 H: politics in the twentieth century, with admission to that subject dependent on the achievement of good results in first and second years. Students who achieve sufficiently high results during their first three years and who have completed the requirements for a pass degree, may be admitted to the fourth or honours year. The fourth year is intended to give students the opportunity to pursue their interests more deeply, through both subject work and a research thesis.

Fourth year subjects are listed below and it should be noted that, while these are semester length subjects and taught in first semester, the commitment for honours students is for the full year, with their theses being researched and written throughout the year.

Students must take two subjects from those listed, or from seminars offered in Sociology and Anthropology. Full descriptions of fourth year subjects are available from the Politics office.

The fourth year thesis may be up to 15,000-words in length. Topics are to be approved after consultation with members of the Department of Politics. Not all of the subjects listed are necessarily available every year.

**Fourth-year subjects** **20 credit points**  
 1 Politics 4 C: globalisation and national politics  
 1 Politics 4 E: politics of ethnicity and nationalism  
 1 Politics 4 F: comparative political biography  
 1 Politics 4 N: representing the nation: colonial, national and post-colonial thought and politics  
 1 Politics 4 NV: the politics of nonviolent activism  
 1 Politics 4 T: culture, tradition and identity in Australian politics  
 1 Sociology 4S: sexuality, gender and globalisation

#### GRADUATE DIPLOMA IN INTERNATIONAL AND ASIAN POLITICS

A Graduate Diploma in International and Asian Politics is offered by the Faculty. See the Postgraduate volume of the *Handbook*.

#### Subject descriptions

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

**ASIAN STUDIES 1 ITA-A: introduction to Asia A: politics, society and culture (15 CPs. Sem. II. Bu. Aw.)** AS1ITA-A Professor Robin Jeffery and Professor John Fitzgerald

*This subject qualifies as a first year politics subject.*

*See Asian Studies entry.*

**ASIAN STUDIES 1 ITA-B: introduction to Asia B: politics, society and culture (15 CPs. Sem. I. Bu. Aw.)** AS1ITA-B Professor Yoshio Sugimoto and Dr Angus McIntyre

*This subject qualifies as a first year politics subject.*

*See Asian Studies entry.*

**POLITICS 1 AA: Australian politics: government and society (15 CPs. Sem. I. Bu.)** PO1AA

Students are introduced to the major institutions and processes of the Australian political system in the context of an understanding of contemporary society and a critical examination of the main ideologies which underpin the system – liberalism, democracy and nationalism. After considering the historical emergence of the liberal democratic state, specific topics may include the Constitution, the federal system, parliament, executive government and political parties. Informal political actors including pressure groups, business, unions and the news media are also examined. Critiques of liberal democracy, including Marxist and feminist perspectives, are also introduced.

*Incompatible subject:* PO1A, 1987-1998.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one 1,000-word assignment (20%), one 1,500-word essay (30%), two 45-minute class tests (20% each) and tutorial participation (10%).

#### Recommended reading:

Maddox, G. *Australian democracy in theory and practice*, 3rd edn, Longman 1997.

Woodward, D., Parkin, A. and Summers J. *Government, politics, power and policy in Australia*, 6th edn, Longman 1997.

**POLITICS 1 AB: Australian politics: identities and change (15 CPs. Sem. II. Bu.)** PO1AB

Three themes crucial to contemporary Australian politics – social change, the politics of identity and forms of political action – are dealt with. To introduce the subject, an overview of social and political change in Australia since 1945 is provided, emphasising changing understandings of class and social identity, of national identity and symbols, and of the scope and potential of government intervention in society and the economy. Subsequent topics may include gender and feminism, the politics of sexuality, indigenous politics, multiculturalism, ethnic politics and environmental politics. In the context of these topics, attention is given to diverse forms of political action and mobilisation.

*Incompatible subject:* PO1A, 1987 to 1998.

*Class requirements:* one 2-hour lecture/seminar and one 1-hour tutorial per week.

*Assessment:* one 2,500-word essay (50%), one 1.5-hour examination (40%), and tutorial participation (10%).

#### Recommended reading:

Bolton, G. *The Oxford history of Australia volume 5, 1942-1995: the middle way*, 2nd edn, OUP 1996.

Stokes, G. *The politics of identity in Australia*, OUP 1997.

**POLITICS 1 IRA: world in transition: states, nations and security (15 CPs. Sem. I. Bu.)** PO1IRA Dr Anthony Jarvis and Dr Thomas Weber

This introduction to politics is set in the context of a rapidly changing world and covers the concepts of power, authority,

legitimacy and political obligations, including the history and nature of the modern state, the theory and practice of state sovereignty and their implications for international society, security, conflict and peace and world society.

**Incompatible subject:** Politics 1B, 1987 to 1998.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 500-word exercise (10%), two 1 000-word essays (25% each) one 1.5-hour examination (30%), and class participation (10%).

#### **Preliminary reading:**

Brown, S. *New forces, old forces, and the future of world politics*, Harper Collins 1995.

Camilleri J. A. and Falk, J. *The end of sovereignty?: the politics of a shrinking and fragmenting world*, Edward Elgar 1992.

Hocking, B. and Smith, M. *World politics: an introduction to international relations*, 2nd edn, Prentice Hall 1995.

Kegley, C. and Wittkopf, E. R. *World politics: trend and transformation*, 7th edn, St Martin's Press/Macmillan 1999

Nossal, K. *The patterns of world politics*, Prentice Hall 1998

**POLITICS 1 IRB: world in transition: economy, environment and human right (15 CPs. Sem. II. Bu.) PO1IRB Professor Joseph Camilleri and Dr Thomas Weber**

This introduction to politics is set in the context of a rapidly changing world and covers the effects of technological, economic and political change on international relations, including the organisation of the world economy, with particular reference to the United States, Japan and the newly industrialising economies. Particular attention is also drawn to human rights, gender and environmental issues in the changing agenda of international relations.

**Incompatible subject:** PO1B, 1987 to 1998.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 500-word exercise (15%), one 1,500-word essay (35%), one 2-hour examination (40%), and tutorial participation (10%).

#### **Recommended reading:**

Kegley, C. W. and Wittkopf, E. R. *World politics: trend and transformation*, 7th edn, St Martins/Macmillan 1999.

McGrew, A. (ed.) *The transformation of democracy: globalization and territorial democracy*, Polity Press 1997.

Nester, W. *International relations: geopolitical and geoeconomic conflict and co-operation*, Harper Collins 1995.

**POLITICS 2 AA: Australia, Asia and the world (20 CPs. Sem. II. Bu. Aw.) PO2AA Professor Joseph Camilleri and Dr Meg Gurry**

Students examine Australian foreign policy and Australia's foreign relations since 1945. Special focus is placed on the last decade and the significant changes that have occurred in Australia's understandings of Europe and Asia following the end of the Cold War. Some of the key themes explored are the influence of trade, defence, security, environmental and human rights considerations on the development of policy; the role of leadership; the impact of globalisation; multilateral institution- building; the Asian economic crisis; and the 'Asian values' debate. Within these broad themes, students examine a number of key bilateral relationships, including Indonesia, Japan, Malaysia, China, India, the United States, and the European Union. They also examine the changing popular images of Asia since the days of the White Australia policy and ask to what extent these understandings have shaped official policies.

**Prerequisite:** 30 credit points, including any first year politics, Asian studies or Asian language, History 1 ASR, Sociology 2JP/ 3JP; Sociology 2TD/3TD or permission of the subject co-ordinator.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,000-word assignment (20%), one 2,500-word research essay (35%), tutorial participation (10%), and one 2-hour examination (35%).

#### **Recommended reading:**

Cotton, J. and Ravenhill, J. (eds) *Seeking Asian engagement: Australia in world affairs 1990-95*, OUP 1997.

Smith, G. and McGillivray, M. (eds.) *Australia and Asia*, OUP 1997.

**POLITICS 2 AP: contemporary Australian politics (20 CPs. Sem. I. Bu. Aw.) PO2AP Dr Uldis Ozolins**

This subject is about Australian politics in the 1980s and 1990s, in particular the issues arising from Australia's changing understanding of the sort of society it is and its place in the world. Issues such as immigration, multiculturalism, tariffs, defence, republicanism, Aboriginal land rights, citizenship and trade policy are examined. Such issues raise questions about the boundaries of Australia, the boundaries between the Australian nation state and other nation states and the boundaries which mark membership of the Australian nation. Tutorials and assessments focus on the skills necessary to

research and analyse issues, conflicts and events in contemporary Australian politics.

**Prerequisite:** 30 credit points of first-year politics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator. While not all students would have done Politics 1 AA and Politics 1 AB, prior knowledge of the institutional structure of Australian politics and of Australian political history since World War 2 is assumed.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,500-word research assignment (30%), one 2,000-word research essay (30%), one 1.5-hour examination (30%), and tutorial participation (10%).

#### **Preliminary reading:**

Bolton, G. *The Oxford history of Australia, 1942-1995*, vol. 5, OUP 1997.

Emy, H. *Remaking Australia: the state, the market and Australia's future*, Allen & Unwin 1993.

Kelly, P. *The end of certainty: power, politics and business in Australia*, Allen & Unwin 1994.

Goot, M., Gillespie, J. and Brett, J. *Developments in Australian politics*, Macmillan 1994.

Wiseman, J. *Global nation?* CUP 1998

**POLITICS 2 B: Soviet and Russian politics - from communism to post-communism (20 CPs. Sem. II. Bu.) PO2B Mr John Miller**

Why did the seeming-powerful Soviet Union collapse as quickly and completely as it did? Why has turmoil replaced Soviet discipline and centralisation? In this subject students seek answers to these questions. About half of the subject is devoted to the main features, dynamics and problems of the Soviet system and the failure of Gorbachev's bid to preserve it by reform. The principal political and social developments in Russia and some of the other 'successor states' are then traced and some of the common features and problems of 'post- communist' politics identified.

**Prerequisite:** 30 credit points of first year politics or Asian Studies 1 ITA-A or 1 ITA-B, or approval of the subject co-ordinator.

**Class requirements:** two 1-hour lectures per week and one 1-hour tutorial per week.

**Assessment:** one 3-hour, half-sighted examination (50%), one 2,000-word essay (40%), and tutorial participation (10%).

#### **Preliminary reading:**

Hosking, G. *A history of the Soviet Union*, 3rd edn, Fontana 1991.

Miller, J. *Mikhail Gorbachev and the end of Soviet power*, Macmillan 1993.

#### **Recommended reading:**

Bremmer, I. and Taras, R. *New states, new politics: building the post-Soviet nations*, 2nd rev. edn, Cambridge University Press 1996.

Lowenhardt, J. *The reincarnation of Russia*, Duke University Press 1995.

**POLITICS 2 BK: international relations of the Balkans (20 CPs. Sem. II. Bu.) PO2BK Dr John Chiddick**

This subject deals with the international politics of the Balkan countries and Turkey, with particular but not exclusive reference to the period since 1945. A historical overview is provided of earlier 20th century developments, such as the Balkan Wars, the emergence of the Turkish Republic and the impact of the rise of Fascism and the Second World War. Thereafter the subject centres on the interplay between the Cold War and regional issues, with attention paid to the Greek Civil War, Yugoslav-Soviet relations, the Trieste dispute, Greco-Turkish tensions and the rise and decline of Communism. Finally, the post-Communist period is examined, with special reference to the fragmentation of Yugoslavia.

**Prerequisite:** 30 credit points of first year politics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 3-hour examination (50%), one 1,500-word essay (40%), and a shorter written assignment (10%).

#### **Recommended reading:**

Jelavich, B. *History of the Balkans: twentieth century*, Vol. 2, Cambridge UP 1983.

**POLITICS 2 CBP: comparative business and politics (20 CPs. Sem. II. Bu.) PO2CBP Dr Leon Glezer**

This subject examines the role and impact of business institutions in the politics of advanced industrial countries, with an emphasis on Australian examples. The subject explores determinants of the political influence of companies, including multinational corporations, business associations and sectors of business communities. Topics include the ways business interests are organised, the forms of their political participation, the beliefs of business people and the

consequences of greater international business linkages. Changes in the capacity of business interests to influence the outcomes of political processes are also examined in discussing policy issues, such as labour relations, competition policy, environmental and consumer protection regulations and corporate governance.

**Prerequisite:** 30 credit points of first year politics, sociology or economics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** one 1.5 hour lecture and one 1.5 hour tutorial per week.

**Assessment:** one 2-hour examination (40%), one 2,000-word essay (35%), one 1,000-word class paper (15%), and tutorial participation (10%).

**Recommended reading:**

Grant, S. and Sargent, J. *Business and politics in Britain*, 2nd edn, Macmillan 1987.

Vogel, D. *Fluctuating fortunes*, Basic Books 1989.

Wilson, K. G. *Business and politics: a comparative introduction*, 2nd edn, 1990.

**POLITICS 2 CE: the politics of Central Europe (20 CPs. Sem. I. Bu.)**

**PO2CE Mr Robert Manne**

This subject involves an investigation of political developments in Central Europe from the creation of the independent nation-states after the First World War to the present day. Students will be concerned with political cultures in Central Europe, the impact on the region of Nazi Germany and later, the USSR, the overthrow of communist rule in Central Europe in 1989 and the various trajectories the nations of Central Europe have taken since 1989.

**Incompatible subject:** Politics 2 IC/3 IC.

**Prerequisite:** 30 credit-points of first year politics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** one 2-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 3,000-word essay (40%), class participation (10%), and one 2-hour examination (50%).

**Recommended reading:**

Rothschild, J. *Return to diversity: a political history of east central Europe since World War II*, 2nd edn, OUP 1993.

**POLITICS 2 CP: Chinese politics (20 CPs. Sem. II. Bu.) PO2CP**

**Professor John Fitzgerald**

This is an exploration of the politics of 20th century China, with an emphasis on the politics of the PRC. Topics include political institutions, political processes, the cultural environment of politics and the social and economic bases of politics in the PRC.

**Incompatible subject:** PO2CJ/PO3CJ.

**Prerequisite:** 30 credit points of first year politics or Asian Studies 1 ITA-A or 1 ITA-B, enrolment in an Asian studies or development studies major, or permission of the subject co-ordinator.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (40%), one 1,000-word book review (10%), one 2,000-word essay (40%), and two brief class assignments (10%).

**Prescribed reading:**

Dreyer, J. *China's political system: modernization and tradition*, Macmillan 1996.

**POLITICS 2 E: history of modern political thought (20 CPs. Sem. I. Bu.) PO2E Dr Sanjay Seth**

This subject looks at the writings of some important and influential modern political thinkers between the 17th and 19th centuries. Political theorists to be studied include the social contract theorists (Hobbes, Locke, Rousseau) and the two very different responses to 19th century capitalism and the new era of mass politics embodied in the works of J. S. Mill and Karl Marx. The subject seeks to place some of the canonical texts of the Western tradition in their historical and political context. It will raise some general and thematic questions, to do with women in Western political thought, the notion that natural science should serve as a paradigm for political thinking and so on.

**Prerequisite:** 30 credit points of first year politics or Asian Studies 1 ITA-A or 1 ITA-B or approval of the subject co-ordinator.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (30%), two 1,500-word essays (60%), and class participation (10%).

**Recommended reading:**

Germino, D. *Machiavelli to Marx*, University of Chicago Press 1979.

Macpherson, C. B. *The political theory of possessive individualism: from Hobbes to Locke*, Clarendon Press 1964.

Rapaczynski, A. *Nature and politics: liberalism in the philosophies of Hobbes, Locke and Rousseau*, Cornell University Press 1987.

**POLITICS 2 ER: the politics of economic regions: Europe, Asia-Pacific, North America (20 CPs. Sem II. Bu.) PO2ER Dr Anthony Jarvis**

This subject is an introduction to political economy and explores the impact of trading blocs, unions, communities or other forms of collective co-operation and the growing importance of the region in world politics. The political, economic and institutional dynamics of the three most significant regions, Europe, Asia-Pacific and North America, are examined. The origins and operation of the major institutional arrangements of these regions - the European Union, the Asia-Pacific Economic Co-operation grouping, and the North America Free Trade Agreement - are explained. The focus is particularly on a number of themes: the differing nature and objectives of these regional organisations; tensions within the regions especially on issues of membership, degree of integration, and objectives; tensions between the regions especially on issues of trade access, subsidy and exclusion; and the likely future development of these organisations.

**Prerequisite:** 30 credit points of first year politics, history, economics or Asian Studies 1 ITA-A or 1 ITA-B. Other subjects with co-ordinator's approval.

**Class requirements:** one 1.5 hour lecture and one 1.5 hour seminar weekly.

**Assessment:** one 2,000 word essay (40%), participation in seminar (10%), one 1-hour class test (15%), and one 2-hour final examination (35%).

**Preliminary reading:**

Gibb, R. and Michalak, W. (eds.) *Continental trading blocs: the growth of regionalism in the world economy*, J. Wiley 1994.

**Prescribed reading:**

Wallace, W. *The transformation of Western Europe*, RIIA 1990.

Nugent, N. *The government and politics of the European community*, Macmillan 1991.

Garnaut, R. and Drysdale, P. *Asia Pacific regionalism: readings in international economic relations*, Harper Educational 1994.

Garnaut, R. and McLeod, R. eds, *East Asia in crisis: from being a miracle to needing one* Routledge 1998.

Barry Bosworth, B., Susan M., Collins, S. and Lustig, N. (eds) *Coming together?: Mexico-United States relations*, Brookings Institution Press 1997.

**POLITICS 2 F: international relations: the cold war and the great powers since 1945 (20 CPs. Sem. I. Bu.) PO2F Dr John Chiddick**

This is an examination of the history of international politics since 1945, with special reference to the cold war. The aim is to offer an account of that conflict and to introduce competing interpretations of its origins, development and outcome. While the main emphasis is on the antagonisms between the West and Soviet bloc up to the late 1980s, some time is also spent on the new pattern of international relations which has developed since the collapse of the Soviet camp.

**Prerequisite:** 30 credit points of first year politics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Incompatible subject:** PO2F-A 1997 to 1999.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (50%), one 2,000-word essay (40%), and one 1,500-word assignment (10%).

**Recommended reading:**

Ambrose, S. E. and Brinkley, D. G. *Rise to globalism*, 8th rev. edn, Penguin 1997.

Calvocoressi, P. *World politics since 1945*, 7th edn, Longman 1996.

Vadney, T. E. *The world since 1945*, 3rd edn, Penguin 1998.

**POLITICS 2 G: German politics since the Second World War (20 CPs. Sem. II. Bu.) PO2G Mr John Miller**

*Not available in 2000.*

**POLITICS 2 IL: international law and international organisation (20 CPs. Sem. II. Bu.) PO2IL Professor Joseph Camilleri, Dr Anthony Jarvis and Mr Stephen James**

In an increasingly interdependent world, international law and international organisation is playing an important part in regulating human activity, both within and between states. This subject is an examination of this trend, with particular reference to developments since 1945. It focuses on the law of the sea, international environmental law, war and international law, migration and refugees and world trade. Special attention is given to the role of multilateral treaties and institutions, in particular the United Nations system, although regional organisations, in particular, the European Union, are also considered.

**Prerequisite:** 30 credit points of first year politics, or Asian Studies ITA-A or ITA-B, or legal studies or any of second or third year Legal Studies units 2PIL/3PIL, 2HRL/3HRL, 3MNL or permission of the subject co-ordinator.

**Class requirements:** one 1.5-hour lecture and one 1.5-hour seminar per week.  
**Assessment:** one 2,000-word essay (40%), participation in seminar (10%), one 1-hour class test (15%), and one 2-hour final examination (35%).

**Recommended reading:**

Akehurst, M. *Modern introduction to international law*, Routledge 1995.

Luard, E. *The globalization of politics*, Macmillan 1990.

Ruggie, J. G. *Multilateralism matters: the theory and praxis of an institutional form*, Columbia UP 1993.

**POLITICS 2 JP: Japanese politics (20 CPs. Sem I, Bu.) P02JP**

Professor John Fitzgerald

This subject is an exploration of the politics of twentieth century Japan, with an emphasis on the post-war period. Topics covered include the political institutions, the political processes, the cultural environment of politics, and the social and economic bases of politics in Japan.

**Prerequisite:** 30 credit points of first-year politics, or Asian Studies 1 ITA-A or 1 ITA-B, or enrolment in an Asian Studies or development studies major or permission of the subject co-ordinator.

**Incompatible subject:** PO2CJ/PO3CJ.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,000-word book review (10%), one 2,000-word essay (40%), two brief class assignments (10%), one 2-hour examination (40%).

**Recommended reading:**

Hayes, L. *Introduction to Japanese society*, Paragon 1992

Hendry, J. *Understanding Japanese society*, Routledge 1990

**POLITICS 2 LC: liberalism and its critics (20 CPs. Sem. I. Bu.)**

P02LC Dr Sanjay Seth

With the collapse of the 'socialist' regimes in Eastern Europe and the former Soviet Union, liberalism today appears as a triumphant political theory and system. This subject introduces students to the liberal tradition and to some of its most important critics. We begin by examining the concepts and values (equality, rights, autonomy, and others) which are central to liberal thought. Having looked at the core values of liberalism, we proceed to examine and evaluate communitarian, feminist and Marxist critiques of liberalism.

**Incompatible subject:** Politics 3H, 1992 to 1993.

**Prerequisite:** 30 credit points of first-year politics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** one 1.5-hour lecture and one 1.5-hour tutorial per week.

**Assessment:** two 1,500-word essays (60%), one 2-hour examination (30%), and contribution to class-work (10%).

**Preliminary reading:**

Arblaster, A. *The rise and decline of western liberalism*, Oxford University Press 1987.

**Recommended reading:**

Gray, J. *Liberalism*, University of Minnesota Press 1986.

Kymlicka, W. *Liberalism, community and culture*, Oxford University Press 1989.

**POLITICS 2 ME: international relations of the Middle East (20 CPs. Sem. I. Bu.) P02ME**

Dr John Chiddick

This subject examines the international relations of the Middle East in the period since World War 2. The term Middle East is taken to include Egypt, the Arab countries of West Asia, Iran and Afghanistan. The main focus is on the interaction between great power antagonisms which have had an impact on the area and conflicts originating in the region itself. Among specific topics covered are the rise of Arab nationalism, the involvement of both regional and external powers in the Palestine question and the wars resulting from it, the struggle between the United States and the Soviet Union for influence in the Arab world and Iran and the origins and development of the conflict in Afghanistan.

**Prerequisite:** 30 credit points of first-year politics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 3-hour examination (50%), one 1,500-word essay (40%), and a shorter written assignment (10%).

**Recommended reading:**

Mansfield, P. *The Arabs*, rev. edn, Penguin 1992.

Mansfield, P. *A history of the Middle East*, Penguin 1992.

Rodinson, M. *Israel and the Arabs*, 2nd edn, Penguin 1982.

**POLITICS 2 NS: nations and states (20 CPs. Sem. I. Bu.) P02NS** Mr John Miller

Why did Yugoslavia and the Soviet Union break up? Why should Quebec want to secede from Canada? Why the war over Kosovo? Why do Ulster Unionists oppose a united Ireland? Often such puzzles mean that one of the great struggles of the modern world is going on, struggles to build 'nations' and to impose the rule of 'states'. The subject explores this problem world-wide. Using case studies of successful and unsuccessful nation-building and state-building, students examine the development of the modern nation and modern state and ask why the 'nation state' became an international norm and what its future prospects may be. In 2000 these case studies will be drawn mainly from Western Europe, the Balkans and Indonesia. The subject is especially recommended for students planning to enrol in subjects concerning non-English-speaking countries.

**Prerequisite:** 30 credit points of first-year politics, or Asian Studies 1 ITA-A or 1 ITA-B, or approval of the subject co-ordinator

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one 3-hour, half-sighted examination (50%), one 2,000-word essay (40%), and tutorial participation (10%).

**Preliminary reading:**

Crone, P. *Pre-industrial societies*, Blackwell 1989.

**Recommended reading:**

Anderson, B. *Imagined communities*, rev. edn. Verso 1991.

Gellner, E. *Nationalism*, New York University Press 1997.

Poggi, G. *The development of the modern state: a sociological introduction*, Stanford 1978.

**POLITICS 2 PC: peace and change (20 CPs. Sem. II. Bu.) P02PC** Dr Thomas Weber

This subject provides an interdisciplinary survey of the major issues regarding peace and its correlates - conflict, violence and exploitation. Students critically review the ways that institutions, organisations and individuals have approached these problems. Topics include the causes and legacies of wars, peace actions through the World Court, peacekeeping by the United Nations and by peace groups, environmental security, Gandhian, feminist and religious approach to war and violence, the impact of peace movements and peace actions by individuals and conflict resolution.

**Prerequisite:** 30 credit points of first-year politics or sociology or Asian Studies 1 ITA-A or 1 ITA-B, or enrolment in a peace studies sequence or permission of the subject co-ordinator.

**Incompatible subject:** L2PLO/L3PLO and IDS2PS/IDS3PS.

**Class requirements:** one 1.5-hour lecture and one 1.5-hour seminar per week.

**Assessment:** one 1,000-word seminar paper (20%), one 2,500-word research essay (50%), and one 1.5-hour examination (30%).

**Preliminary reading:**

Carter, A. *Peace movements*, Longman 1992.

Dyer, G. *War*, Bodley Head 1986.

Fisher R. and Ury, W. *Getting to yes*, Arrow 1991.

Weber, T. *Conflict resolution and Gandhian ethics*, Gandhi Peace Foundation 1991.

**POLITICS 2 PE: politics and the economy (20 CPs. Sem. I. Bu.)**

P02PE Dr Leon Glezer

The focus is on the relationship between political institutions and economic processes in advanced industrial societies, with emphasis on Australia. Topics include recent debates in the literature on political economy, the impact of global economic integration, the role of political parties and elections and institutional and ideological influences on policy choices. The discussion is illustrated with reference to specific policy problems, such as competitiveness, growth, redistribution and unemployment.

**Prerequisite:** 30 credit points of first-year politics, sociology, economics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** one 1.5-hour lecture and one 1.5-hour tutorial per week.

**Assessment:** one 2-hour examination (40%), one 2,000-word essay (35%), one 1,000-word class paper (15%), and class participation (10%).

**Recommended reading:**

Argy, F. *Australia at the crossroads*, Allen & Unwin 1998.

Bell, S. *Ungoverning the economy*, OUP 1997.

Krugman, P. *Peddling prosperity*, W.W. Norton 1994.

**POLITICS 2 PM: politics and media (20 CPs. Sem. II. Bu.) P02PM**

Professor Robin Jeffrey

Students examine the effects of media on liberty, government and politics, from the invention of the printing press to the coming of the

Internet. Once, the ideas that shaped us came only from a few near-at-hand sources - family, fellow villagers, perhaps a religious leader or representative of a distant government. Today, city-dwellers are bombarded with information. What determines what we read, see and hear? How have media-technology and capitalism interacted in various parts of the world in the past 200 years to change political systems and practices?

**Prerequisite:** 30 credit points of first-year politics or media subjects or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** workshop presentation and exercises equivalent of 1,000-words (30%), one 2,000-word essay (40%), and one 2-hour final examination (30%).

**Preliminary reading:**

Hoggart, R. *The uses of literacy*, Penguin 1992.

McLuhan, M. *The Gutenberg galaxy*, University of Toronto Press 1962.

**Recommended reading:**

Bagdikian, B. H. *The media monopoly*, 5th edition, Beacon Press 1997.

Cunningham, S and Turner, G. (eds) *The media in Australia*, Allen and Unwin 1993.

**POLITICS 2 SA-2: understanding South Asia: dynamism, divisions, direction (20 CPs. Sem. II. Bu.) PO2SA2 Professor Robin Jeffrey**  
Not available in 2000.

**POLITICS 2 SEA: boom and bust in Southeast Asia (20 CPs. Sem I. Bu.) PO2SEA Dr Angus McIntyre**

In this subject the principal focus will be the collapse of the Thai currency in July 1997 and its economic and political consequences for the countries of Southeast Asia. The aim of the subject is to illuminate the origins of the currency crisis itself and to explain the varying degrees of success and failure in the response of the different Southeast Asian countries to it. This task will require comparative analysis of relevant economic and political factors in the recent histories of the countries concerned.

**Prerequisite:** 30 credit points of first-year politics or Asian Studies subject or permission of the subject co-ordinator.

**Incompatible subject:** PO2IP/PO3IP.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** weekly tutorial-based tasks (20%), one 3,000-word essay (60%), one 1-hour examination (20%).

**Preliminary reading:**

Anderson, B. 'From miracle to crash' *London Review of Books* 16 April 1998, pp. 3-7.

**Prescribed reading:**

McVey, R., *Southeast Asian capitalists*, Cornell University Studies on Southeast Asia 1992.

Garnaut, R. and McLeod, R. eds, *East Asia in crisis: from being a miracle to needing one* Routledge 1998.

Chirot, D. and Reid, A. *Essential outsiders: Chinese and Jews in the modern transformation of Southeast Asia and Central Europe* University of Washington Press 1997

**POLITICS 2 TA: theories of trade unionism (20 CPs. Sem. I. Bu.) PO2TA Professor Ross Martin**

Not available in 2000.

**POLITICS 2 TB: comparative trade unionism (20 CPs. Sem 1. Bu.) PO2TB Professor Ross Martin**

A study of the trade union as a highly politicised and virtually universal institution in the world of today. The subject is concerned (at both the national and the international level) with the relations which trade unions have with each other, with governments, with political parties, and with private employers.

**Prerequisite:** 30 credit points of first-year politics, or Asian Studies 1 ITA-A or 1 ITA-B, or by permission of the subject co-ordinator.

**Class requirements:** one 2-hour lecture and one 1-hour seminar per week.

**Assessment:** one 2-hour, half-sighted examination (50%), one 3,000-word essay (40%), and tutorial participation (10%).

**Prescribed reading:**

Martin R. M. *Trade unionism: purposes and forms*, Clarendon 1989.

**POLITICS 2 UC: cultural politics in the United States (20 CPs. Sem I. Bu.) PO2UC Professor Dennis Altman**

In this subject we examine in some detail the emergence of social and cultural politics in the United States over the past two decades, and the attempts to theorise divisions around identity politics and social issues. Its focus is on changing constructions of race, gender, sexuality and difference, and the ways in which these have become

central to American political debate and the mobilisation of support across existing party, regional and class divisions.

**Prerequisites:** 30 credit points of politics, sociology or anthropology or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** one 2-hour lecture and one 1-hour seminar per week.

**Assessment:** one 2,000-word essay (40%), one 1,000-word class assignment (20%), and one 2-hour examination (40%).

**Preliminary reading:**

Wolfe, T. *Bonfire of the vanities*, Farrar, Straus 1987 or,

Wolfe, T. *A man in full*, Jonathan Cape 1998.

**POLITICS 2 US: introduction to American politics (20 CPs. Sem. II. Bu.) PO2US Professor Dennis Altman**

Not available in 2000.

**POLITICS 2 WP: theories of world politics (20 CPs. Sem. I. Bu.)**

**PO2WP Professor Joseph Camilleri and Dr Anthony Jarvis**

This subject considers some of the recurring themes in the study of world society, in particular the implications of various conceptions of international relations (including realism and idealism) the significance of boundaries and the role of values, norms, and institutions. It then examines the internationalisation of human affairs and the various explanatory models that have emerged around the notions of interdependence, integration, world system, world order and world economy.

**Prerequisite:** 30 credit points of first-year politics or Asian Studies 1 ITA-A or 1 ITA-B or permission of the subject co-ordinator.

**Class requirements:** one 1.5-hour lecture and one 1.5-hour seminar each week.

**Assessment:** one 2-hour examination (35%), one 1,750-word essay (30%), one 750-word essay (20%), and one 500-word class paper (15%).

**Preliminary reading:**

Bull, H. *The anarchical society: a study of order in world politics*, Macmillan 1977.

Halliday, F. *Rethinking international relations*, Macmillan 1995.

**Recommended reading:**

Baylis, J. and Smith, S. (eds) *The globalization of world politics. An introduction to international relations*, Oxford University Press 1999.

Booth, K. & Smith, S. (eds.) *International relations theory today*, Polity Press 1995.

Camilleri J. and Falk, J. *The end of sovereignty? The politics of a shrinking and fragmenting world*, Edward Elgar 1992.

**POLITICS 3 AA: Australia, Asia and the world (20 CPs. Sem. II. Bu. Aw.) PO3AA Professor Joseph Camilleri and Dr Meg Gurry**

See *Politics 2 AA* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 AP: contemporary Australian politics (20 CPs. Sem. I. Bu. Aw.) PO3AP Dr Uldis Ozolins**

See *Politics 2 AP* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 B: Soviet and Russian politics - from communism to post-communism (20 CPs. Sem. II. Bu.) PO3B Mr John Miller**

See *Politics 2 B* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 BK: international relations of the Balkans (20 CPs. Sem. II. Bu.) PO3BK Dr John Chiddick**

See *Politics 2 BK* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 CE: the politics of Central Europe (20 CPs. Sem. I. Bu.) PO3CE Mr Robert Manne**

See *Politics 2 CE* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 CP: Chinese politics (20 CPs. Sem. II. Bu.) PO3CP Professor John Fitzgerald**

See *Politics 2 CP* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.



**POLITICS 3 E: history of modern political thought (20 CPs. Sem. I. Bu.) P03E Dr Sanjay Seth**

See *Politics 2 E* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 FR: independently chosen topic (20 CPs. Sem. I or II. Bu.) P03FR**

Available to students taking 160 or more credit points of politics who wish to study an area of the discipline not covered by existing subjects. Prospective students must satisfy the Head of Discipline that they have a staff member's agreement to supervise the project, at least one B grade or better in a relevant subject, a referee to comment on their capacity for self-directed study and no more than one free reading component in their degree course.

**Prerequisite:** approval of the Head of Discipline.

**Class requirements:** report to supervisor at least once each week.

**Assessment:** by essays and examination as arranged for each student.

**POLITICS 3 G: German politics since the Second World War (20 CPs. Sem. II. Bu.) P03G Mr John Miller**

Not available in 2000.

**POLITICS 3 H: politics in the twentieth century (20 CPs. Sem. I. Bu.) P03H Mr Robert Manne**

This subject is a prerequisite for students wishing to proceed to an honours degree in politics, but is not restricted to such students. It is designed to introduce students to core issues and themes in 20th century politics. Students examine some of the most important episodes, movements and ideas in the politics of the 20th century (the impact of war, communism, Nazism, the cold war, decolonisation, culture and society after the 1960s etc.) and the writings of some of the century's most influential interpreters of these episodes, movements and ideas.

**Prerequisite:** by invitation of Head of Discipline, issued to students who have performed at a high level (C+ or better) in first and second-year politics subjects.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 2-hour examination (40%), one 3,000-word essay (50%), and seminar participation (10%).

**Recommended reading:**

Hobsbawm, E. *Age of extremes: the short twentieth century, 1914-1991*, Michael Joseph 1994.

**POLITICS 3 IL: international law and international organisation (20 CPs. Sem. II. Bu.) P03IL Professor Joseph Camilleri, Dr Anthony Jarvis and Mr Stephen James**

See *Politics 2 IL* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 JP: Japanese politics (20 CPs. Sem I, Bu.) P03JP Professor John Fitzgerald**

See *Politics 2 JP* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 LC: liberalism and its critics (20 CPs. Sem. I. Bu.) P03LC Dr Sanjay Seth**

See *Politics 2 LC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 ME: international relations of the Middle East (20 CPs. Sem. I. Bu.) P03ME Dr John Chiddick**

See *Politics 2 ME* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 NS: nations and states (20 CPs. Sem. I. Bu.) P03NS Mr John Miller**

See *Politics 2 NS* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 PC: peace and change (20 CPs. Sem. II. Bu.) P03PC Dr Thomas Weber**

See *Politics 2 PC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 PM: politics and media (20 CPs. Sem. II. Bu.) P03PM Professor Robin Jeffrey**

See *Politics 2 PM* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 SA-2: understanding South Asia: dynamism, divisions, directions (20 CPs. Sem. II. Bu.) P03SA2 Professor Robin Jeffrey**

Not available in 2000.

**POLITICS 3 SEA: boom and bust in Southeast Asia (20 CPs. Sem I. Bu.) P03SEA Dr Angus McIntyre**

See *Politics 2 SEA* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 TA: theories of trade unionism (20 CPs. Sem. I. Bu.) P03TA Professor Ross Martin**

Not available in 2000.

**POLITICS 3 TB: comparative trade unionism (20 CPs. Sem I. Bu.) P03TB Professor Ross Martin**

See *Politics 2 TB* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 UC: cultural politics in the United States (20 CPs. Sem I. Bu.) P03UC Professor Dennis Altman**

See *Politics 2 UC* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**POLITICS 3 US: introduction to American politics (20 CPs. Sem. II. Bu.) P03US Professor Dennis Altman**

Not available in 2000.

**POLITICS 3 WP: theories of world politics (20 CPs. Sem. I. Bu.) P03WP Professor Joseph Camilleri and Dr Anthony Jarvis**

See *Politics 2 WP* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skill in their written work than second year students.

**Psychoanalytic Studies**

**Coordinator:** Dr David Tacey (English)  
**Inquiries:** (03) 9479 1042  
**eMail:** d.tacey@latrobe.edu.au

Psychoanalytic studies enables students to focus on a variety of subjects which relate to psychoanalysis and depth psychological theory. In the student community there is much interest in Freud, Jung and their respective followers, especially in the impact of psychoanalytic traditions on the humanities, social sciences and cultural studies.

The Faculty offers a unique program of study which allows students to develop and further their interests in the psychoanalytic field. It should be noted however, that including this area of study in a degree course, or undertaking higher degree studies in this area of study, does not enable students or higher degree candidates to become practicing psychologists or psychoanalysts.

This area of study is broadly intellectual and educational and is not to be regarded as a preparation for clinical work. Psychoanalytic studies must not be confused with the discipline of psychology.

The subjects are concerned with the application of theories of the unconscious to literature, society, politics, history, gender, education and other areas.

Students intending to enrol for a major in this area should consult the Head of the area on tel: (03) 9479 2412, or by fax on: (03) 9479 3637.

**Programs of study**

Students who wish to qualify for a degree by taking a major in psychoanalytic studies must complete at least 150 credit points from those listed below, including at least 40 credit points at second year and 80 credit points at third year levels. There are no first year subjects in this area of study. Students make their own selection of first year subjects, but are advised that their choice of first year subjects may influence the subjects available to them at later years owing to prerequisite considerations.



### Important notice

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

### Second or third year subjects 20 credit points

Cinema Studies 2 PV/3 PV: psychoanalysis and the cinema  
English 2 FMC/3 FMC: Freud and comedy  
English 2 JCP/3 JCP: Jung's cultural psychology  
English 2 PF/3 PF: psychoanalysis and fictions  
Philosophy 2 FR/3 FR: Freud  
Sociology 2 DD/3 DD: disintegration and dread in modern society  
Sociology 2 EL/3 EL: sociology and everyday life  
Sociology 2 MCS/3 MCS: interviewing  
Sociology 2 PP/3 PP: personality and politics  
Sociology 2 PS/3 PS: personality and society  
Sociology 2 TCA/3 TCA: sociology of culture  
Women's Studies 2 WPP/3 WPP: women, psychology and psychologists

### Honours

Students are admitted into honours at the end of their third year. Prospective students should make their interest known by mid-November so that a decision can be made in time for re-enrolment in December.

The principal requirement for selection into honours is consistently high performance (normally at least a B average) in the major in this area of study and in particular, distinction in third year level psychoanalytic subjects.

Prospective honours candidates must have a clear idea of their research topic, with admission into the year dependent on the availability of an appropriate supervisor for the desired research project.

To satisfy the degree requirements, a student must complete three semester subjects, and a 10,000 to 12,000-word minor thesis. One of the subjects may be a third year subject (not previously completed by the student) examined at honours level.

### POSTGRADUATE DIPLOMA IN PSYCHOANALYTIC STUDIES

A Postgraduate Diploma in Psychoanalytic Studies is offered by the Faculty. See the Postgraduate volume of the *Handbook*.

### Religious Studies

**Director:** Dr Anne Gardner (History) first semester  
Dr Greg Bailey (Asian Studies) second semester.

The Religious Studies Program offers an academic study of various religions, from two different perspectives: the first provides an understanding of some of the great religious traditions. Those taught at present are Australian Aboriginal, Chinese, Christian, Indian, Japanese and Jewish. The second perspective is the study of religions and/or spirituality in the context of various disciplinary approaches: historical, philosophical, sociological, anthropological and literary. The staff who teach the Religious Studies program belong to various departments, and their offerings are listed accordingly i.e. as Asian Studies, English, History, Philosophy or Sociology.

The program caters for students who wish to prepare for teaching both religious studies and biblical studies in schools, as well as those with a general interest in religion.

### Programs of study

Students intending to qualify for the degree with a major in religious studies are normally required to take 150 credit points of religious studies, 80 credit points of which must be taken at third-year level. Those intending to proceed to honours level normally should take the equivalent of at least 190 credit points.

Students who wish to satisfy the degree requirements by taking two sequences, one of which is in religious studies, are required to take 110 credit points in religious studies, including 40 credit points at third year level.

Students wishing to study Christianity may consider taking ancient Greek. Those wishing to study Indian traditions should consider taking Sanskrit. See the entries under ancient Greek and Sanskrit in this *Handbook*.

### First year subjects 15 credit points

**Sem.**  
1 English 1 SRP: spirituality and rites of passage  
1 History 1 ABR: Aboriginal and Pacific religions  
1 History 1 ACA: ancient civilisations part A  
2 Asian Studies 1 ASR: Asian religions  
2 History 1 ACB: ancient civilisations part B<sup>1</sup>

### Second or third year subjects 10 credit points

2 Asian Studies 2H/3H: introduction to Hinduism

### 20 credit points

1 Asian Studies 2 B/3 B: introduction to Buddhism  
1 History 2 AIA/3 AIA: ancient Israel Part A  
1 History 2 AR/3 AR: Aboriginal religion  
1 History 2 EJ/3 EJ: early Jewish history and culture<sup>1</sup>  
1 History 2 JFF/3 JFF: Jesus: fact or fiction?<sup>1</sup>  
2 Asian Studies 2 EM/3 EM: eastern meditational traditions  
2 History 2 AC/3 AC: ancient China, society and ideas  
2 History 2 AGR/3 AGR: antiquity, gender and religion<sup>1</sup>  
2 History 2 AIB/3 AIB: ancient Israel Part B<sup>1</sup>  
2 History 2 IMC/3 IMC: the ideas that shaped modern China  
2 Sociology 2 NRM/3 NRM: new religious movements

### Third year subjects

### 20 credit points

1/2 Religious Studies 3 IRS: individual reading subject (or throughout year)

**Key:**<sup>1</sup> Not available in 2000.

### Other subjects approved for a religious studies major

Without permission from the Director of the Program, no more than 80 credit points of subjects from this category may be credited towards a 150 credit point major in religious studies.

### Important notice

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

### First year subjects

### 15 credit points

Art History 1 IC: reading pictures: icon, symbol and narrative in art  
History 1 MLH: myth, legend, history

### Second or third year subjects

### 20 credit points

Anthropology 2 PA/3 PA: psychological anthropology  
Anthropology 2 SYM/3 SYM: symbols, psyche and society  
Art History 2 ECT/3 ECT: the early Christian tradition in East and West, c.312-c.1320  
English 2 JCP/3 JCP: Jung's cultural psychology  
History 2 FSHA/3 FSHA: rite, drama and witchcraft in early modern France  
History 2 FSHB/3 FSHB: social relationships in early modern France 1500-1750  
Philosophy 2 FR/3 FR: Freud  
Philosophy 2 JS/3 JS: Jung seminar  
Philosophy 2 JU/3 JU: Jung  
Philosophy 2 ML/3 ML: values and the meaning of life  
Philosophy 2 PLH/3 PLH: philosophy of love and hate  
Philosophy 2 PRA/3 PRA: philosophy of religion A  
Sanskrit 1-1  
Sanskrit 1-2  
Sanskrit 1-3  
Sanskrit 2-1  
Sanskrit 2-2  
Sanskrit 3-1  
Sanskrit 3-2  
Sociology 2 CL/3 CL: social change in Latin America  
Sociology 2 DD/3 DD: disintegration and dread in modern society  
Sociology 2 TCA/3 TCA: sociology of culture

### Third year subjects

### 20 credit points

Art History 3 T: early Christian and medieval Rome, c. 312-1308  
Philosophy 3 JR: Jung reading

### Honours

The honours program in religious studies requires intensive study in the third and fourth years of the degree. Students intending to do honours should consult the Director of the Program about their choice of subjects. A 190 credit point major in religious studies is normally required of prospective honours students who must demonstrate their ability to cope with the honours program.

Fourth year students are required to write a minor thesis of between 12,000 and 15,000-words, undertake a special study normally related to the thesis topic and a methodology subject and attend the honours seminar in the department of their thesis supervisor. Details are available from the Director of the Program.

### Subject Description

**RELIGIOUS STUDIES 3 IRS: individual reading subject (20 CPs. Sem. I or II, or all year Bu.) RS3IRS**

Individual reading subjects may be organised by arrangement with an appropriate member of staff and subject to approval of the Director of the Religious Studies Program. Approval is normally given only to students who have reached third-year level in their course for a study program which follows up some aspect of a subject already studied with a member of staff ready to support the proposed reading subject and to supervise and assess the work done in it. After consultation with the appropriate member of staff,

students wishing to take this option should submit details of their proposed course, including a bibliography, and details of assessment to the Director.

### Romance languages

A major in Romance languages is available for students wishing to undertake specialised study in Italian, Spanish, Portuguese or Catalan. Students who enrolled prior to 1997 may take specialised study in French as part of this major.

#### Programs of study

Students who wish to qualify for a degree by taking a major in Romance languages must complete a sequence of 110 credit points in each of the two major language disciplines (Italian and Spanish) at least 40 credit points in linguistics and a further 20 credit points at third year level from the subjects listed below.

#### Important notice

Not all of the subjects listed below will be available every year, see the subject descriptions for availability and semester of offer.

#### Second year subjects 20 credit points

Italian 2 LIMA: love in the Middle Ages

#### Second or third year subjects 20 credit points

European Studies 2 CEW/3 CEW: 20th century European women writers  
European Studies 2 IRL/3 IRL: introduction to Romance linguistics  
European Studies 2 RJBS/3 RJBS: Romeo and Juliet before Shakespeare  
Italian 2 FR/3 FR: from Fascism to the 'second republic'  
Italian 2 MED/3 MED: medieval Italy  
Italian 2 R/3 R: Renaissance Italy  
Italian 2 UF/3 UF: from unification to Fascism  
Linguistics 2 BL/3 BL: bilingualism and second language acquisition  
Linguistics 2 HL/3 HL: historical linguistics  
Linguistics 2 PL/3 PL: phonology  
Linguistics 2 PT/3 PT: phonetics  
Linguistics 2 SE/3 SE: semantics  
Linguistics 2 SY/3 SY: syntax  
Portuguese 2 PA-1/3 PA-1: advanced Portuguese 1  
Portuguese 2 PA-2/3 PA-2: advanced Portuguese 2  
Spanish 2 LI/3 LI: Spanish linguistics  
Spanish 2 SC/3 SC: Spanish context

#### Summer vacation

Spanish 2 SAP/3 SAP: Spanish study abroad program

#### Third year subjects 20 credit points

Italian 3 BB: early Italian novella from Boccaccio to Bandello  
Italian 3 DL: decadent literature  
Italian 3 EIT: early Italian theatre  
Italian 3 IAL: migrant literature: the Italo-Australian experience  
Italian 3 SN: the Italian novella from the sixteenth to the nineteenth century

#### Third or fourth year subjects 20 credit points

European Studies 3 TL/4 TL: literature and translation  
Spanish 3 CW/4 CW: Spanish women writers

### Sanskrit

Sanskrit, the language of classical Indian civilisation and religions, is taught by staff of the Department of Asian Studies and is available as a major. In Sanskrit 1-1, 1-2 and 1-3, the emphasis is on the rapid acquisition of vocabulary and an appreciation of grammatical structures through exposure to straightforward textual material. On completion of the subject, students should be capable of reading Sanskrit with the aid of a dictionary.

Sanskrit 2-1 and 2-2 build upon foundations laid in Sanskrit 1-1 and 1-2. Here the emphasis is on reading a wide range of literature relating to philosophy, religion, mythology, aesthetics and social and moral values.

Sanskrit 3-1 and 3-2 involve the reading of more advanced Sanskrit texts than those read in previous years and introduces students to composition in Sanskrit.

These subjects should be of interest to students of linguistics, philosophy and religious studies.

#### Programs of study

To qualify for a degree with a major in Sanskrit, students must complete 125 credit points of Sanskrit 1, Sanskrit 2 and Sanskrit 3 and at least 40 credit points at third year level from the subjects listed below.

#### First year subjects 15 credit points

##### Sem.

- 1 Sanskrit 1-1
- 2 Asian Studies 1 ASR: Asian religions
- 2 Sanskrit 1-2
- 2 Sanskrit 1-3

#### Second year subjects 20 credit points

- 1 Sanskrit 2-1
- 2 Sanskrit 2-2

#### Second or third year subjects 20 credit points

- 1 Linguistics 2 CC/3 CC: crosscultural communication
- 2 Asian Studies 2 B/3 B: introduction to Buddhism
- 2 Asian Studies 2 EM/3 EM: eastern meditational traditions<sup>1</sup>
- 2 Asian Studies 2 LEAT/3 LEAT: love and eroticism in Asian literature
- 2 Linguistics 2 LSA/3 LSA: language in society (Asia)

#### Third year subjects 20 credit points

- 1 Sanskrit 3-1
- 2 Sanskrit 3-2

Key: <sup>1</sup> Not available in 2000.

#### Subject descriptions

The subjects described below are presented in alphabetical order within year level. For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*.

#### SANSKRIT 1-1 (15 CPs. Sem. I. Bu.) SK11 Dr Greg Bailey

Students are given an introduction to the Sanskrit language sufficient to be able to read simple texts. Although the primary concentration is on the acquisition of the language, some emphasis is placed on interpreting the contents of the texts studied. No prior knowledge of the language is assumed. Sanskrit 1-1 is offered subject to funding. *Class requirements:* one 2-hour and one 1-hour tutorial per week. *Assessment:* one 500-word grammatical and translation test (30%), and two 1,500-word grammatical and translation tests (35% each)

#### Prescribed reading:

Goldman, R. P. and Sutherland, S. *Devavanipravesika: introduction to the Sanskrit language*, Berkeley 1980.

#### SANSKRIT 1-2 (15 CPs. Sem. II. Bu.) SK12 Dr Greg Bailey

This continues the introduction to the Sanskrit language for students wishing to gain sufficient knowledge to read simple texts. Its primary focus is on continued acquisition of grammar and on translation into and out of Sanskrit.

*Prerequisite:* SK11.

*Class requirements:* one 2-hour and one 1-hour tutorial per week.

*Assessment:* one 500-word grammatical and translation test (30%), and two 1,500-word grammatical and translation tests (35% each).

#### Prescribed reading:

Goldman, R. P. and Sutherland, S. *Devavanipravesika: introduction to the Sanskrit language*, Berkeley, 1980.

#### SANSKRIT 1-3 (15 CPs. Sem. II. Bu.) SK13 Dr Greg Bailey

This subject continues the introduction to the Sanskrit language for students wishing to gain sufficient knowledge to read simple texts. The primary focus is on the reading and analysis of simple Sanskrit texts complementing the teaching of Sanskrit 1-2.

*Prerequisite:* SK11.

*Co-requisite:* SK12.

*Class requirements:* one 2-hour tutorial per week.

*Assessment:* two 1,500-word translation tests (50% each).

#### Prescribed reading:

Goldman, R. P. and Sutherland, S. *Devavanipravesika: introduction to the Sanskrit language*, Berkeley 1980.

M. Monier-Williams, *A Sanskrit-English dictionary*, any edn.

#### SANSKRIT 2-1 (20 CPs. Sem. I. Bu.) SK21 Dr Greg Bailey

This subject allows students who have completed Sanskrit 1-1 and 1-2 to continue working on texts composed in the Sanskrit language. Emphasis is centred on reading and analysis of texts, which vary from semester to semester as a result of consultations between lecturer and students. Students who take this subject not only gain further command of the Sanskrit language, but also gain a much better grasp of specific aspects of Indian religions and philosophies than they can by working on texts in translation.

*Prerequisite:* SK12 and SK13 or coordinators approval.

*Class requirements:* two 2-hour tutorials per week.

*Assessment:* two 2,500-word translation tests (50% each).

#### Prescribed reading:

MacDonnell, A. *Sanskrit grammar for students*, 3rd edn, OUP 1982.

#### SANSKRIT 2-2 (20 CPs. Sem. II. Bu.) SK22 Dr Greg Bailey

This continuation subject allows students who have completed Sanskrit 2-1 to continue working on texts composed in the Sanskrit language. Emphasis is centred on reading and analysis of texts, which vary from semester to semester as a result of consultations between lecturer and students. Students who take this subject not

only gain further command of the Sanskrit language, but also gain a much better grasp of specific aspects of Indian religions and philosophies than they can by working on texts in translation.

**Prerequisite:** Sanskrit 2-1.

**Class requirements:** two 2-hour tutorials per week.

**Assessment:** two 2,500-word translation tests (50% each).

**Prescribed reading:**

MacDonnell, A. *Sanskrit grammar for students*, 3rd edn, OUP 1982.

**SANSKRIT 3-1 (20 CPs. Sem. I. Bu.) SK31 Dr Greg Bailey**

This subject deals with advanced Sanskrit language and literature and is designed for those who have completed two years of Sanskrit and wish to undertake further work in ancient Indian culture and religion. It builds on advances in grammar and vocabulary made in Sanskrit 2-1 and 2-2. Texts to be read vary from year to year, but they are normally literary or religious texts. There is some translation from English to Sanskrit.

**Prerequisite:** SK22.

**Class requirements:** two 2-hour tutorials per week.

**Assessment:** two 2,500-word translation tests (50% each).

**Prescribed reading:**

Monier-Williams, M. A *Sanskrit-English dictionary*, OUP 1969.

**SANSKRIT 3-2 (20 CPs. Sem. II. Bu.) SK32 Dr Greg Bailey**

This continuation subject deals with advanced Sanskrit language and literature and is designed for those who have completed two years of Sanskrit and wish to undertake further work in ancient Indian culture and religion. It builds on advances in grammar and vocabulary made in Sanskrit 3-1. Texts to be read vary from year to year, but they are normally literary or religious texts. There is some translation from English to Sanskrit.

**Prerequisite:** Sanskrit 3-1.

**Class requirements:** two 2-hour tutorials per week.

**Assessment:** two 2,500-word translation tests (50% each).

**Prescribed reading:**

Monier-Williams, M. A *Sanskrit-English dictionary*, OUP 1969.

**Sociology**

Sociology is concerned with the study of social life – the structural arrangements and cultural patterns which shape group behaviour at every level of social action, whether local, national or global. Sociologists work from a variety of theoretical perspectives and adopt a variety of methodological approaches. The subjects offered in the Department reflect this diversity and provide students a wide range of choice. However, the program is structured to provide students specialising in sociology with an understanding of core concepts and basic research methods.

A fourth year honours year is available. The Department offers a postgraduate degree by research and a Graduate Diploma in Social Research Methods which focuses on social survey and other research techniques.

**Programs of study**

In the first year of study, students are introduced to basic concepts in a range of topic areas and social processes. In second year students can select from a broad range of subjects covering topics such as gender, family, social policy, health and medicine, new religious movements, deviance, multiculturalism, social movements, culture, everyday life, community studies, social theory, and many others.

A major in sociology consists of 150 credit points of sociology subjects or cross listed subjects designated as being equivalent to sociology subjects. A major will consist of at least 30 credit points of sociology (or equivalent) at first year and at least 80 credit points of sociology (or equivalent) at third year level.

Students taking 150 or more credit points in sociology, or wishing to proceed to honours, must complete at least 20 credit points of subjects classified as research methods and at least 20 credit points of subjects classified as social theory.

Students who wish to satisfy the degree requirements by taking two sequences, at least one of which is in sociology, are required to take 110 credit points of sociology including at least 40 credit points at third year level.

Students who have successfully completed a 'core' subject in sociology prior to 1995 will be deemed to have completed the equivalent of 20 credit points in social theory.

Students who wish to proceed to honours must have successfully completed at least 150 credit points in sociology.

Students who wish to pursue an interest in policy studies may consider the following second and third year subjects in developing a policy focus for their degree:

Anthropology 2 ABS/3 ABS: Aborigines and the state  
Anthropology 2 TD/3 TD: development, culture and society  
Sociology 2 DBA/3 DBA: sociological theories of deviance  
Sociology 2 DCS/3 DCS: deviance, criminality and social control  
Sociology 2 FC/3 FC: families and change  
Sociology 2 HM/3 HM: sociology of health and medicine  
Sociology 2 SPF/3 SPF: contesting social policy: the feminist challenge  
Sociology 2 SWP/3 SWP: social policy, welfare and the state

All subjects are offered subject to the availability of appropriate staffing and minimum enrolments.

**First year subjects**

**15 credit points**

**Sem.**

- 1 Anthropology 1 AJ: introduction to anthropology<sup>5</sup>
- 1 Asian Studies 1 ITA-B: introduction to Asia B: politics, society and culture
- 1 Introduction to sociology A<sup>3</sup>
- 1 Sociology 1 SE: introduction to sociology: self and community<sup>5</sup>
- 2 Anthropology 1 AG: introduction to anthropology<sup>5</sup>
- 2 Asian Studies 1 ITA-A: introduction to Asia A: politics, society and culture
- 2 Introduction to sociology B<sup>3</sup>
- 2 Sociology 1 SL: introduction to sociology: Australia and beyond<sup>5</sup>

**Second or third year subjects**

**20 credit points**

**Research methods subjects**

- 1 Sociology 2 MCS/3 MCS: interviewing
- 1 Sociology 2 MQB/3 MQB: introduction to qualitative research methods
- 1 Sociology 2 MTB/3 MTB: quantitative methods in social research
- 2 Anthropology 2 MQA/3 MQA: introduction to ethnographic research
- 2 Sociology 2 MDS/3 MDS: unobtrusive research methods
- 2 Sociology 2 MSR/3 MSR: introduction to social research methods

**Other subjects**

**20 credit points**

- 1 Fieldwork and ethnography<sup>3</sup>
- 1 Politics 2 LC/3 LC: liberalism and its critics
- 1 Politics 2 PE/3 PE: politics and the economy
- 1 Politics 2 UC/3 UC: cultural politics in the United States
- 1 Politics 2 WP/3 WP: theories of world politics
- 1 Reading unit in social theory<sup>3</sup>
- 1 Sociology 2 CL/3 CL: social change in Latin America<sup>4</sup>
- 1 Sociology 2 CM/3 CM: community studies
- 1 Sociology 2 DCS/3 DCS: deviance, criminality and social control
- 1 Sociology 2 DD/3 DD: disintegration and dread in modern society<sup>2</sup>
- 1 Sociology 2 FC/3 FC: families and change
- 1 Sociology 2 GW/3 GW: sociology of gender and work
- 1 Sociology 2 HM/3 HM: sociology of health and medicine
- 1 Sociology 2 JP/3 JP: Japanese society and culture
- 1 Sociology 2 PS/3 PS: personality and society
- 1 Sociology 2 SIA/3 SIA: social inequality: Australia and beyond<sup>4</sup>
- 1 Sociology 2 SM/3 SM: sociology of marriage
- 1 Sociology 2 SMV/3 SMV: social movements
- 1 Sociology 2 SWP/3 SWP: social policy, welfare and the state
- 1 Sociology 2 WT/3 WT: work, society and technological change<sup>4</sup>
- 1 Sociology 3 FRA: free reading
- 1 Sociology of health and illness<sup>3</sup>
- 1 Sociology of the environment<sup>3</sup>
- 2 Rural sociology<sup>3,4</sup>
- 2 Class and inequality<sup>3,4</sup>
- 2 Politics 2 PC/3 PC: peace and change
- 2 Politics 2 PM/3 PM: politics and media
- 2 Quantitative methods<sup>3</sup>
- 2 Sociology 2 BM/3 BM: back to the modern<sup>2</sup>
- 2 Sociology 2 CPR/3 CPR: cultural production, consumption and representation<sup>4</sup>
- 2 Sociology 2 CU/3 CU: community and utopia in modernity<sup>2</sup>
- 2 Sociology 2 DBA/3 DBA: sociological theories of deviance<sup>2</sup>
- 2 Sociology 2 EI/3 EI: ethnicity and identity: social and political approaches<sup>1</sup>
- 2 Sociology 2 EL/3 EL: sociology and everyday life
- 2 Sociology 2 GSB/3 GSB: contemporary debates on gender and sexuality
- 2 Sociology 2 LSM/3 LSM: political sociology, labour, state and modernity<sup>1</sup>
- 2 Sociology 2 NRM/3 NRM: new religious movements
- 2 Sociology 2 PP/3 PP: personality and politics
- 2 Sociology 2 SD/3 SD: sociology of divorce<sup>4</sup>
- 2 Sociology 2 SPF/3 SPF: contesting social policy: the feminist challenge
- 2 Sociology 2 TCA/3 TCA: sociology of culture<sup>2</sup>
- 2 Sociology 2 TCS/3 TCS: culture, society and theory<sup>2</sup>
- 2 Sociology 3 FRB: free reading

- 2 Sociology of emotions <sup>3</sup>
- 2 Sociology of natural resources <sup>3</sup>
- 2 Sociology of work <sup>3</sup>

Key: <sup>1</sup> New subject, <sup>2</sup> Theory subject, <sup>3</sup> Albury/Wodonga subject, <sup>4</sup> Not available in 2000, <sup>5</sup> New subject code.

### Subject descriptions

The sociology subject descriptions are presented within the following groupings:

- First year subjects
- Research methods subjects: second and third years
- Other subjects: second and third years
- Honours program subject

### First year subjects

**ANTHROPOLOGY 1 AG: introduction to anthropology (15 CPs. Sem. II. Bu.) A1AG** Dr Alberto Gomes  
This subject qualifies as a first year sociology subject.  
See *Anthropology* entry.

**ANTHROPOLOGY 1 AJ: introduction to anthropology (15 CPs. Sem. I. Bu.) A1AJ** Dr John Morton  
This subject qualifies as a first year sociology subject.  
See *Anthropology* entry.

**ASIAN STUDIES 1 ITA-A: introduction to Asia A: politics, society and culture (15 CPs. Sem. II. Bu., Aw.) AS1ITAA** Professor Robin Jeffrey and Professor John Fitzgerald  
This subject qualifies as a first year sociology subject.  
See *Asian Studies* entry.

**ASIAN STUDIES 1 ITA-B: introduction to Asia B: politics, society and culture (15 CPs. Sem. I. Bu., Aw.) AS1ITAB** Professor Yoshio Sugimoto and Dr Angus McIntyre  
This subject qualifies as a first year sociology subject.  
See *Asian Studies* entry.

**INTRODUCTION TO SOCIOLOGY A (15 CPs. Sem. I. Aw.) WWS6125**  
Dr Wendy Walker-Birckhead  
In this subject students are introduced to the 'sociological imagination' as a way of analysing and understanding the world with which they are familiar. The course covers basic sociological concepts and methods and focuses on one of the major areas of sociological concern, social inequality. The subject reviews sociological explanations for its persistence and examines different dimensions of inequality (class, gender, race, ethnicity and age). Institutions examined include the family, education and the news media.  
*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.  
*Assessment:* one 1,000-word book review (20%), one 1,500-word essay (30%), one 1-hour examination (30%), one 500-word discussion paper (10%), and tutorial participation (10%).

### Prescribed reading:

Bessant, J. and Watts, R. *Sociology Australia*, Allen & Unwin 1999.

**INTRODUCTION TO SOCIOLOGY B (15 CPs. Sem. II. Aw.) WWS6126**  
Dr Wendy Walker-Birckhead

This subject follows on from Introduction to Sociology A and develops basic sociological concepts and methods with particular reference to work, leisure and the state. Students examine how class, gender, ethnicity, race and age operate as dimensions of social inequality in Australian society. The interconnectedness of economic and political orders within Australian society is emphasised. Students compare how major sociological theories explain social inequality.  
*Prerequisite:* Introduction to Sociology A.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.  
*Assessment:* one 1,000-word tutorial paper (20%), one 2,500-word major essay (40%), one 2-hour examination (30%), and tutorial participation (10%).

### Prescribed reading:

Bessant, J. and Watts, R. *Sociology Australia*, Allen & Unwin 1999.

**SOCIOLOGY 1 SE: introduction to sociology: self and community (15 CPs. Sem. I. Bu.) S1SE** Dr Evan Willis

This subject provides an introduction to the study of contemporary society, how and why we live the way we do in the world today. The subject consists of three modules. In the first module the distinctiveness of a sociological way of viewing the world is introduced. The social 'self' and community are the focus of the second and third modules. The development and shaping of an individual's sense of self and identity is examined in the context of formative influences such as the family, gender, and ethnicity. This is followed by an examination of the different experiences and explanations of

community, particularly household and suburban life, work, ethnic and alternative communities. Students completing Sociology 1SE are strongly advised to also take Sociology 1SL.

*Incompatible subject:* S1S taught prior to 1999 and S1S-1 in 1999.

*Quota:* 400. Places to be allocated over enrolment period.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one study skills exercise (20%), one 2,000-word research exercise (40%), one 1.5-hour examination (30%), and tutorial participation (10%).

### Preliminary reading:

Willis, E. *The sociological quest*, 3rd edn, Allen & Unwin 1999.

### Prescribed reading:

Kellehear, A (ed.) *Social self, global culture*, OUP 1996.

**SOCIOLOGY 1 SL: introduction to sociology: Australia and beyond (15 CPs. Sem. II. Bu.) S1SL** Dr Beryl Langer

This subject introduces students to the sociology of contemporary society. We are all members of one or another kind of community. We are also citizens of nation-states subject to global forces. What exactly are nations and states? How do they work? How did they arise? How are they changing? What are we to make of the way the larger global context impacts upon us? What, for example, connects traditional notions of community to talk of virtual communities on the world wide web? How can sociology help us to answer questions such as this? How might classical debates within the discipline still have relevance today?

*Incompatible subject:* S1S taught prior to 1999 and S1S-2 in 1999.

*Quota:* 400. Places to be allocated over enrolment period.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one 1,500-word essay (40%), one 1,000-word assignment (30%), and one 1.5-hour examination (30%).

### Recommended reading:

Du Guy, P. et al. *Doing cultural studies: the story of the Sony Walkman*, Sage 1997.

Kellehear, A. (ed.) *Social self, global culture*, OUP 1996.

### Research methods subjects: second and third year

**SOCIOLOGY 2 MCS: interviewing (20 CPs. Sem. I. Bu.) S2MCS** Dr Richard Trahair

Students will evaluate the role of interviewing in the professional, scientific study of social interaction: the psycho-social dynamics of the relationship between interviewers and respondents; the unique ethical, social and technical demands of the interview; the basic skills used to elicit valid, reliable information and evidence for the construction and testing of social theories. Because students complete practical studies in interviewing for social research, time is set aside for work outside normal class hours. Students work in small groups.  
*Prerequisite:* 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

*Class requirements:* one 1-hour lecture and one 2-hour seminar per week.  
*Assessment:* one 2-hour sighted examination (50%), and one 3,000-word research project (50%).

### Prescribed reading:

Foddy, W. *Constructing questions for interviews and questionnaires: theory and practice in social research*, Cambridge UP 1993.

Keats, D. M. *Skilled interviewing*, ACER 2nd edn 1993.

Payne, S. L. *The art of asking questions*, Princeton UP 1980 edn.

**SOCIOLOGY 2 MDS: unobtrusive methods (20 CPs. Sem. II. Bu.) S2MDS** Dr Rosemary Wearing and Dr Evan Willis

This subject is an introduction to unobtrusive methods of social research. These are methods which do not involve surveys or research. Topics include: research design, principles of pattern recognition (content analysis, thematic analysis and semiotics) investigation employing written materials (for example, newspapers, diaries and other existing records) and audio-visual materials (for example, film, photographs and music) techniques for observation of social behaviour; and, finally, the study of material culture (physical settings and objects).

*Prerequisite:* 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
*Class requirements:* one 2-hour practicum or lecture and one 1-hour tutorial per week.

*Assessment:* one 1,000-word research proposal (15%), one 2,500-word research report (50%), one oral tutorial presentation (10%), one class test (15%), and class participation (10%).

### Prescribed reading:

Kellehear, A. *The unobtrusive researcher: a guide to methods*, Allen & Unwin 1993.

**SOCIOLOGY 2 MQB: introduction to qualitative research methods**

(20 CPs. Sem. I. Bu.) **S2MQB** Dr Rosemary Wearing

A key difference between qualitative and quantitative research is that quantitative research focuses on a few variables and many cases, while qualitative research relies on a few cases and many variables. In this subject students examine five traditions most frequently used by sociologists in qualitative research: biography, phenomenology, grounded theory, ethnography and case study. Students learn how to apply these approaches to all stages of research: design, data collection, analysis and report writing. Students apply these methods to Australian cultures, settings and behaviours.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 2-hour workshop and one 1-hour tutorial per week.

**Assessment:** one 1,000-word assignment (15%), one 2,000-word assignment (30%), one tutorial presentation (15%), and one 2-hour open book examination (45%).

**Prescribed reading:**

Creswell, J. W. *Qualitative inquiry and research design*, Sage 1998

**SOCIOLOGY 2 MSR: introduction to social research methods** (20 CPs. Sem. II. Bu.) **S2MSR** Dr John Goldlust

The aim of this subject is to introduce students to a range of current methods of social inquiry. These include both quantitative and qualitative research methods such as surveys, interviews, observation, content analysis, the analysis of historical and policy documents and records and other unobtrusive methods. The objective is for students to become familiar with these techniques and to gain some understanding of when best to employ particular strategies while being aware of strengths and weaknesses of each approach. Practical exercises are introduced that require students to select research topics and to develop a methodology appropriate to their research questions.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 2-hour lecture and one 1-hour workshop per week.

**Assessment:** one 2-hour written examination (50%), written exercises and assignments throughout to a total of 3,000-words (50%), Regular attendance at classes and submission of all written work is a requirement of the subject, without which a pass cannot be awarded.

**SOCIOLOGY 2 MTB: quantitative methods in social research** (20 CPs. Sem. I. Bu.) **S2MTB**

This is a practical introduction to the use and interpretation of elementary quantitative methods in social research. As such it provides students with basic skills required to analyse quantitative data and be critical consumers of such research. Students develop skills in key aspects of data analysis, such as univariate analysis, graphical displays, cross-tabulation, measures of association, correlations, group comparisons, inferential statistics and control variables. Students gain valuable experience in basic research design, data preparation, applied statistical analysis, interpretation of results and report writing, together with practical experience in the use of SPSS software on a desktop computer. No prior knowledge of statistics, data analysis or computers is required.

**Incompatible subject:** S2MGT/S3MGT.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** two assignments (50% each).

**Prescribed reading:**

de Vaus, D. A. *Surveys in social research*, 4th edn, Allen & Unwin 1995.

**SOCIOLOGY 3 MCS: interviewing** (20 CPs. Sem. I. Bu.) **S3MCS** Dr Richard Trahair

See S2MCS for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 MDS: unobtrusive methods** (20 CPs. Sem. II. Bu.)

**S3MDS** Dr Rosemary Wearing and Dr Evan Willis

See S2MDS for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 MQB: introduction to qualitative research methods** (20 CPs. Sem. I. Bu.) **S3MQB** Dr Rosemary Wearing

See S2MQB for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 MSR: introduction to social research methods** (20

CPs. Sem. II. Bu.) **S3MSR** Dr John Goldlust

See S2MSR for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 MTB: quantitative methods in social research** (20 CPs. Sem. I. Bu.) **S3MTB**

See S2MTB for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**Other subjects: second and third year**

**CLASS AND INEQUALITY** (20 CPs. Sem. II. Aw.) **W2SCI** Dr

Mohammad Siahpush

Not available 2000.

**FIELDWORK AND ETHNOGRAPHY** (20 CPs. Sem. I. Aw.) **W2FAE** Dr Wendy Walker-Birckhead

Fieldwork involves observing and participating directly in social situations as a means of answering questions about people's way of life. It can be applied alone or in conjunction with other methods to a wide variety of research questions. Through classroom discussions, ethnographic reading and direct fieldwork experience, students are introduced to the pragmatics and ethics of doing fieldwork. Topics include developing a research question, participant-observation as a method, informal interviewing, writing up field notes and ethnographic writing.

**Prerequisite:** Introduction to Sociology A and B.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,000-word research proposal (20%), one 1,000-word discussion paper (20%), one 3,000-word ethnographic research report (50%), and attendance and participation (10%).

**Prescribed reading:**

Agar, M., *The professional stranger* 2nd edn, Academic Press Cal. 1996.

**QUANTITATIVE METHODS** (20 CPs. Sem. II. Aw.) **W2QAM1** Dr

Mohammad Siahpush

The aim of this subject is to provide students with a basic introduction to the application and interpretation of statistical analysis in the social sciences. By the end of the semester, students will be familiar with a variety of basic statistical techniques useful for answering research questions. The emphasis is more on interpretation of results than computation of statistics. Therefore, students are not required to have a strong mathematics background. Both descriptive and inferential statistics are covered. The former includes topics such as frequency distributions and measures of central tendency and variability. The latter includes topics such as hypothesis testing, analysis of variance and regression analysis. Using the Statistical Package for Social Sciences (SPSS) as a data analysis tool will be an integral part of our work in this subject.

**Prerequisite:** Introduction to Sociology A and B.

**Class requirements:** one 2-hour lecture, one 1-hour tutorial and one 1-hour workshop.

**Assessment:** one 500-word assignment (15%), one 1,000-word assignment (20%), one 2,500-word assignment (30%), one 1-hour examination (25%), and participation (10%).

**Prescribed reading:**

Gravetter, F. J. and Wallnau, L. B. *Statistics for the behavioural sciences*, West Publishing Co 1996.

Francis, G. *Introduction to SPSS for Windows*, Prentice Hall 1996.

**RURAL SOCIOLOGY** (20 CPs. Sem. II. Aw.) **W2RS** Mr Brian Furze

Not available in 2000.

**SOCIOLOGY 2 BM: back to the modern** (20 CPs. Sem. II. Bu.) **S2BM** Professor Johann Arnason

In this subject, the debate between modernisation theory and its critics is analysed from various angles. The discussion begins with some recent controversies which have cast doubt on the very idea of modernity; here the main focus is on the notions of globalisation and a 'global age'. After a survey of these debates, the classical version of modernisation theory, exemplified by the work of Talcott Parsons, is then examined and confronted with attempts to rethink its assumptions and conclusions within the horizon of modernity. Among recent contributions, particular attention is paid to the idea of reflexive modernisation, put forward by Anthony Giddens and Ulrich Beck.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or politics, or Asian Studies ITA-A or ITA-B, or philosophy.



**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** two 2,500-word essays (50% each).

**Prescribed reading:**

Albrow, M. *The global age*, Polity 1996.  
 Beck, U., Giddens, A. and Lash, S. *Reflexive modernisation*, Polity Press 1995.  
 Giddens, A. *The consequences of modernity*, Polity 1990.  
 Wagner, P. A *sociology of modernity: liberty and discipline*, Routledge 1994.

**SOCIOLOGY 2 CL: social change in Latin America (20 CPs. Sem. I. Bu.) S2CL** Dr Rowan Ireland  
 Not available in 2000.

**SOCIOLOGY 2 CM: community studies (20 CPs. Sem. I. Bu.) S2CM**  
 Dr Ken Dempsey

This subject focuses on personal networks, gender relations, social inequality, belonging and the practice of social closure in small communities. There is an examination of the occurrence of segregation, subordination and exclusion in the relationships between men and women and the working and middle classes in friendship relationships, voluntary organisational activity, leisure and paid employment. An opportunity will also be given to students to examine the character of their own personal networks. Among the questions addressed are: To what extent do the personal networks of young people provide them with a sense of belonging and key economic and emotional resources. Do personal friendships cross the divide between the middle and working classes or between men and women?  
**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 3-hour lecture or workshop per week.  
**Assessment:** one 2,500-word essay or research report (45%), one sighted 2-hour test (40%), and short-answer workshop assignments (15%). Regular attendance at classes and submission of all written work is a requirement of the subject, without which a pass cannot be awarded.

**Preliminary reading:**

Dempsey, K. *Smalltown: a study of class, cohesion and belonging*, OUP 1990.

**Prescribed reading:**

Crow, G. and Allan, G. *Community life: an introduction to local social relations*, Harvester 1994.  
 Dempsey, K. *A man's town: inequality between women and men in rural Australia*, OUP 1992.

**SOCIOLOGY 2 CPR: cultural production, consumption and representation (20 CPs. Sem. II. Bu.) S2CPR** Dr Beryl Langer  
 Not available in 2000.

**SOCIOLOGY 2 CU: community and utopia in modernity (20 CPs. Sem. II. Bu.) S2CU** Dr Trevor Hogan

'There is no such thing as society' (Thatcher) Yet, 'community' as an emblem of society is a key unit idea of sociology, an ideal of modern social movements and an everyday practice. With the rise of the market, fall of communism, loss of faith in the state and the family, the search for 'the social' has commenced afresh. In this subject students embark on a tour of intentional communities, local and global, focusing on their particular social imaginations and practices vis-a-vis ritual, technology, art, sexuality, family and work. We link them to the utopia/dystopia genre in books and films and the broader theoretical problems they pose for understanding modernity as a whole.  
**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 3-hour lecture or seminar per week.  
**Assessment:** one 2,000-word review (35%), one 3,000-word essay (50%), and tutorial participation (15%).

**Preliminary reading:**

Hall, J. *The ways out*, ch 1, Routledge & Kegan Paul 1978.  
 Kumar, K. *Utopianism*, Open University Press 1991.

**Recommended reading:**

Beilharz, P. *Labour's utopias*, Routledge 1992.  
 Kumar, K. *Utopia and anti-utopia in modern times*, Blackwell 1987.  
 Metcalf, B. *From utopian dreaming to communal reality: co-operative lifestyles in Australia*, University of New South Wales Press 1995.  
 Trahair, R. C. S. *Utopias and utopians*, Greenwood 1999.

**SOCIOLOGY 2 DBA: sociological theories of deviance (20 CPs. Sem. II. Bu.) S2DBA** Ms Katy Richmond

This subject discusses sociological theory in the context of some traditional areas of deviance including suicide, delinquency, theft,

murder, prostitution, drugs and mental illness and some aspects of social control, including prisons and the police. The classical sociologists Durkheim, Merton, Parsons had ideas about deviance and their ideas generated what we know now as functionalist theory and anomie theory. In addition to these classical sociologists this subject examines labelling theory which derives from Mead, some Marxist and feminist approaches to deviance and Foucault's discussions of sexuality and penology.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Politics, or Asian Studies ITA-A or ITA-B, or legal studies, or subject coordinator's approval.

**Incompatible subject:** S2DB/S3DB.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** three 600-word exercises (15% each) one 3-hour examination (40%), and class attendance and participation (15%).

**Recommended reading:**

Anleu, S. L. R. *Deviance conformity and control*, 2nd edn, Longman Cheshire 1995.  
 White, R. and Haines, F. *Crime and criminology: an introduction*, OUP 1996.

**SOCIOLOGY 2 DCS: deviance, criminality and social control (20 CPs. Sem. I. Bu.) S2DCS** Dr Rosemary Wearing

In this subject students examine selected social problems with our perspective coming from deviance and criminality (we will explore the relationship between these two concepts) We study the impact of the relationship between people and such issues and institutions as the law, prisons, police culture, family violence, sexual crimes, drugs, the news media, the world of rock music, etc. In so doing, we study the relationship between deviance/crime and social control agencies/policies. Theoretical and empirical studies and debates inform our analysis.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or legal studies or subject coordinator's approval.

**Incompatible subject:** S2DB/S3DB.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** two 1,000-word essays (15% each) and one 3,000-word research essay (70%).

**SOCIOLOGY 2 DD: disintegration and dread in modern society (20 CPs. Sem. I. Bu.) S2DD** Dr John Carroll

Modern Western society has great achievements to its credit, above all the economic triumph over grinding poverty, brute labour and disease and the provision for the individual of levels of personal freedom previously unknown in human history. However, there has been a price. There are many signs that the ties that bind people to their communities have loosened. At the social level, there has risen a threat of disintegration. At the individual level, there have appeared new symptoms of discontent, among them restlessness, neurosis, rootless anxiety and weak desire. Major sociological views of the weaknesses of modern society and especially notions of repression, guilt, disenchantment, alienation and anomie, are examined in this subject. The subject aims to lead students to understand how it is that modern life, as described by many of the most insightful observers in Western literature, art and philosophy, has come to be experienced as a sort of living death, a bleak and flat social landscape populated by aimless and depressed individuals.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture or seminar per week.  
**Assessment:** one 1,500-word essay (30%), and one 3,500-word essay (70%).

**Preliminary reading:**

Beckett, S. *Waiting for Godot*, any edn.  
 Camus, A. *The stranger*, any edn.  
 Dostoevsky, F. *The possessed*, any edn.  
 Freud, S. *Civilization and its discontents*, any edn.

**Prescribed reading:**

Durkheim, E. *Suicide*, any edn.  
 Kierkegaard, S. *Fear and trembling*, any edn.  
 Weber, M. *The Protestant ethic*, any edn.

**SOCIOLOGY 2 EI: ethnicity and identity: social and political approaches (20 CPs. Sem. II. Bu.) S2EI** Dr John Goldlust and Dr Sanjay Seth

In this subject we examine the social, political and ideological consequences of the emergence of multicultural societies. Immigration has transformed the world, and has certainly transformed Australia. The nineteenth and early twentieth century idea of the state



as composed of a homogeneous people with a common heritage has increasingly been challenged by the contemporary reality of an increasing number of plural multicultural societies. How and why has this happened? What social and political forces have driven these changes? What does it mean, today, to have an ethnicity, an identity, a religion or race? Can nations, or even individuals, have more than one identity? These and other questions are addressed with a focus on Australia, but also including comparisons with other countries.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Incompatible subject:** Sociology 2IME/3IME.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,000-word assignment (20%), one 2,000-word essay (40%), one 2-hour examination (30%), tutorial contribution (10%).

**Preliminary reading:**

Castles, S. et al (eds) *Immigration and Australia: myths and realities*, Allen and Unwin 1998.

**Recommended reading:**

Castles, S. and Miller, M. J. *The age of migration: international population movements in the modern world*, Macmillan 1993.

Stokes, G. (ed.) *The politics of identity in Australia*, Cambridge UP 1997.

**SOCIOLOGY 2 EL: sociology and everyday life (20 CPs. Sem. II. Bu.) S2EL Dr Beryl Langer**

The focus is on the rituals and practices through which people construct and are constructed by everyday life and on the ways in which taken-for-granted understandings and practices both maintain and subvert broader structures of power and control. Attention is given to the ways in which the experience of everyday life is shaped by gender, class and ethnicity and to the collaboration of social actors in the production of meaning in a rationalised and commodified social world.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** two 2,000-word essays (30% each) one take-home examination (30%), and tutorial participation (10%).

**Prescribed reading:**

Goffman, E. *The presentation of self in everyday life*, Penguin, any edn.  
Humphery, K. *Shelf life: supermarkets and the changing cultures of consumption*, Cambridge UP 1998.

Mackay, H. *Consumption and everyday life*, The Open University 1997.

Miller, T. and McHoul, A. *Popular culture and everyday life*, Sage 1998.

**SOCIOLOGY 2 FC: families and change (20 CPs. Sem. I. Bu.) S2FC Dr Kerreen Reiger**

In this subject changes in Australian families are examined in terms of historical patterns and different life stages. We explore family formation, including marriage and de facto relationships, having children and constructions of motherhood and fatherhood, including step-family relationships. Family research and policy on family breakdown, family caring, work and family and intergenerational relationships are studied taking into account the variety of family forms and the significance of differences in experiences according to gender, age, class and race/ethnicity. Students undertake a family research project of their own.

**Prerequisite:** 30 credit points of first year sociology or anthropology, politics or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1.5-hour seminar per week.

**Assessment:** one 2,000-word essay (40%), one 3,000-word research essay (50%), and class participation (10%).

**Prescribed reading:**

Gilding, M. *Australian families: a comparative perspective*, Longman 1996.

**Recommended reading:**

de Vaus, D. A. and Wolcott, I. (eds) *Australian family profiles: social and demographic patterns*, Australian Institute of Family Studies 1997.

Gilding, M. *The making and breaking of the Australian family*, Allen & Unwin 1991.

Hartley, R. (ed.) *Families and cultural diversity in Australia*, Allen & Unwin 1995.

**SOCIOLOGY 2 GSB: contemporary debates on gender and sexuality (20 CPs. Sem. II. Bu.) S2GSB Dr Kerreen Reiger**

This subject explores contemporary arguments about masculinity and femininity, nature and culture, mind and body and the psychological and the social in relation to everyday life. Historical debates

and political struggles are related to present-day ones, including controversies surrounding the family, motherhood and constructions of femininity, the men's movement and sexuality. We explore the ways in which social theory has been gendered, but often disembodied and lacking adequate historical context. We ask questions about democratic alternatives for future relationships between women and men. Along with theoretical writing, we consider discussions in the news media and popular representations of gender in contemporary society.

**Prerequisite:** 30 credit points of first year sociology or anthropology, politics or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour seminar per week.

**Assessment:** one 3,000-word essay (45%), one take-home examination (40%), and seminar participation (15%).

**Preliminary reading:**

Pritchard Hughes, K. (ed.) *Contemporary Australian feminism 2*, 2<sup>nd</sup> edn, Longman 1997.

**Recommended reading:**

Connell, R. W. *Masculinities*, Allen & Unwin 1995.

Young, I. M. *Throwing like a girl and other essays in feminist philosophy and social theory*, Indiana University Press 1990.

Wearing, B. *Gender: the pain and pleasure of difference*, Longman 1996.

**SOCIOLOGY 2 GW: sociology of gender and work (20 CPs. Sem. I. Bu.) S2GW Ms Katy Richmond**

*This subject is also available toward a major in Women's Studies.*

This subject places women's patterns of paid and unpaid work in the broader context of changing patterns of employment and family life. Central concerns include the consequences of work flexibilisation for women, occupational gender segregation, the social construction of skill, the exploitation of emotional labour and sexuality in the workplace, and the growing global trade in women sex and domestic workers.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or politics, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture or workshop per week.

**Assessment:** three 1,000-word essays (25% each) 10 journals of 300 words each (15%), and class attendance and participation (10%).

**Recommended reading:**

Edwards, A. and Magarey, S. (eds) *Women in a restructuring Australia: work and welfare*, Allen & Unwin 1995.

Pettman, J. *Living in the margins: racism, sexism and feminism in Australia*, Allen & Unwin 1992.

Pringle, R. *Sex and medicine: gender, power and authority in the medical profession*, Cambridge UP 1998.

**SOCIOLOGY 2 HM: sociology of health and medicine (20 CPs. Sem. I. Bu.) S2HM Dr Evan Willis**

The theme of this subject is that an understanding of the body must come from a recognition of its social, rather than simply its biological, existence. We analyse sociologically the traditional interest areas of medicine, sex, death, the body, control, birth, ageing and change. Broader sociological concerns such as gender, class and ethnic inequalities, health politics, public health, death and dying and medical technologies are also considered. Medicine and its critics are examined in the light of a discourse about the social and political contexts of ill health and medical practice.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Politics, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture or workshop per week.

**Assessment:** one 1,500-word research proposal (20%), one 2,500-word research report (40%), and one 1,000-word class test (40%).

**Preliminary reading:**

Germov, J. *Second opinion: an introduction to health sociology*, OUP 1998.

Willis, E. *Illness and social relations: issues in the sociology of health care*, Allen & Unwin 1994.

**SOCIOLOGY 2 JP: Japanese society and culture (20 CPs. Sem. I. Bu.) S2JP Professor Yoshio Sugimoto**

In this subject students are given a broad understanding of Japanese society and culture by focusing upon their internal variation.

Emphasis is placed upon various dimensions of social stratification based on occupation, gender, education, age and geographical location. The subject covers a wide range of topics, including gender relations, minority groups, popular culture, work and leisure, education, politics and social control. Issues in the comparative analysis of Japanese, Western and Asian modernities are examined.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or enrolment in an Asian studies major.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week. A special tutorial group for the students of the Japanese language will be organised.

**Assessment:** one 1,500-word book review (30%), one 3,000-word research essay (50%), and tutorial paper and participation (20%).

**Preliminary reading:**

Sugimoto, Y. *An introduction to Japanese society*, Cambridge UP 1997.

Sugimoto, Y. and Mouer, R. (eds) *Constructs for understanding Japan*, Kegan Paul International 1989.

**SOCIOLOGY 2 LSM: political sociology, labour, state and modernity (20 CPs. Sem. II. Bu.) S2LSM Professor Peter Beilharz**

In this subject students survey the history of political sociology, its theories and thinkers. Students cover interpretations from Marx to Weber, via Michels and Gramsci, through Touraine and Bauman, and chart comparative historical experience across Australia, America, and Europe. Students examine themes such as social movements, the new middle class, Laborism, Fabianism and social democracy, against the larger contexts of economy and civil society, nation and world-system, capitalism and socialism.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture and workshop per week.

**Assessment:** one 2,000-word assignment (40%), and one 3,000-word assignment (60%).

**Prescribed reading:**

Beilharz, P. *Labour's utopias*, Routledge 1992.

Beilharz, P. *Transforming Labor*, Cambridge UP 1994.

**SOCIOLOGY 2 NRM: new religious movements (20 CPs. Sem. II. Bu.) S2NRM Dr Rowan Ireland**

New religious movements (NRMs) popularly known as 'cults', attract attention because of bizarre events and alleged destructive practices. In this subject students test stereotypes constructed from such events and practices by investigating similarities and differences across the full range of NRMs. Theories linking the proliferation of NRMs to central processes in modern societies are explored. Questions addressed with case material include: Who is attracted to NRMs? What is involved in becoming a participant? What are the social and personal consequences of NRM participation? Theories and methods in the sociology of religion will be reviewed as these questions are addressed.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture or seminar per week.

**Assessment:** one 2,000-word essay (30%), one 3,000-word research report (60%), and tutorial participation (10%).

**Preliminary reading:**

Barker, E. *New religious movements: a practical introduction*, Her Majesty's Stationery Office 1989.

**SOCIOLOGY OF EMOTIONS (20 CPs. Sem. II. Aw.) W2SE Ms Pauline Savy**

Emotions accompany and colour an individual's personal experience of self and relationships with others. In this subject we will consider emotionality from macro and micro sociological perspectives. Our inquiry will proceed from questions about the relationship between personal subjectivity and its socio-cultural context. To what extent is individual emotional experience and its expression socially determined? How do we collectively define feelings and the conditions for their public and private expression? How personal is individual embodied emotional experience? These questions will be pursued through exploration of particular realms of emotional experience, from small-scale interactions to broader relationships between individuals, groups and society.

**Prerequisite:** 30 credit points from WWS 6125; WWS 6126.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,500-word essay (30%), one 3,000-word essay (50%), and one oral presentation (20%).

**Prescribed reading:**

Barbalet, J. M. *Emotion, social theory, and social structure*, CUP 1998.

Lupton, D. *The emotional self*, Sage 1998.

Goffman, E. *The presentation of self in everyday life*, Doubleday 1959.

Scheff, T. *Microsociology: discourse, emotion, and social structure*, University of Chicago Press 1990.

**SOCIOLOGY OF HEALTH AND ILLNESS (20 CPs. Sem. I. Aw.) W2SHI2**

This subject aims to familiarise students with the sociological analysis of issues related to health and illness. We argue that health and health behaviour can not be adequately explained by simply looking at individual level factors and biological predispositions and that there is a range of structural and social factors that are responsible for people's health. We examine issues at the macro level of analysis, such as the social distribution of health and the organisation of health care in Australia as well as at the micro level of analysis, such as doctor-patient interaction. We also pay special attention to the field of natural therapies as a fast growing sector of the Australian health care system and as providing an alternative paradigm to the conventional biomedical model of health and illness. An analysis of power and inequality based on such structural factors as class, gender and ethnicity permeates much of our discussion.

**Prerequisite:** Introduction to Sociology A and B.

**Class requirements:** one 1.5-hour lecture and one 1.5-hour tutorial.

**Assessment:** one 3,000-word research project (60%), two 1-hour examinations (20% each).

**Prescribed reading:**

Germov, J. *Second opinion: an introduction to health sociology*, OUP 1998.

Willis, E. *Illness and Social Relations*, Allen & Unwin 1994.

**SOCIOLOGY OF NATURAL RESOURCES (20 CPs. Sem. II. Aw.)**

**W2SNR Mr Brian Furze**

Students look at the concept of 'natural resources' and especially at their management as a mechanism for overcoming environmental degradation. They critically analyse the assumptions inherent in the concept and especially how nature is perceived and used. Students then use this framework to evaluate competing approaches to natural resources and their management in specific contexts, such as forestry, rural development, livestock and wildlife management. Finally, new models on management are considered, including the community approach.

**Prerequisite:** WWS6125, WWS6126.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,500-word tutorial paper (30%), one 2,500-word major assignment (50%), and one 1,000-word minor assignment (20%).

**Preliminary reading:**

Worster, D. *Nature's economy: a history of ecological ideas*, Cambridge UP 1994.

**Prescribed reading:**

Cernea, M (ed.) *Putting people first. Sociological variables in rural development*. 2nd edn, OUP 1991.

Furze, B., Delacy, T. and Birkhead, J. *Culture, conservation and biodiversity. The social dimensions of linking local level development and conservation through protected areas*. Wiley 1996.

**SOCIOLOGY OF THE ENVIRONMENT (20 CPs. Sem. I. Aw.) W2SOE1**

**Mr Brian Furze**

This subject aims to introduce students to the ways in which sociological knowledge can be used to understand contemporary environmental issues. In order to achieve this, the subject has a dual focus. Firstly, it develops theoretical and conceptual knowledge drawn from traditional and contemporary sociological theory to provide analytical frameworks. Secondly, through the analysis of environmental issues, the subject seeks to apply these frameworks to specific local, national and international contexts. In doing so, it aims to build upon existing environmental and/or sociological knowledge and its continuing relevance.

**Prerequisite:** Introduction to Sociology A and B.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,000-word minor assignment (30%), one 2,000-word major assignment (40%), and one 2-hour examination (30%).

**Preliminary reading:**

Yearley, S. *The green case: a sociology of environmental issues, arguments and politics*, Routledge 1992.

**Prescribed reading:**

Dickens, P. *Society and nature: towards a green social theory*, Harvester 1992.

Redclift, M. and Benton, T. eds, *Social theory and the global environment*, Routledge 1994.

**SOCIOLOGY OF WORK (20 CPs. Sem. II. Aw.) W2SOW Pauline Savy**

The aim of this subject is to familiarise students with social relations that characterise the process of production of goods and services. We also focus on how the changing nature of work affects individual workers. Topics discussed include managerial control and employee

resistance, alienation, unions, technological change and alternative work organisations.

**Prerequisite:** Introduction to Sociology A and B.

**Class requirements:** one 2-hour lecture and one 2-hour tutorial per week.

**Assessment:** one 1,500-word tutorial paper (30%), one 1,500-word final paper (35%), one presentation and 300 to 350-word summary (20%), and one 1-hour final examination (15%).

**Prescribed reading:**

Watson, T. *Sociology, work and industry*. London, Routledge 1995.

**SOCIOLOGY 2 PP: personality and politics (20 CPs. Sem. II. Bu.)**

**S2PP Dr Richard Trahair**

In this subject, ideas in sociology and society are extended to understand political activities such as leadership and group behaviour. Close attention is given to early contributions to political psychology, psychological research on politicians today, obsessional, heroic, narcissistic, democratic and totalitarian characters in politics. Illustrations are drawn from Australian, American and European politics today and special attention is given to psycho-historical explanations of political activities. In groups, students study one outstanding Australian political figure and establish how useful the psycho-historical ideas are for understanding that figure in politics.

**Prerequisite:** 30 credit points of first year sociology, anthropology, Asian Studies ITA-A or ITA-B, or English, history, politics, legal studies, economics, cinema studies, media studies, philosophy, or psychology.

**Incompatible subject:** S2PS/S3PS taught prior to 1998.

**Class requirements:** one 2-hour seminar per week and one 1-hour tutorial fortnightly.

**Assessment:** one 3,000-word essay (50%), and one 2-hour sighted examination (50%).

**Preliminary reading:**

Brett, J. (ed.) *Political lives*, Allen & Unwin 1997.

Davies, A. F. *The human element*, McPhee Gribble/Penguin 1988.

Little, G. *Public emotions*, ABC Books 1999.

**SOCIOLOGY 2 PS: personality and society (20 CPs. Sem. I. Bu.)**

**S2PS Dr Richard Trahair**

In this subject students are introduced to basic psychoanalytic and related ideas that social scientists use to study social problems as well as individuals. Close attention is given to the life, career and major ideas of Sigmund Freud. Students are shown his main contribution to concepts about human personality, unconsciousness, motivation, personality structure, processes, development and dynamics. In groups, students study a specific social and individual problem and examine how far psychoanalytic thought contributes to its solution.

**Prerequisite:** 30 credit points of first year sociology, anthropology, Asian Studies ITA-A or ITA-B, or English, history, politics, legal studies, economics, cinema studies, media studies, philosophy, or psychology.

**Class requirements:** one 2-hour seminar and one 1-hour tutorial fortnightly.

**Assessment:** one 3,000-word essay (60%), and one 2-hour sighted examination (40%).

**Preliminary reading:**

Freud, S. *Group psychology and the analysis of ego*, Bantram or any edn after 1955.

Stafford-Clark, D. *What Freud really said*, Penguin any edn, or

Wollheim, R. *Freud*, Fontana any edn.

**SOCIOLOGY 2 SD: sociology of divorce (20 CPs. Sem. II. Bu.) S2SD**

**Dr Ken Dempsey**

*Not available in 2000.*

**SOCIOLOGY 2 SIA: social inequality: Australia and beyond (20 CPs. Sem. I. Bu.) S2SIA**

**Professor Yoshio Sugimoto.**

*Not available in 2000.*

**SOCIOLOGY 2 SM: sociology of marriage (20 CPs. Sem. I. Bu.)**

**S2SM Dr Ken Dempsey**

In this subject, students examine several of the main features of contemporary marriage, the extent to which marital relations have been changing in recent years, and the economic, cultural and structural forces responsible for any such changes. Among the questions asked are these: Do married people enjoy better psychological and physical health than single people, or people in de facto relationships? Are husbands participating in house work and child care more now than in the past? Do working wives exercise more power in marriages than full time house wives? Are contemporary marriages providing men and women with intimate and emotionally supportive relationships? What impact has feminism and entry of

women into the paid work force had on the quality and character of married life?

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 3-hour lecture or workshop per week.

**Assessment:** one 2,500-word essay or research report (45%), one 2-hour sighted test (45%), and workshop papers and participation (10%). Regular attendance at classes and submission of all written work is a requirement of the subject, without which a pass cannot be awarded.

**Preliminary reading:**

Hochschild, A. *The second shift*, Viking 1989.

**Prescribed reading:**

Dempsey, K. *Inequalities in marriage*, Oxford 1997.

Edgell, S. *Middle class couples*, Allen & Unwin 1980.

**SOCIOLOGY 2 SMV: social movements (20 CPs. Sem. I. Bu.) S2SMV**

**Dr Rowan Ireland**

The subject commences with an examination of attempts to define social movements. Structurally, social movements are located between the most temporary and spontaneous form of collective behaviour (fads, panics, riots) and more permanent, formal organisations. Historically, social movements have contested dominant trends in social structure and culture. Against capitalist industrialisation we have seen the workers' movements; against male dominance we have seen the rise of the feminist movements; against bureaucratisation and 'the projects of modernity', the green and peace movements; against secularisation, the new religious movements; against colonialism, nativistic and nationalistic movements. Focusing on the so-called new social movements (for example, the green movement and the women's movement) we investigate how they arise in the conditions under which their claims are activated, and assess both the changes they represent and the changes they might achieve.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,500-word essay (30%), one 4,000-word research report (60%), and tutorial participation (10%).

**Prescribed reading:**

Burgmann, V. *Power and protest*, Allen & Unwin 1993.

Castells, M. *The power of identity*, Blackwell 1997.

**SOCIOLOGY 2 SPF: contesting social policy: the feminist challenge**

**(20 CPs. Sem. II. Bu.) S2SPF Dr Kerreen Reiger**

The challenge posed by feminist theories and research to traditional social policy is explored in this subject. Students examine how women's experience of the state has varied according to class and race/ethnicity. Topics include the welfare state and the family, maternity services and reproductive technologies, child care and protection, women's work as carers, policy responses to domestic and sexual violence, and women's human rights claims. A central contradiction is explored: that between the state's support for traditional family forms, yet its potential as an arena within which to achieve social change. The women's movement's engagement with the state will be assessed and future possibilities considered.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour seminar per week.

**Assessment:** one 2,000-word essay (35%), one 3,000-word essay (55%), and tutorial participation (10%).

**Preliminary reading:**

Edwards, A. and Magarey, S. *Women in a restructuring Australia*, Allen & Unwin 1995.

Franzway, S., Court, D. and Connell, R. W. *Staking a claim: feminism, bureaucracy and the state*, Allen & Unwin 1989.

**Recommended reading:**

Bacchi, C. *Women, policy and politics: the construction of policy problems*, Sage 1999.

Hancock, L. *Women, public policy and the state*, Macmillan 1999.

Williams, F. *Critical social policy: issues of race, gender and class*, Polity Press 1989.

**SOCIOLOGY 2 SWP: social policy, welfare and the state (20 CPs. Sem. I. Bu.) S2SWP Dr Trevor Hogan**

Contemporary debates about the appropriate role of the state in the lives of its citizens form the focus of this subject. Why has privatisation of government services become so fashionable? When, how and why did welfare states develop in western countries, including Australia? A comparative approach is taken to topics such as poverty and unemployment, the organisation of health care and debates on

the future of welfare states in an era of economic rationalism and globalisation. How is social policy formulated in Australian society? Who sets the agenda and in whose interests? This subject provides a framework for understanding these questions.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.  
**Assessment:** one 2,000-word essay (35%), one 3,000-word essay (55%), and tutorial participation (10%).

#### Recommended reading:

Bryson, L. *Welfare and the state*, Macmillan 1992.  
 Dalton, T. et al *Making social policy in Australia*, Allen & Unwin 1996.  
 Wilson, J., Thomson, J. and McMahon, A. (eds) *The Australian welfare state: key documents and themes*, Macmillan 1996.

#### SOCIOLOGY 2 TCA: sociology of culture (20 CPs. Sem. II. Bu.)

**S2TCA Dr John Carroll**

What makes a human being? What shapes character? What gives a person direction? Which laws are obeyed, and why? In which way does a society form, or alternatively, deform, its individuals? This subject looks at the central role 'culture' plays in all these issues. It considers guilt and shame, authority and repression, crime and punishment, transgression and forgiveness and attempts to show how such forces conspire to create culture and what culture therefore means – given the instinctual bog out of which it is born. Drawing upon Western literature, art and film it goes on to examine cultural breakdown and its dire consequences for both individual and society. It concludes by looking at the nature of cultural restoration.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 3-hour seminar per week.  
**Assessment:** one 1,500-word essay (30%), and one 3,500-word essay (70%).

#### Preliminary reading:

Conrad, J. *Heart of darkness*, any edn.  
 Hall, C. *A primer of Freudian psychology*, any edn.

#### Prescribed reading:

James, H. *Portrait of a lady*, any edn.  
 Nietzsche, F. *The birth of tragedy*, any edn.

#### SOCIOLOGY 2 TCS: culture, society and theory (20 CPs. Sem. II. Bu.)

**S2TCS Professor Johann Arnason**

Marx, Weber and Durkheim together generated classical social theory, whose tracks we still follow in the philosophical discourse of modernity. In this subject we use three main themes, capitalism, socialism and democracy, as ways to read the classics and to interpret modernity. The object is both to clarify theoretical traditions and to help make sense of the world we inhabit today.

**Prerequisite:** 30 credit points of first year sociology or anthropology, or Asian Studies ITA-A or ITA-B, or subject coordinator's approval.  
**Class requirements:** one 3-hour lecture or seminar per week.  
**Assessment:** one 2,000-word review (40%), and one 3,000-word essay (60%).

#### Preliminary reading:

Beilharz, P. (ed.) *Social theory - a guide to central thinkers*, Allen & Unwin 1982.  
 Giddens, A. *Capitalism and modern social theory, an analysis of the writings of Marx, Durkheim and Max Weber*, Cambridge UP 1971.  
 Schumpeter, J. A. *Capitalism, socialism and democracy*, Allen & Unwin 1981.

#### Prescribed reading:

Durkheim, E. *The division of labour in society*, Macmillan, any edn.  
 Durkheim, E. Introduction and chapter 1 in *The elementary forms of the religious life*, Allen & Unwin, any edn.  
 Gerth, H. H. and Wright Mills, C. (eds.) *From Max Weber, essays in sociology*, Routledge and Kegan Paul 1970.  
 Marx, K. *The communist manifesto*, Penguin 1967.  
 Weber, M. *The Protestant ethic and the spirit of capitalism*, Unwin Books, any edn.

#### SOCIOLOGY 2 WT: work, society and technological change (20 CPs. Sem. I. Bu.)

**S2WT Ms Katy Richmond.**

Not available in 2000.

#### THIRD YEAR SUBJECTS

##### CLASS AND INEQUALITY (20 CPs. Sem. II. Aw.) W3SCI Dr

**Mohammad Siahpush**

Not available in 2000.

##### FIELDWORK AND ETHNOGRAPHY (20 CPs. Sem. I. Aw.) W3FAE Dr

**Wendy Walker-Birckhead**

See *Fieldwork and ethnography* W2FAE for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### QUANTITATIVE METHODS (20 CPs. Sem. I. Aw.) W3QAM1 Dr

**Mohammad Siahpush**

See *Quantitative Methods* W2QAM1 for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### READING UNIT IN SOCIAL THEORY (20 CPs. Sem. I. Aw.) W3RST

The first aim of this subject is to familiarise students with the classic works of Karl Marx, Max Weber and Emile Durkheim. Students will read a selection of the original writings, as well as contemporary interpretations of this trio. The second aim is to discuss contemporary social theorists who have been greatly influenced by the classics. Students will focus on four notable theorists, Eric Olin Wright, Nicos Polunztzas, Frank Parkin and Anthony Giddens.  
**Prerequisite:** Introduction to Sociology A and B and two other Sociology subjects.

**Class requirements:** one fortnightly 3-hour session.

**Assessment:** three 1000 to 1,500-word papers (20% each) two 800 to 1200-word papers (15% each) and participation (10%).

##### RURAL SOCIOLOGY (20 CPs. Sem. II. Aw.) W3RS Mr Brian Furze

Not available in 2000.

##### SOCIOLOGY 3 BM: back to the modern (20 CPs. Sem. II. Bu.) S3BM

**Professor Johann Arnason**

See *S2BM* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### SOCIOLOGY 3 CL: social change in Latin America (20 CPs. Sem. I. Bu.) S3CL Dr Rowan Ireland.

Not available in 2000.

##### SOCIOLOGY 3 CM: community studies (20 CPs. Sem. I. Bu.) S3CM

**Dr Ken Dempsey**

See *S2CM* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### SOCIOLOGY 3 CPR: cultural production, consumption and representation (20 CPs. Sem. II. Bu.) S3CPR Dr Beryl Langer.

Not available in 2000.

##### SOCIOLOGY 3 CU: community and utopia in modernity (20 CPs. Sem. II. Bu.) S3CU Dr Trevor Hogan

See *S2CU* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### SOCIOLOGY 3 DBA: sociological theories of deviance (20 CPs. Sem. II. Bu.) S3DBA Ms Katy Richmond

See *S2DBA* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### SOCIOLOGY 3 DCS: deviance, criminality and social control (20 CPs. Sem. I. Bu.) S3DCS Dr Rosemary Wearing

See *S2DCS* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### SOCIOLOGY 3 DD: disintegration and dread in modern society (20 CPs. Sem. I. Bu.) S3DD Dr John Carroll

See *S2DD* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

##### SOCIOLOGY 3 EI: ethnicity and identity: social and political approaches (20 CPs. Sem. II. Bu.) S3EI Dr John Goldlust and Dr Sanjay Seth

See *S2EI* for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 EL: sociology and everyday life (20 CPs. Sem. II. Bu.) S3EL** Dr Beryl Langer

See S2EL for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 FC: families and change (20 CPs. Sem. I. Bu.) S3FC** Dr Kerreen Reiger

See S2FC for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 FRA: free reading (20 CPs. Sem. I. Bu.) S3FRA**

See the subject description for Sociology 3 FRB below.

**SOCIOLOGY 3 FRB: free reading (20 CPs. Sem. II. Bu.) S3FRB**

A student who wishes to do either Sociology 3FRA or Sociology 3FRB must fill in an application form available from the Sociology and Anthropology General Office. Provided that a member of staff agrees to act as a supervisor and that the area of study is not covered by other subjects, the application to undertake one free reading unit will generally be approved if the student has obtained 150 credit points of Sociology and has an average of B in second or third year Sociology units. The primary purpose of a free reading unit is to enable a student to undertake a literature review and other written work on a topic which may lead to a fourth year honours thesis.

**Prerequisite:** 150 credit points of sociology.

**Class requirements:** as required by the supervisor.

**Assessment:** normally written work totalling 5,000-words.

**SOCIOLOGY 3 GSB: contemporary debates on gender and sexuality (20 CPs. Sem. II. Bu.) S3GSB** Dr Kerreen Reiger

See S2GSB for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 GW: sociology of gender and work (20 CPs. Sem. I. Bu.) S3GW** Ms Katy Richmond

This subject is also available as Women's Studies 3 GW.

See S2GW for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 HM: sociology of health and medicine (20 CPs. Sem. I. Bu.) S3HM** Dr Evan Willis

See S2HM for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 JP: Japanese society and culture (20 CPs. Sem. I. Bu.) S3JP** Professor Yoshio Sugimoto

See S2JP for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 LSM: political sociology, labour, state and modernity (20 CPs. Sem. II. Bu.) S3LSM** Professor Peter Beilharz

See S2LSM for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 NRM: new religious movements (20 CPs. Sem. II. Bu.) S3NRM** Dr Rowan Ireland

See S2NRM for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY OF EMOTIONS (20 CPs. Sem. II. Aw.) W3SE** Ms Pauline Savy

See Sociology of work W2SE for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY OF HEALTH AND ILLNESS (20 CPs. Sem. I. Aw.)**

**W3SH12** Dr Mohammad Siahpush

See Sociology of work W2SH12 for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY OF NATURAL RESOURCES (20 CPs. Sem. II. Aw.)**

**W3NSR** Mr Brian Furze

See Sociology of natural resources W2NSR for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY OF THE ENVIRONMENT (20 CPs. Sem. I. Aw.) W3SOE1**

Mr Brian Furze

See Sociology of the environment W2SOE1 for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY OF WORK (20 CPs. Sem. II. Aw.) W3SOW** Pauline Savy

See Sociology of work W2SOW for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 PP: personality and politics (20 CPs. Sem. II. Bu.)**

**S3PP** Dr Richard Trahair

See S2PP for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 PS: personality and society (20 CPs. Sem. I. Bu.)**

**S3PS** Dr Richard Trahair

See S2PS for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 SD: sociology of divorce (20 CPs. Sem. II. Bu.) S3SD**

Dr Ken Dempsey.

Not available in 2000.

**SOCIOLOGY 3 SIA: social inequality: Australia and beyond (20 CPs. Sem. I. Bu.) S3SIA** Professor Yoshio Sugimoto

Not available in 2000.

**SOCIOLOGY 3 SM: sociology of marriage (20 CPs. Sem. I. Bu.)**

**S3SM** Dr Ken Dempsey

See S2SM for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 SMV: social movements (20 CPs. Sem. I. Bu.) S3SMV**

Dr Rowan Ireland

See S2SMV for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 SPF: contesting social policy: the feminist challenge (20 CPs. Sem. II. Bu.) S3SPF** Dr Kerreen Reiger

See S2SPF for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 SWP: social policy, welfare and the state (20 CPs. Sem. I. Bu.) S3SWP** Dr Trevor Hogan

See S2SWP for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 TCA: sociology of culture (20 CPs. Sem. II. Bu.)**

**S3TCA** Dr John Carroll

See S2TCA for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 TCS: culture, society and theory (20 CPs. Sem. II. Bu.)**

**S3TCS** Professor Johann Arnason

See S2TCS for full subject description.



**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SOCIOLOGY 3 WT: work, society and technological change (20 CPs. Sem. 1. Bu.)** **S3WT Ms Katy Richmond**  
Not available in 2000.

#### Honours program

**SOCIOLOGY 4: honours program in sociology and anthropology (All year. Bu.)** **S4 Dr Rowan Ireland**

The course comprises research, two compulsory course-work subjects and one elective course-work subject. Entry into the honours year is by application at the end of the student's third year of study. Further information may be obtained from Mrs Barbara Matthews. Research: Completion of a 12,000 to 15,000-word research thesis. Research extends throughout the honours year and requires each student to produce under supervision a thesis on the chosen topic. Compulsory subjects: key issues in social theory and research (first semester) – Dr Rowan Ireland and Dr Trevor Hogan. Problems and paradigms: research and writing (second semester) – Dr Rowan Ireland and Dr Trevor Hogan. Elective subjects (any one) Anthropology, ethnography and interpretation (first semester) – Dr Chris Eipper. Globalization, sexuality and gender (first semester) – Professor Dennis Altman. Theories and methods of comparative sociology (first semester) – Professor Yoshio Sugimoto. Alternative electives from Politics may be enrolled in, subject to agreement with Honours Coordinator, Dr Rowan Ireland.

#### Spanish (with Portuguese, Catalan and Galician)

In all important senses – in terms of demography, the extent of its administrative use, and its cultural impact – Spanish is one of the world's major languages.

It is one of the two main languages of the Latin American countries and the principal one of Spain. It is used by more than 400 million people. It is the medium of such major works of literature as *'Don Quixote'* and *'One hundred years of solitude'*.

The Department of Spanish provides a comprehensive range of subjects within the general area of Hispanic and Iberian studies, that is, Spanish language, literature and linguistics at a number of different levels, Portuguese language in both its forms (those of Portugal and Brazil, spoken by more than 150 million people) Catalan, the language of some seven million Spaniards, and Galician, one of the three historic languages of Spain. Latin American literature and culture occupy an important place in the Department's offerings.

Subjects fall into two types. Mainstream subjects which all students take and optional, specialised subjects, in which students can extend their particular interests.

Language subjects cater separately for the complete beginner and for the student from a native-speaking background, or with an advanced knowledge of Spanish. In all subjects, the target language is the principal medium of communication.

All mainstream subjects contain elements of general Hispanic culture and civilisation and involve the study of literature and other cultural components. A great deal of emphasis is placed on competence in the language (or languages) studied, but linguistic competence is not the sole aim of study.

Students are encouraged to develop an interest in a specific area of Hispanic studies, such as in the fields of literature, culture and/or linguistics, that fall within the Department's ambit, or in related disciplines taught in other departments, for example, Latin American studies or linguistics.

#### Subject nomenclature

Throughout this section of the *Handbook*, the nomenclature Spanish 1 A is used to denote the combination of Spanish 1 A- 1, 1 A-2, 1 A-3 and 1 A-4. Spanish 1 B is used to denote the combination of Spanish 1 B-1, 1 B-2, 1 B-3, and 1 B-4 and so on. When appropriate, the individual semester subjects are referred to specifically.

References to Spanish 1 A, 1 B, etc., as incompatible subjects refer to those full-year subjects in previous years.

#### Program of study

To meet the requirements for a major in Spanish, students must take a total of 165 credit points within the Department, of which 80 credit points must be at third year level. A major in Spanish can include the study of Catalan and Portuguese. Students will take one of the following programs of study after consultation with Departmental coordinators:

- Advanced-stream students (those with VCE Spanish or an equivalent qualification) 45 credit points of Spanish 1 A, 40 credit points of Spanish 2 A, Spanish 3 AL (20 credit points) and a further 60 credit points of Spanish at third year level.
- Beginner-stream students (those who begin first year with no prior knowledge of Spanish) 45 credit points of Spanish 1 B, 40 credit points of Spanish 2 B and Spanish 3 B and a further 40 credit points of Spanish at third year level.
- Intermediate-stream students (those with a prior knowledge of Spanish but without VCE Spanish or an equivalent qualification) 45 credit points of Spanish 1 C, 40 credit points of Spanish 2 C, Spanish 3 AL (20 credit points) and a further 60 credit points of Spanish at third year level.

All students taking Spanish at third year level must enrol in Spanish 3 AL or Spanish 3 B, except those who have the Chairperson's approval. Students who wish to satisfy the degree requirements by taking two sequences, one of which is in Spanish, are required to take 125 credit points in Spanish as follows:

- Advanced-stream students must take 45 credit points of Spanish 1 A, 40 credit points of Spanish 2 A, Spanish 3 AL and a further third year Spanish subject.
- Beginner-stream students must take 45 credit points of Spanish 1 B and 40 credit points of Spanish 2 B and Spanish 3 B.
- Intermediate-stream students must take 45 credits points of Spanish 1 C, 40 credit points of Spanish 2 C; Spanish 3 AL and a further third year Spanish subject.

#### First year subjects

15 credit points

##### Sem.

- 1&2 Spanish 1 B-1: beginners stream 1
- 1&2 Spanish 1 B-2: beginners stream 2
- 1&2 Spanish 1 B-3: advanced stream 3
- 1&2 Spanish 1 B-4: beginners stream 4
- 1 Spanish 1 A-1: advanced stream 1
- 1 Spanish 1 A-2: advanced stream 2
- 1 Spanish 1 C-1: intermediate stream 1
- 1 Spanish 1 C-2: intermediate stream 2
- 2 Spanish 1 A-3: advanced stream 3
- 2 Spanish 1 A-4: advanced stream 4
- 2 Spanish 1 C-3: intermediate stream 3
- 2 Spanish 1 C-4: intermediate stream 4

#### Second year subjects

20 credit points

- 1 Spanish 2 A-1: advanced stream 1
- 1 Spanish 2 B-1: beginners stream 1
- 1 Spanish 2 C-1: intermediate stream 1
- 2 Spanish 2 A-2: advanced stream 2
- 2 Spanish 2 B-2: beginners stream 2
- 2 Spanish 2 C-2: intermediate stream 2

#### Second or third year subjects

20 credit points

- 1 Catalan 2 N-1/3 N-1: introductory Catalan 1
- 1 Portuguese 2 P-1/3 P-1: introductory Portuguese 1
- 1 Portuguese 2 PA-1/3 PA-1: advanced Portuguese 1
- 1 Spanish 2 SC/3 SC: the Spanish context
- 1 Catalan 2 N-2/3 N-2: introductory Catalan 2
- 2 Portuguese 2 P-2/3 P-2: introductory Portuguese 2
- 2 Portuguese 2 PA-2/3 PA-2: advanced Portuguese 2
- 2 Spanish 2 LAC/3 LAC: Latin American context
- 2 Spanish 2 LI/3 LI: Spanish linguistics
- 2 Spanish 2 MRB/3 MRB: magic realism and beyond<sup>1</sup>

#### Summer

Spanish 2 SAP/3 SAP: Spanish study abroad program in Spain

#### Third year subjects

20 credit points

- 1 Spanish 3 B-1: beginners stream 1
- 2 Spanish 3 B-2: beginners stream 2

#### Third or fourth year subjects

20 credit points

- 1 Spanish 3 AL/4 AL: advanced language
- 1 Spanish 3 CW/4 CW: contemporary Spanish women writers<sup>1</sup>
- 1 Spanish 3 LL/4 LL: Latin American literature
- 1 Spanish 3 RCA/4 RCA: reading course
- 1 Spanish 3 SD/4 SD: Spanish dialectology<sup>1</sup>
- 2 Spanish 3 LAB/4 LAB: Latin American literature<sup>1</sup>
- 2 Spanish 3 RCB/4 RCB: reading course
- 2 Spanish 3 TSL/4 TSL: twentieth century Spanish literature

#### Fourth or fifth year subjects

20 credit points

- 1 Spanish 4 VL/5 VL
- 1 Spanish 4 RCA
- 2 Spanish 4 RCB/5 RCB
- 2 Spanish 4 WW/5 WW

Key: <sup>1</sup> Not available in 2000



## Other subjects recommended for students whose major is in Spanish

Not all of the subjects listed below will be available every year. See the subject descriptions for availability and semester of offer.

### First year subjects

15 credit points

European Studies 1 WCE-1: windows on contemporary Europe: cultures in transformation  
European Studies 1 WCE-2: windows on contemporary Europe: cultures through text  
History 1 MW: the rise of the Modern World: Europe, Africa and the Americas  
Linguistics 1 LS: language in society

### Second or third year subjects

20 credit points

European Studies 2 NNB/3 NNB: marriage and adultery in the European novel  
European Studies 2 CEW/3 CEW: changing lives: 20<sup>th</sup> century European women writers  
European Studies 2 NNA/3 NNA: country/city: images of society in the European novel  
European Studies 2 PN/3 PN: post modern narrative  
History 2 W/3 W: the world since 1945  
History 2 COA/3 COA: the cold war  
History 2 COB/3 COB: the cold war in Latin America  
History 2 CR/3 CR: Cuba: sugar, slavery, race and revolution – Cuba 1880-1997  
History 2 DUB/3 DUB: the quest for modernisation in Latin America  
History 2 GH/3 GH: Genocides and Holocausts: Nazi Europe, Guatemala and Rwanda  
History 2 PSA/3 PSA: peasants and politics in Latin America  
History 2 PSB/3 PSB: peasants and revolution in Central America 1950-1995  
History 2 TCM/3 TCM: 20th century Mexico.  
Latin American Studies 2 AC/3 AC: Atlantic crossings: African cultural legacy in the Caribbean and Latin America  
Linguistics 2 BL/3 BL: bilingualism and second language acquisition  
Linguistics 2 LCM/3 LCM: language and culture maintenance  
Linguistics 2 LSG/3 LSG: language and gender  
Linguistics 2 PT/3 PT: phonetics  
Sociology 2 CL/3 CL: social change in Latin America

### Third or fourth year subjects

20 credit points

European Studies 3 TL/4 TL: literature and translation  
History 3 RH/4 RH: consciousness, economy, formal ideology and mobilisation

### Honours

Well qualified students may be admitted to a fourth year honours course. The emphasis in the honours year falls equally upon broadening the student's overall knowledge of the major fields of Hispanic literature and of linguistics available in the Department and upon developing a greater competence in one or more previously studied fields.

Students considering honours should consult the honours coordinator when re-enrolling for their second year, in order to plan a suitable course structure on which to base an honours year. Towards the end of the third year, intending honours students should consult the honours coordinator concerning the composition of their honours year. Students wishing to enter the fourth year honours program in Spanish should normally have completed a major in Spanish, have averaged a B grade in their Spanish subjects and have taken subjects in their major which will fulfil the prerequisites of intended honours year subjects.

The Spanish fourth year honours program consists of a research essay of 10,000-words on an approved topic and the equivalent of 60 credit points of course-work. One of the required subjects is the advanced course in language, Spanish 4 AL (if not already taken at the third year level).

One third year subject (which may include Portuguese 3 P-2, Portuguese 3 PA-2, Catalan 3 N-2 or Galician 3 G, with separate work in each case) may be taken towards fourth year course-work. A pamphlet giving a more detailed description of the fourth year honours program is available from the European Studies Office. The full range of subjects offered at fourth year is available from the Spanish Department.

### Subject descriptions

For the location of the full description of any subject see the Index of subjects at the back of the *Handbook*. Where a reading list is not specified in the subject description, it will be available from the Department at the beginning of the year. All subjects are taught in the target language unless otherwise indicated.

## CATALAN 2 N-1: introductory Catalan 1 (20 CPs. Sem. I. Bu.) CAT2N1

Professor Boland & Mr Joan Cejas

This is an introduction to the Catalan language and to the culture of that part of Spain in which Catalan is spoken. Regular work with video and audio tapes from the widely-acclaimed Catalan language course, 'Digui, digui', written exercises and reading preparation are set. A wide spectrum of audio, video and written materials are available direct from Catalonia, which help to reinforce the everyday use of the language. Various aspects of Catalan civilisation are introduced and the problematic co-existence of Catalan alongside Spanish, especially in relation to Barcelona, is explored.

*Prerequisite:* available to students who have passed another Romance language, such as first year Spanish or an approved equivalent.

*Incompatible subject:* CAT3N.

*Class requirements:* one 1-hour lecture, one 1-hour tutorial and two 1-hour practical classes.

*Assessment:* one 1,500-word essay (30%), weekly written exercises (30%), class participation (10%), and one 1-hour final test (30%).

### Prescribed reading:

Mas, M. et al., *Digui, digui (Book 1) Enciclopedia Catalana*, Barcelona, 1991.

## CATALAN 2 N-2: introductory Catalan 2 (20 CPs. Sem. II. Bu.)

CAT2N2 Dr Lilit Thwaites and Mr Joan Cejas

This subject continues to emphasise performance in the skills of speaking, listening, reading and writing, but on a more advanced level than Catalan 2 N-1/3 N-1. The rich literary tradition, valued in Catalan society is discussed and studied. A selection of literature from the present century will be examined, together with a brief look at the classical period.

*Prerequisite:* CAT2N1/CAT3N1 or an approved equivalent.

*Incompatible subject:* CAT3N.

*Class requirements:* one 1-hour lecture, one 1-hour tutorial and two 1-hour practical classes.

*Assessment:* one 1,500-word essay (30%), weekly written exercises (30%), two 20-minute oral presentations (20%), and one 1-hour final test (20%).

### Prescribed reading:

Mas, M. et al., *Digui, digui (Book 1) Enciclopedia Catalana*, Barcelona, 1991.

Rodoreda, M. *La plaça del diamant*, Edicions 62, Barcelona.

Rodoreda, M. *La meva cristina i altres contes*, Edicions 62, Barcelona.

## CATALAN 3 N-1: introductory Catalan 1 (20 CPs. Sem. 1. Bu.) CAT3N1

Professor Boland and Mr. Joan Cejas

See Catalan 2N-1 for a full subject description.

*Assessment:* third-year students will be expected to show a greater achievement of discipline specific skills in their written work than second-year students.

## CATALAN 3 N-2: introductory Catalan 2 (20 CPs. Sem. II. Bu.)

CAT3N2 Dr. Lilit Thwaites and Mr. Joan Cejas

See Catalan 2N-2 for a full subject description.

*Assessment:* third-year students will be expected to show a greater achievement of discipline specific skills in their written work than second-year students.

## PORTUGUESE 2 P-1: introductory Portuguese 1 (20 CPs. Sem. I. Bu.)

PTG2P1 Dr Alan Baxter

*Offered subject to the availability of specialist staff.*

This is a practical introduction to the Portuguese language in its Brazilian variety and is particularly recommended to students who have a prior knowledge of another Romance language. It is an intensive course in which the beginning student acquires the skills of speaking and listening, while developing abilities in reading and writing. Student acquire the language through participation in a range of activities (through language laboratory exercises, computer-aided tasks, role play in pairs and small groups) and through the study of a wide spectrum of audio, video and written materials. Various aspects of Luso-Brazilian culture are studied throughout the course. Students may enrol in this subject at either second year level or third year level but not both.

*Prerequisite:* a C-level pass in FR1A, FR1B or FR1C; IT1A, IT1B or IT1C; SP1A, SP1B or SP1C, or coordinator's approval.

*Incompatible subject:* this subject was previously offered as PTG1P/PTG2P: introductory Portuguese and is therefore incompatible with that subject.

*Class requirements:* two 1-hour practical language classes, one 1-hour reading skills tutorial and one 1-hour grammar and writing tutorial.

*Assessment:* one 2-hour written examination (30%), written exercises (35%), two aural comprehension and transcription exercises (15%),

reading performance and comprehension (10%), and oral production (10%).

**PORTUGUESE 2 P-2: introductory Portuguese 2 (20 CPs. Sem. II. Bu.) PTG2P2 Ms Isabel Moutinho**

Offered subject to the availability of specialist staff. This continues to emphasise performance in the skills of speaking, listening, reading and writing, but on a more advanced level than Portuguese 2 P-1/3 P-1. It contains elements related to practical language acquisition and the study of Luso-Brazilian culture through film and text.

*Prerequisite:* PT2P1/PT3P1 or the coordinator's approval.

*Class requirements:* two 1-hour practical classes, one 1-hour tutorial and one 1-hour lecture.

*Assessment:* one 2-hour written examination (25%), written exercises (30%), one 1,500-word essay (15%), aural comprehension and transcription exercises (10%), reading performance and comprehension (10%), and oral production (10%).

**PORTUGUESE 2 PA-1: advanced Portuguese 1 (20 CPs. Sem. I. Bu.) PTG2PA1 Dr Alan Baxter**

Offered subject to the availability of specialist staff.

It aims to consolidate the skills learned in Introductory Portuguese 2 P-2. Students continue to acquire and perfect knowledge of the language through a range of activities involving language laboratory and computer-aided exercises, practical work in small groups and pairs and through the study of Luso-Brazilian culture and society as represented in the news media, in cinema and in selected examples of Luso-Brazilian literature.

*Prerequisite:* for second year, VCE Portuguese. For third year, VCE Portuguese or PTG2P2, or an approved equivalent.

*Class requirements:* one 1-hour lecture, one 1-hour grammar and writing tutorial and one 2-hour practical language class.

*Assessment:* written exercises (30%), one 30-minute class paper (10%), class participation (10%), comprehension, production and transcription exercises (15%), one 1500-word essay (15%), and one 2-hour examination (20%).

**PORTUGUESE 2 PA-2: advanced Portuguese 2 (20 CPs. Sem. II. Bu.) PTG2PA2 Ms Isabel Moutinho**

Offered subject to the availability of specialist staff.

This subject is set at a higher level than its predecessor and aims at consolidating spoken and written skills by placing a greater emphasis on the socio-historical and cultural context of the Portuguese language in its Brazilian, Portuguese, African and Asian varieties. A wide range of materials will be studied, drawn from cinema, the news media, representative writings on Luso-Brazilian history and society and representative examples of literature from Portuguese-speaking countries.

*Prerequisite:* PTG2PA1/PTG3PA1 or an approved equivalent.

*Class requirements:* one 1-hour lecture, one 1-hour grammar and writing tutorial and one 2-hour practical language class.

*Assessment:* written exercises (30%), one 30-minute class paper (10%), class participation (10%), comprehension, production and transcription exercises (15%), one 1,500-word essay (15%), and one 2-hour examination (20%).

**PORTUGUESE 3 P-1: introductory Portuguese 1 (20 CPs. Sem. I. Bu.) PTG3P1 Dr. Alan Baxter**

Offered subject to the availability of specialist staff.

See Portuguese 2 P-1 for full subject description.

*Assessment:* third-year students will be expected to show a greater achievement of discipline specific skills in their written work than second-year students.

**PORTUGUESE 3 P-2: introductory Portuguese 2 (20 CPs. Sem. II. Bu.) PTG3P2 Ms Isabel Moutinho**

Offered subject to the availability of specialist staff.

See Portuguese 2 P-2 for full subject description.

*Assessment:* third-year students will be expected to show a greater achievement of discipline specific skills in their written work than second-year students.

**PORTUGUESE 3 PA-1: advanced Portuguese 1 (20 CPs. Sem. I. Bu.) PTG3PA1 Dr Alan Baxter**

Offered subject to the availability of specialist staff.

See Portuguese 2 PA-1 for full subject description.

*Assessment:* third-year students will be expected to show a greater achievement of discipline specific skills in their written work than second-year students.

**PORTUGUESE 3 PA-2: advanced Portuguese 2 (20 CPs. Sem. II. Bu.) PTG3PA2 Ms Isabel Moutinho**

Offered subject to the availability of specialist staff.

See Portuguese 2 PA-2 for full subject description.

*Assessment:* third-year students will be expected to show a greater achievement of discipline specific skills in their written work than second-year students.

**SPANISH 1 A-1: advanced Spanish 1 (15 CPs. Sem. I. Bu.) SP1A1 Dr Lilit Thwaites**

This subject combines practical Spanish language and grammar, and an introduction to modern Spanish and Latin American culture. Written texts, radio and TV material, films and literary texts will be used to sharpen and develop performance in speaking, listening, reading and writing, and to broaden the student's knowledge of Hispanic culture.

*Prerequisite:* VCE Spanish (or approved equivalent) or co-ordinator's approval.

*Co-requisite:* SP1A2

*Class requirements:* one 1-hour practical class, one 1-hour grammar class and one 1-hour seminar per week.

*Assessment:* one 500-word essay (10%), one 1.5-hour end of semester test (25%), practical exercises [written, oral & aural] (2,000-words equivalent) (55%), class participation (10%).

**Prescribed reading:**

Millares, S. and A. Centellas, *Método de español para extranjeros. Nivel intermedio*. Edinumen, 1996.

Millares, S. and A. Centellas, *Libro de claves*.  
Monolingual dictionary.

**SPANISH 1 A-2: advanced Spanish 2 (7.5 CPs. Sem. I. Bu.) SP1A2 Dr Lilit Thwaites**

In this subject students will receive training in listening and speaking skills in Spanish. Listening activities constitute the core of the subject, and comprise materials from a diverse range of varieties and registers of Spanish. Students will work individually and in small groups on a range of activities and tasks involving comprehension and production of original materials. Much of this work will be done via the computer aided language laboratory and the audio language laboratory.

*Prerequisite:* VCE Spanish (or approved equivalent) or co-ordinator's approval.

*Co-requisite:* SP1A1.

*Incompatible subject:* SP1A1 in a previous year.

*Class requirements:* one 1-hour practical class and one 1-hour laboratory class per week.

*Assessment:* two 15-minute listening comprehension tests [mid-semester (25%), end of semester (35%)], one 10-minute oral production test (30%), and class participation (10%).

**SPANISH 1 A-3: advanced Spanish 3 (15 CPs. Sem. II. Bu.) SP1A3 Dr Lilit Thwaites**

This subject is a continuation of the program of language skills acquisition and developed acquired in Spanish 1A-1. Aspects of Hispanic culture are studied primarily through written and audio-visual material.

*Prerequisite:* SP1A1 & SP1A2.

*Co-requisite:* SP1A4.

*Incompatible subject:* SP1A2 in a previous year.

*Class requirements:* one 1-hour practical class, one 1-hour grammar class, and one 1-hour seminar per week.

*Assessment:* one 500-word essay (10%), one 750-word essay (20%), one 1-hour end of semester test (30%), practical exercises [written, oral & aural] (1,750-words equivalent) (40%), class participation (10%).

**Prescribed reading:**

Millares, S & A. Centellas, *Método de español para extranjeros. Nivel intermedio*. Edinumen, 1996.

Millares, S. and A. Centellas, *Libro de claves*.

García Márquez, G. *Crónica de una muerte anunciada*.

Gamarra, Michael. *No mates a Cecilia*.

Monolingual dictionary.

**SPANISH 1 A-4: advanced Spanish 4 (7.5 CPs. Sem. II. Bu.) SP1A4 Dr Lilit Thwaites**

In this subject students will further develop their listening and speaking skills in Spanish. Listening activities constitute the core of the subject, and comprise materials from a diverse range of varieties and registers of Spanish. Students will work individually and in small groups on a range of activities and tasks involving comprehension and production of original materials. Much of this work will be done via the computer aided language laboratory and the audio language laboratory.

*Prerequisite:* SP1A1, and SP1A2.

*Co-requisite:* SP1A3.

*Incompatible subject:* SP1A2 in a previous year.

**Class requirements:** one 1-hour practical class and one 1-hour laboratory class per week.

**Assessment:** two 15-minute listening comprehension tests [mid-semester 25%, end of semester 35%] (60%), one 10-minute oral production test [end of semester] (30%), and class participation (10%).

**SPANISH 1 B-1: beginners Spanish 1 (15 CPs. Sem. I. & II. Bu.)**

**SP1B1 Ms Ana María Ducasse**

This subject is a practical introduction to the Spanish language. The student acquires the language largely in genuine or simulated real-life situations (a communicative approach to language learning) rather than through instruction in grammar and translation. Throughout the semester, cultural aspects of the Hispanic world are introduced through the language classes.

**Co-requisite:** SP1B2.

**Class requirements:** three 1-hour practical language classes per week.

**Assessment:** written work [short tests; exercises] (1,000-words equivalent) (30%), oral/aural work [short comprehension tests, pronunciation exercises, transcriptions] (1,500-words equivalent) (40%), one 1-hour end of semester written test (20%), one 15-minute end of semester listening test (10%).

**Prescribed reading:**

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach*, 4th edn, McGraw-Hill 1998.

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach - Cuaderno de trabajo A*, 4th edn, McGraw-Hill 1998.

**SPANISH 1 B-2: beginners Spanish 2 (7.5 CPs. Sem. I. & II. Bu.)**

**SP1B2 Mrs. Ana María Ducasse**

In this subject students will receive training in listening and speaking skills in Spanish. Listening activities constitute the core of the subject, presenting new structures and vocabulary in context and providing students with models for pronunciation and discourse. Students will work individually and in small groups on a range of activities and tasks involving comprehension, pronunciation and dialogue production. Much of this work will be done via the computer aided language laboratory and the audio language laboratory.

**Co-requisite:** SP1B1.

**Class requirements:** one 1-hour practical class and one 1-hour laboratory class per week.

**Assessment:** two 15-minute listening comprehension tests [mid-semester 25%, end of semester 35%] (60%), one 10 minute oral production test [end of semester] (30%), class participation (10%).

**Prescribed reading:**

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach*, 4th edn, McGraw-Hill 1998.

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach - Cuaderno de trabajo A*, 4th edn, McGraw-Hill 1998.

**SPANISH 1 B-3: beginners Spanish 3 (15 CPs. Sem. I. & II. Bu.)**

**SP1B3 Ms Ana María Ducasse**

This subject continues to emphasise the acquisition of Spanish through a communicative approach to language learning but on a more advanced level than Spanish 1B-1 and Spanish 1B-2. Throughout the semester, cultural aspects of the Hispanic world continue to be incorporated into the language classes.

**Prerequisite:** SP1B1 and SP1B2.

**Co-requisite:** SP1B4.

**Incompatible subject:** SP1B2 in a previous year.

**Class requirements:** three 1-hour practical language classes per week.

**Assessment:** written work [short tests; exercises] (1,000-words equivalent) (30%), oral/aural work [short comprehension tests, pronunciation exercises, transcriptions] (1,500-words equivalent) (40%), one 1-hour end of semester written test (20%), one 15-minute end of semester listening test (10%).

**Prescribed reading:**

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach*, 4th edn, McGraw-Hill 1998.

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach - Cuaderno de trabajo A*, 4th edn, McGraw-Hill 1998.

**SPANISH 1 B-4: beginners Spanish 4 (7.5 CPs. Sem. I. & II. Bu.)**

**SP1B4 Mrs. Ana María Ducasse**

In this subject students will further develop their listening and speaking skills in Spanish. Listening activities constitute the core of the subject, presenting new structures and vocabulary in context and providing students with models for pronunciation and discourse. Students will work individually and in small groups on a range of activities and tasks involving comprehension, pronunciation and dialogue production. Much of this work will be done via the computer aided language laboratory and the audio language laboratory.

**Prerequisite:** SP1B1, SP1B2 or coordinator's approval.

**Co-requisite:** SP1B3.

**Incompatible subject:** SP1B2 in a previous year.

**Class requirements:** one 1-hour practical class and one 1-hour laboratory class per week.

**Assessment:** two 15-minute listening comprehension tests [mid-semester 25% end of semester 35%] (60%), one 10 minute oral production test [end of semester] (30%), class participation (10%).

**Prescribed reading:**

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach*, 4th edn, McGraw-Hill 1998.

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach - Cuaderno de trabajo A*, 4th edn, McGraw-Hill 1998.

**SPANISH 1 C-1: intermediate Spanish 1 (15 CPs. Sem. I. Bu.)**

**SP1C1 Ms Isabel Moutinho**

This subject emphasises the skills of speaking and listening, while also attending to the development of reading and writing skills. The student will be involved in a wide range of language acquisition activities and will be exposed to the Spanish language and Hispanic culture through the written language, radio, TV and film.

The subject is available only to students who have some prior knowledge of Spanish, but who do not have VCE Spanish or equivalent. Intending students must consult with the co-ordinator prior to enrolment.

**Prerequisite:** Prior knowledge of Spanish and co-ordinator's approval.

**Co-requisite:** SP1C2.

**Class requirements:** three 1-hour practical language classes per week.

**Assessment:** written work (1,250-words equivalent) (35%), oral/aural work (1,250-words equivalent) (35%), one 1.5-hour end of semester written test (30%).

**Prescribed reading:**

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach*, 4th edn, McGraw-Hill 1998.

Terrell, Egasse, Muñoz. *Dos Mundos: a communicative approach - Cuaderno de trabajo B*, 4th edn, McGraw-Hill 1998.

**SPANISH 1 C-2: intermediate Spanish 2 (7.5 CPs. Sem. I. Bu.)**

**SP1C2 Ms Isabel Moutinho**

In this subject students will receive training in listening and speaking skills in Spanish. Listening activities constitute the core of the subject, and comprise materials from a diverse range of varieties and registers of Spanish. Students will work individually and in small groups on a range of activities and tasks involving comprehension and production of original materials. Much of this work will be done via the computer aided language laboratory and the audio language laboratory.

**Prerequisite:** Prior knowledge of Spanish and co-ordinator's approval.

**Co-requisite:** SP1C1.

**Incompatible subject:** Spanish 1C-1 in a previous year.

**Class requirements:** one 1-hour practical class and one 1-hour laboratory class per week.

**Assessment:** two 15-minute listening comprehension tests [mid-semester 25%; end of semester 35%] (60%), one 10 minute oral production test [end of semester] (30%), class participation (10%).

**SPANISH 1 C-3: intermediate Spanish 3 (15 CPs. Sem. II. Bu.)**

**SP1C3 Ms Isabel Moutinho**

This subject continues to emphasise performance in the skills of speaking, listening, reading and writing, but on a more advanced level than Spanish 1C-1 and Spanish 1C-2. It contains elements related to practical language acquisition and the study of Spanish and Latin American culture through film and text.

**Prerequisite:** SP1C1 and SP1C2 or co-ordinator's approval.

**Co-requisite:** SP1C4.

**Incompatible subject:** SP1C2 in a previous year.

**Class requirements:** three 1-hour practical language classes per week

**Assessment:** written work (1,500-words equivalent) (40%), oral/aural work (1,000-words equivalent) (30%), one 1.5-hour end of semester written test (30%).

**SPANISH 1 C-4: intermediate Spanish 4 (7.5 CPs. Sem. II. Bu.)**

**SP1C4 Ms Isabel Moutinho**

In this subject students will further develop listening and speaking skills in Spanish. Listening activities constitute the core of the subject, and comprise materials from a diverse range of varieties and registers of Spanish. Students will work individually and in small groups on a range of activities and tasks involving comprehension and production of original materials. Much of this work will be done via the computer aided language laboratory and the audio language laboratory.

**Prerequisite:** SP1C1, SP1C2 or coordinator's approval.

**Co-requisite:** SP1C3.

**Incompatible subject:** Spanish 1C-2 in a previous year.

**Class requirements:** one 1-hour practical class and one 1-hour laboratory class per week.

**Assessment:** two 15-minute listening comprehension tests [mid-semester 25%, end of semester 35%] (60%), one 10 minute oral production test [end of semester] (30%), class participation (10%).

### **SPANISH 2 A-1: advanced stream 1 (20 CPs. Sem. I. Bu.) SP2A1**

**Professor Roy Boland**

A more advanced subject for students with proficiency in Spanish. Emphasis is placed on developing the student's skills in distinguishing and handling various language registers in written, aural and particularly oral speech, while more advanced aspects of grammar and vocabulary are studied. Hispanic culture and literature are examined and discussed primarily through audio-visual and written material. One literary text is studied in depth within its socio-historical context.

**Prerequisite:** SP1A2, SP1C2 or coordinator's approval.

**Incompatible subject:** SP2A in a previous year.

**Class requirements:** one 2-hour practical language class and grammar, one 2-hour lecture/seminar and video viewing.

**Assessment:** class work, class tests, assignments and oral participation in all classes (60%), two 1,000-word essays (20%), and one 1.5-hour semester test (20%).

### **SPANISH 2 A-2: advanced stream 2 (20 CPs. Sem. II. Bu.) SP2A2**

**Professor Roy Boland**

This subject combines emphasis on further development of reading, writing, listening and particularly speaking skills with further study of Hispanic culture and literature. Literary texts are studied in depth within their socio-historical context.

**Prerequisite:** SP2A1, approved equivalent or coordinator's approval.

**Incompatible subject:** SP2A in a previous year.

**Class requirements:** one 2-hour practical language class and grammar, one 1-hour lecture/ seminar and video viewing.

**Assessment:** class work, class tests, assignments and oral participation in all classes (60%), two 1,000-word essays (20%), and one 1.5-hour semester test (20%).

### **SPANISH 2 B-1: beginners stream 1 (20 CPs. Sem. I. Bu.) SP2B1 Ms**

**Isabel Moutinho**

This subject is in many ways a continuation of Spanish 1 B-2. While emphasising the skills of speaking and listening, it attends to the development of reading and writing skills. The student is involved in a wide range of language acquisition activities and is exposed to the Spanish language and Hispanic culture through the written language, radio, video and cinema.

**Prerequisite:** SP1B2 or coordinator's approval.

**Incompatible subject:** SP2B in a previous year.

**Class requirements:** three 1-hour practical classes and one 1-hour tutorial per week.

**Assessment:** one 2-hour written examination (30%), written exercises (35%), aural comprehension and transcription exercises (15%), reading performance and comprehension (10%), and oral production (10%).

### **SPANISH 2 B-2: beginners stream 2 (20 CPs. Sem. II. Bu.) SP2B2 Ms**

**Isabel Moutinho**

This subject continues to emphasise performance in the skills of speaking, listening, reading and writing, but on a more advanced level than Spanish 2 B-1. It contains elements related to practical language acquisition and the study of Spanish and Latin American culture through film and text.

**Prerequisite:** SP2B1 or coordinator's approval.

**Incompatible subject:** SP2B in a previous year.

**Class requirements:** two 1-hour practical classes, one 1-hour tutorial and one 1-hour lecture per week.

**Assessment:** one 2-hour written examination (25%), written exercises (35%), one 1,000-word essay (10%), aural comprehension and transcription exercises (10%), reading performance and comprehension (10%), and oral production (10%).

### **SPANISH 2 C-1: intermediate stream (20 CPs. Sem. I. Bu.) SP2C1**

**Professor Roy Boland**

This subject combines the further development of language skills through a variety of activities, with the study of aspects of Spanish and Latin American culture and literary texts. Grammatical study is complemented by advanced practical oral work.

**Prerequisite:** SP1C2 or coordinator's approval.

**Incompatible subject:** SP2C in a previous year.

**Class requirements:** two 1-hour practical language classes and two 1-hour seminars.

**Assessment:** two 1,000-word essays (30%), class work and participation (50%), and one semester test (20%).

### **SPANISH 2 C-2: intermediate stream 2 (20 CPs. Sem. II. Bu.) SP2C2**

**Professor Roy Boland**

This subject combines the further development of language skills through a variety of activities with the study of aspects of Spanish and Latin American culture and literary texts. Grammatical study is complemented by advanced practical oral work.

**Prerequisite:** SP2C1 or coordinator's approval.

**Incompatible subject:** SP2C in a previous year.

**Class requirements:** two 1-hour practical language classes and two 1-hour seminars.

**Assessment:** two 1,000-word essays (30%), class work and participation (50%), and one semester test (20%).

### **SPANISH 2 LAC: Latin American Context (20 CPs. Sem. II. Bu.)**

**SP2LAC Dr Lilit Thwaites, Dr A. Baxter**

This subject is an introduction to the historical, political and cultural realities of Latin America. Attention focuses on such topics as the problematical relations between history, testimony and fiction, relations between Latin American countries and zones, the United States, Europe and other relevant areas and class, race and gender issues. In relation to these facets of Latin America, a range of written and audio-visual material is studied. Students who complete this subject should have an understanding of the historical, political, and cultural reality of Latin America.

**Prerequisite:** SP1A, SP2B, SP1C, or coordinator's approval.

**Class requirements:** one 1-hour lecture, one 1-hour tutorial and weekly film viewing.

**Assessment:** class participation, one 500-word written exercise (15%), one 1,500-word essay (30%), one 15-minute oral presentation (15%), one final test (30%), and class participation (10%).

### **SPANISH 2 LI: Spanish linguistics (20 CPs. Sem. II. Bu.) SP2LI Dr A.**

**Baxter**

This subject is an introduction to Spanish linguistics covering aspects of pronunciation, the formation of words and the basic sentence structures of Spanish. It is intended to provide the continuing student of Spanish with the basic analytical and descriptive tools essential to advanced language studies and language teaching. It will also make a significant contribution to the quality of the student's spoken Spanish.

**Prerequisite:** 30 credit points of first-year Linguistics and a C grade in SP1A, SP1B or SP1C or co-ordinator's approval.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** six 500-word assignments (60%), two 1-hour class tests (40%).

### **SPANISH 2 SAP: Spanish study abroad program (20 CPs. Summer.**

**Bu.) SP2SAP Professor Roy Boland**

The Spanish study abroad program is run under the auspices of the Prince of Asturias program organised in collaboration with Auckland and Monash universities. Students undertake an intensive four week language and cultural immersion program in Spain under agreements negotiated with the Complutense University of Madrid, the Xunta of Galicia, the Autonomous University of Barcelona and other tertiary and cultural institutions in Spain. The program is taught in Spain under the supervision of Professor Roy Boland. Students are responsible for their own personal expenses for travel and accommodation. Two Prince of Asturias scholarships of 25,000 pesetas each are available for La Trobe students enrolled in this subject. Students may apply for La Trobe language scholarships. Further information may be obtained from the coordinator.

**Prerequisite:** coordinator's approval.

**Class requirements:** four hours per day intensive language course in Spain for four weeks, one lecture, two hours of seminars per week for four weeks in Spain and compulsory cultural activities in Spain.

**Assessment:** three 15-minute, (750-word) seminar papers (30%), two 2,000-word assignments (60%), and class participation (10%).

### **Prescribed reading:**

*Cambio 16* (Spanish weekly).

*ABC, El Mundo, El País* (Spanish dailies).

### **SPANISH 2 SC: the Spanish context (20 CPs. Sem. I. Bu.) SP2SC**

**Professor Roy Boland**

The focus of this course is the present reality of Spain in its cultures and linguistic diversity, (including Galicia and Catalunya), the role of Spain in the modern world, the position of women in contemporary Spanish society and the historical background to the modern world (civil war, transition from dictatorship to democracy, the status of the

autonomies, particularly Galicia and Catalunya). In relation to these facets of Spain, a range of films, as well as texts and at least one painting, Guernica, are studied.

*Prerequisite:* SP1A, SP1B, SP1C or coordinator's approval.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* two 500-word essays (70%), one 15-minute oral presentation (15%), and participation (15%).

**SPANISH 3 B-1: beginners stream 1 (20 CPs. Sem. I. Bu.) SP3B1**

*Professor Roy Boland*

This subject combines the further development of language skills through a variety of activities, with the study of aspects of Spanish and Latin American culture and literary texts. Grammatical study is complemented by advanced practical oral work. Oral work is emphasised.

*Prerequisite:* SP2B2 or coordinator's approval.

*Class requirements:* two 1-hour practical language classes and two 1-hour seminars per week.

*Assessment:* two 1,000-word essays (30%), class work and oral participation (50%), and one semester test (20%).

**SPANISH 3 B-2: beginners stream 2 (20 CPs. Sem. II. Bu.) SP3B2**

*Professor Roy Boland*

This subject combines the further development of language skills through a variety of activities, with the study of aspects of Spanish and Latin American culture and literary texts. Grammatical study is complemented by advanced practical oral work. Oral work is emphasised.

*Prerequisite:* SP3B1 or coordinator's approval.

*Class requirements:* two 1-hour practical language classes and two 1-hour seminars per week.

*Assessment:* two 1,000-word essays (30%), class work and participation (50%), and one semester test (20%).

**SPANISH 3 AL: advanced language (20 CPs. Sem. I. Bu.) SP3AL**

*Dr Alan Baxter*

This is an advanced language oriented course which studies aspects of the Spanish language and its relationship to society, as seen through the news media and through film. Features of Peninsular and Latin American Spanish, including regional and social variation, register variation and ongoing changes in the contemporary language are studied. The subject has a strong practical orientation and is particularly relevant to students interested in advanced studies in Spanish and/or language teaching.

*Prerequisite:* SP2A2, SP2C2 or SP3B2 or coordinator's approval.

*Class requirements:* one 2-hour seminar per week and one 2-hour film or video screening per fortnight.

*Assessment:* four class exercises (10% each) one 2-hour mid-semester exam (20%), participation and performance diary (10%), one 3-hour final exam (30%).

**SPANISH 3 CW: contemporary women writers (20 CPs. Sem. I. Bu.)**

**SP3CW** *Dr Lilit Thwaites*

*Not available in 2000.*

**SPANISH 3 LAC Latin American context (20 CPs. Sem. II. Bu.)**

**SP3LAC** *Dr Lilit Thwaites and Dr Alan Baxter*

*See Spanish 2 LAC for full details.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SPANISH 3 LI: Spanish linguistic (20 CPs. Sem. II. Bu.) SP3LI**

*Dr A. Baxter*

*See Spanish 2 LI for full details.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SPANISH 3 LL: Latin American literature (20 CPs. Sem. I. Bu.)**

**SP3LL** *Professor Roy Boland*

This subject is concerned with the study and analysis of modern Latin American literature from the precursors of the 'boom' until the 'superstar' writers of the 'boom' and the new talents of the 'post-boom'. In addition to the works of such poets as Pablo Neruda and Ernesto Cardenal, certain works by García Márquez, Vargas Llosa, Manlio Argueta, and Luisa Valenzuela will be studied.

*Prerequisite:* SP2LAC/SP3LAC or coordinator's approval.

*Class requirements:* one 2-hour lecture or seminar and one 1-hour tutorial.

*Assessment:* class participation (10%), two 2,000-word essays (70%), one 20-minute class presentation (20%).

**SPANISH 3 RCA: reading course (20 CPs. Sem. I. Bu.) SP3RCA**

*Professor Roy Boland, Dr Alan Baxter*

This is a reading course on a topic of special interest to the student which may be taken only with the permission of the coordinator. There must be no substantial overlap with the content of an existing subject.

*Prerequisite:* coordinator's approval.

*Class requirements:* one 2-hour seminar or lecture per week.

*Assessment:* two 2,000-word essays (80%), and one 30-minute oral presentation (20%).

**SPANISH 3 RCB reading course (20 CPs. Sem. II. Bu.) SP3RCB**

*Dr Lilit Thwaites and Dr Alan Baxter*

This is a reading course on a topic of special interest to the student which may be taken with the permission of the coordinator. There must be no substantial overlap with the content of an existing subject.

*Prerequisite:* coordinator's approval.

*Class requirements:* one 2-hour seminar or lecture per week.

*Assessment:* two 2,000-word essays (80%), and one 30-minute oral presentation (20%).

**SPANISH 3 SAP: Spanish study abroad program (20 CPs. Summer. Bu.) SP3SAP**

*Professor Roy Boland*

*See Spanish 2 SAP for full details.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SPANISH 3 SC: the Spanish context (20 CPs. Sem. I. Bu.) SP3SC**

*Professor Roy Boland*

*See Spanish 2 SC for full details.*

*Assessment:* Third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**SPANISH 3 SD: Spanish dialectology (20 CPs. Sem. I. Bu.) SP3SD**

*Dr Alan Baxter*

*Not available in 2000.*

**SPANISH 3 TSL: twentieth century Spanish literature (20 CPs. Sem. II. Bu.) SP3TSL**

*Dr Lilit Thwaites*

The emphasis in this subject is on major developments in Spanish literature since 1936. Both narrative and dramatic works are studied, and attention is paid to the socio-historical context within which the authors are writing.

*Prerequisite:* Spanish 2 SC/3 SC, Spanish 3 CW, or co-ordinator's approval.

*Class requirements:* one 2-hour lecture or seminar, and one 1-hour tutorial per week.

*Assessment:* one 2,000-word essay (40%), one 1,500-word written exercise (25%), one 20-minute oral class presentation (25%), and class participation (10%).

**SPANISH 4 AL: advanced language (20 CPs. Sem. I. Bu.) SP4AL**

*Dr Alan Baxter*

*See Spanish 3 AL for full details.*

*Assessment:* Fourth year students will be expected to show a greater achievement of discipline specific skills in their written work than third year students.

**SPANISH 4 CW: contemporary women writers (20 CPs. Sem. I. Bu.)**

**SP4CW** *Dr Lilit Thwaites*

*Not available in 2000.*

**SPANISH 4 SD: Spanish dialectology (20 CPs. Sem. I. Bu.) SP4SDD**

*Dr Alan Baxter*

*Not available in 2000.*

**SPANISH 4 TSL: twentieth century Spanish literature (20 CPs. Sem. II. Bu.) SP4TSL**

*Dr Lilit Thwaites*

*See Spanish 3 TSL for full details.*

*Assessment:* Fourth year students will be expected to show a greater achievement of discipline specific skills in their written work than third year students.

**Theatre and Drama**

The Department of Theatre and Drama offers three introductory first year subjects and a range of second and third year subjects.

Theatre and drama subjects include a variety of disciplinary approaches, some of which are, theatre theory, performance, theatre history, dramatic literature, genre studies and criticism. There is some opportunity for performance-making and theatre production. While the Department's offerings are not intended as theatre arts training, many of its subjects include a substantial component of practical work.



Play-going is an important part of all drama subjects and reviews of performances seen are part of the required written work. Intending students should note that some additional expenditure is required for some six to eight stipulated performances during the year.

Block bookings are sometimes arranged and accordingly prices are as low as possible. Further information about all aspects of theatre and drama subjects is available in theatre and drama course brochures obtainable from the Department.

### Selection of students into first year drama subjects

There is a strict quota on enrolments in Drama 1 TKP, Drama 1 PBP and Drama 1 CAT, with three basic criteria for selection. These are academic competence, proven interest in and/or aptitude for theatre studies and commitment to the subjects.

All students are asked to complete a questionnaire at the time of enrolment. Final selection is based on tertiary entrance rank, the questionnaire and a short interview. Applicants will be informed of their status as soon as possible after selection is completed. Unsuccessful applicants must formally vary their enrolment to delete the first year drama subjects.

### Quotas in later year subjects

All enrolments are subject to quota and unless otherwise stated in the subject description, quota places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

### Presentations

In Drama 1 PBP and several other subjects, students are required to prepare, in small groups, selected scenes from plays or group-devised scripts for performance to and subsequent discussion with, other students taking the subject. These non-public performances are called presentations and students can contribute to them in non-performing capacities if they wish, but the presentations are a required part of the class-work. Owing to time-tabling difficulties, it is normally necessary for students to attend on one or more evenings or weekend days during the semester for the presentations. Precise information will be given at the beginning of each subject.

### Assessment

Assessment in drama maintains a balance between the reflective and practical aspects of the discipline, with the emphasis on written work. In all drama subjects, students must pass the written work component in order to pass the subject.

Contributions to workshops, seminars and presentations can count for up to one-third of the assessment. This component includes, not only the practical activity itself, but also preparation (including required reading) and discussion.

Attendance at workshops and seminars is obligatory. Repeated absences without acceptable reasons will result in failure. There is always provision for special consideration and for consultation over the assessment of individual students.

### Programs of study

Students who wish to satisfy the requirements for the degree with a major in drama must complete 150 credit points, with at least 80 credit points at third year level, as follows.

Drama 1 TKP (15 credit points) and Drama 1 PBP (15 credit points) and/or Drama 1 CAT (15 credit points) or approved equivalent, plus a minimum of 120 credit points from second/third year drama subjects. The second/third year drama subjects must normally include at least:

- 20 credit points in modern drama (2AUS/3AUS, 2JTB/3JTB, 2MOA/3MOA)
- 20 credit points in earlier drama (2SIP/3SIP, 2JTA/3JTA, 2EAD/3EAD)
- 20 credit points in theory (2MOB/3MOB, 2WIT/3WIT, 2THT/3THT)

205 credit points is the maximum number of credit points permissible per discipline within the degree. In special circumstances, students may arrange to major jointly in two of the disciplines offered within the School of Arts and Media without completing two, third year subjects in both disciplines. Permission is required from the department heads of both disciplines and the Faculty Office.

An enrolment which involves significant overlap with subjects in another School needs to be approved by the Head of that School. All subjects are offered subject to staff availability.

### First year subjects

15 credit points

#### Sem.

- 1 Drama 1 TKP: theatre knowledges and practice
- 2 Drama 1 CAT: contemporary Australian theatre
- 2 Drama 1 PBP: process based performance

### Second year subjects

10 credit points

- 1 Drama 2 WSD: women's drama – social identity in plays/performance texts<sup>1</sup>
- 2 Drama 2 DTP: directing in theory and practice

### Second year subjects

20 credit points

- 1 Drama 2 AUS: Australian drama from 1955 to the present day
- 1 Drama 2 EAD: European and Asian drama
- 1 Drama 2 JTA: Japanese theatre A: traditional
- 1 Drama 2 MOA: modern drama A<sup>1</sup>
- 1 Drama 2 SIP: Shakespeare in performance
- 1 Drama 2 WIT: women in theatre<sup>1</sup>
- 2 Drama 2 JTB: Japanese theatre B: modern
- 2 Drama 2 MOB: modern drama B
- 2 Drama 2 PM: drama performance making – part 1
- 2 Drama 2 PPS: persuasion and public speech
- 2 Drama 2 THT: theory and theatre

### Second year subject

30 credit points

- 1 Drama 2TP: theatre production

### Third year subjects

10 credit points

- 1 Drama 3 WSD: women's drama – social identity in plays/performance texts<sup>1</sup>
- 2 Drama 3 DTP: directing in theory and practice

### Third year subjects

20 credit points

- 1 Drama 3 AUS: Australian drama from 1955 to the present day
- 1 Drama 3 EAD: European and Asian drama
- 1 Drama 3 JTA: Japanese theatre A: traditional
- 1 Drama 3 MOA: modern drama A<sup>1</sup>
- 1 Drama 3 SIP: Shakespeare in performance
- 1 Drama 3 WIT: women in theatre<sup>1</sup>
- 2 Drama 3 JTB: Japanese theatre B: modern
- 2 Drama 3 MOB: modern drama B
- 2 Drama 3 PMA: drama performance making – part 2
- 2 Drama 3 PPS: persuasion and public speech
- 2 Drama 3 THT: theory and theatre

### Third year subject

30 credit points

- 1 Drama 3TP: theatre production
- 2 Drama 3 PRO: group production or individual research project

Key: <sup>1</sup> Not available in 2000.

### Honours

Students are admitted into the honours program on the basis of the completion of requirements for a major in Theatre and Drama. There are two options in the honours program: (a) three course-work subjects and a dissertation of 12,000-words; (b) two course-work subjects and a studio performance/dissertation 8,000 words.

Interested students are encouraged to consult the co-ordinator. A pamphlet offering a detailed description of the honours course is available from the department.

### Fourth year subjects

20 credit points

- 1 Drama 4 MJT: other worlds: modern Japanese and Western theatre
- 1 Drama 4 TRC: theatre reflecting its community in Australia
- 2 Drama 4 BAP: the body as performance

Key: <sup>1</sup> Not available in 2000.

### Subject descriptions

**DRAMA 1 CAT: contemporary Australian theatre (15 CPs. Sem. II. Bu.)** DR1CAT Mr Geoffrey Milne

In this subject students are introduced to a wide range of different aspects of contemporary Australian theatre through a programme of professional and community theatre-going and selected critical reading. The seminars and assignments focus on mainstream, alternative and fringe theatre, young people's theatre, community theatre and physical and visual theatre together with funding policy, national repertoire and some consideration of the theatres' social context. Students develop particular skills in theatre criticism.

**Quota:** 80. Selection based on TER questionnaire and interview.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one 1,000-word theatre review (20%), one 2,000-word assignment (50%), one 1-hour class test (20%), classwork (10%).

### Prescribed reading:

Kelly, V. (ed.) *Our Australian theatre in the 90s*, Rodopi 1998.

**DRAMA 1 PBP: process based performance (15 CPs. Sem. II. Bu., Aw.)** DR1PBP Dr Peta Tait

In this subject students will engage in theatre practice and undertake a range of different performance processes. These will involve the development of group presentations in a range of contexts, including group-devised performance as well as play script interpretation.



leading to studio performance to an invited audience. This provides introductory foundation skills in performance, theatre production, performance-audience interactions, group-devised scripts, design and technical operation. Students will be expected to analyse and write about the elements of professional theatre productions that correspond with their own production work through theatre reviewing.

**Prerequisite:** DR1TKP.

**Quota:** 80. Implementation based on assessment in DR1TKP.

**Class requirements:** two 2-hour workshops.

**Assessment:** practical work and three performances (80%), one 800-word review of two productions (20%).

**Preliminary reading:**

Clements, P. *The improvised play*, Methuen 1983.

**DRAMA 1 TKP: theatre knowledges and practice (15 CPs. Sem. I. Bu. Aw.) DR1TKP Mr Geoffrey Milne**

In this subject, students are introduced to theatre and its knowledges, acting theory, theatre history and dramatic criticism. Studies of the actor, director, playwright, and critic and their work in theatre companies, will be approached using well-known examples from twentieth century theatre history and practice. Knowledges of theatre involve understanding its dynamic and interactive processes and the considerable changes in professional roles over time. While the focus is on the dominant forms of modern western theatre, consideration will be given to challenges from the innovative work of contemporary Australian and overseas practitioners.

**Quota:** 120. Selection based on TER questionnaire and interview.

**Class requirements:** one 1-hour lecture and one 2-hour seminar/workshop.

**Assessment:** one 1,000-word theatre review (30%), one 2,000-word research essay (40%), one 500-word bibliographic exercise (10%), one 30-minute class test (10%), and class work (10%).

**Prescribed reading:**

Braun, E. *The director and the stage*, Methuen 1983.

**DRAMA 2 AUS: Australian drama from 1955 to the present day (20 CPs. Sem. I. Bu. Aw.) DR2AUS Mr Geoffrey Milne**

This is a study of the development of Australian drama and theatre over the last 40 years, in the context of past and current policy and practice in the professional theatre. Students are engaged upon course-work based on a representative selection of texts from the period and Australian plays in performance.

**Prerequisite:** DR1 or equivalent.

**Quota:** 30. Places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

**Class requirements:** one 2-hour lecture or seminar and one 3-hour workshop per week. Students are expected to attend a number of theatre performances in Melbourne during the year.

**Assessment:** one 1,000-word performance review exercise (10%), one seminar presentation (20%), one 2,500 to 3,000-word essay (40%), and class contributions (30%).

**Preliminary reading:**

Carroll, D. *Australian contemporary drama*, (rev. edn) Currency 1995.

Holloway, P. (ed.) *Contemporary Australian drama*, Currency 1987.

Radic, L. *The state of play*, Penguin 1991.

**Prescribed reading:**

Lawler, R. *Summer of the seventeenth doll*, Currency 1978.

Brisbane, K. (ed.) *Plays of the 70s*, Currency 1998.

Brisbane, K. (ed.) *Australia plays: new Australian drama*, Nick Hern Books 1989 (for *Travelling north*, *No sugar*, *The rivers of China* and *The golden age*).

Hewett, D. *The man from Mukinupin*, Currency 1980.

Hewett, D. *This old man comes rolling home*, Currency 1976.

Davis, J. et al. *Plays from black Australia*, Currency 1989.

Sewell, S. *Traitors*, Currency 1997.

Nowra, L. *Visions*, Currency 1979.

Lyssiotis, T. *A white sportscoat and other plays*, Currency, 1996.

Rayson, H. *Room to move*, Yackandandah 1985.

**DRAMA 2 DTP: directing in theory and practice (10 CPs. Sem. II. Bu.) DR2DTP Mr Geoffrey Milne**

In this subject a detailed examination is made of the theatre theories of six influential twentieth century directors and a comparative analysis of their ideas as they translate into practice. The theorists studied range from those interested in scenography (like Craig) to those more performer-oriented (like Artaud) or concerned with the playwright (like Boal) The directors on the course will vary from year to year but will include figures such as: Meyerhold, Brecht (as a

director) Jessner, Reinhardt, Artaud, Copeau, Mnouchkine, Craig, Appia, Wagner, Boal, Grotowski, Schechner, Brook, Kantor and Wilson.

**Prerequisite:** DR1 or equivalent.

**Incompatible subject:** DR2THT, DR3THT.

**Class requirements:** one 1-hour lecture and one 2-hour seminar for seven weeks in the first half of semester II.

**Assessment:** one 1,000-word essay (35%), one 1,500-word essay (55%), class contribution (10%).

**Preliminary reading:**

Bentley, E. *The theory of the modern stage*, Penguin 1968.

**Prescribed reading:**

Artaud, A. *The theatre and its double*, Calder & Boyers 1974.

Grotowski, J. *Towards a poor theatre*, Methuen 1969.

Schechner, R. *Between theatre and anthropology*, Pennsylvania Press 1985.

Appia, A. *Music and the art of the theatre*, University of Miami Press 1962.

Symons, A. *The ideas of Richard Wagner in The theory of the modern stage*, Penguin 1968.

Craig, E.G. *On the art of the theatre*, Theatre Arts Books 1956.

Boal, A. *The theatre of the oppressed*, Urizen Books 1979.

**DRAMA 2 EAD: European and Asian drama (20 CPs. Sem. I. Bu.) DR2EAD Dr Ian Carruthers**

In this subject we survey a range of modern and pre-modern European and Asian plays, forms (tragic, comic, poetic, realist) themes, (class, gender) and some of their adaptations East and West in this century. For example, Brecht's socialist didactic plays 'He Who Says Yes/No' are based on Zenchiku's esoteric Buddhist Noh play 'Taniko', Hsia Yen's 'Under Shanghai Eves' adapts the forms and themes of Russian realism to contemporary Chinese needs, Suzuki transforms European classics like 'Trojan Women' into new theatrical syntheses of traditional and modern, Japanese and European elements, and Peter Brook adapts 'The Mahabharata'.

**Prerequisite:** Completed first year.

**Quota:** 30. Places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

**Class requirements:** one 2-hour lecture/seminar and one 2-hour workshop per week.

**Assessment:** one 2,000-word minor essay (30%), one 3,000-word major essay (40%), tutorial participation (10%), workshop participation (20%).

**Prescribed reading:**

Euripides. *The Trojan women in The Bacchae and other plays*, trans. Philip Vellacott, Penguin 1973.

Molière. *The hypochondriac*, in *Molière: five plays*, Methuen 1982.

Lorca, F. G. *The house of Bernarda Alba*, Penguin 1961.

Brecht, B. *He who says yes and He who says no in The measures taken and other Lehrstücke*, Methuen 1977.

Fo, D. *Mistero Buffo*, trans. Ed Emery, Methuen 1988.

Kuan Han-ch'ing. *The injustice done to Tou Ngo in Six Yuan plays*, trans. Liu Jung-en, Penguin 1972.

Hsia Yen. *Under Shanghai eves in Twentieth century Chinese drama: an anthology*, Edward Gunn (ed.) Indiana UP 1983.

Komparu, Z. *Taniko (The valley-hurling) in The Noh plays of Japan*, trans. Arthur Waley, George, Allen & Unwin 1921.

Chikamatsu, M. *Love suicides at Sonezaki in Anthology of Japanese literature*, Donald Keene (ed.) Tuttle 1956.

Noer, A. *Moths*, trans. Harry Aveling, Dewa Bahasa Dan Pustaka 1974.

(Video extracts of relevant productions will also be screened on a weekly basis).

**DRAMA 2 JTA: Japanese theatre A (20 CPs. Sem. I. Bu.) DR2JTA Dr Ian Carruthers**

Students study traditional Japanese theatre forms in the sequence of their historical development: noh (tragedy) kyogen (comedy) bunraku (puppetry) and kabuki (popular melodrama) In seminars, consideration is given to the historical, political, social, religious and aesthetic contexts of these forms, the conventions of staging and performance, the plays as dramatic literature and the effect of Japan's unique iemoto system of training methods, financial structuring and social etiquette. A variety of disciplines are applied – theatre history, textual criticism, theatre anthropology and performance studies, among others. Films and videos of noh, kyogen, bunraku and kabuki performances are screened regularly for discussion and practical workshops offered in noh, kabuki and puppetry.

**Prerequisite:** DR1 or equivalent or any Asian studies subject.

**Quota:** 30. Places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

**Class requirements:** one 3-hour seminar and one 2-hour workshop per week.

**Assessment:** one 1,500-word paper (20%), one 3,500-word paper (60%), and seminar/workshop participation (20%).

**Preliminary reading:**

Varley, H. P. *Japanese culture*, Hawaii UP, 1984.

**Prescribed reading:**

Keene, D. *Anthology of Japanese literature* (for Kyogen, Noh and Bunraku plays) Penguin, 1968.

Keene, D. *Noh and bunraku*, Columbia UP, 1990.

Subject booklets on *noh*, *kyogen*, *bunraku* and *kabuki*.

**DRAMA 2 JTB: Japanese theatre B (20 CPs. Sem. II. Bu.) DR2JTB Dr Ian Carruthers**

This subject follows on from Drama 2 JTA, but does not presuppose knowledge of it. (An introduction to traditional Japanese theatre is given in the first week of Drama 2 JTB.) The modern forms of Japanese theatre are studied in the sequence of their historical development, shingeki (Western-influenced naturalism) butoh (avant-garde dance theatre) and fusion theatre (using cross-cultural forms). In seminars consideration is given to the historical, political, social, religious and aesthetic contexts of these forms, to the conventions of staging and performance and to the plays as dramatic literature. A variety of disciplines are applied – theatre history, textual criticism, theatre anthropology and performance studies, among others. Films and videos of performances are screened regularly for discussion, and practical workshops offered in butoh and Suzuki method.

**Prerequisite:** DR1 or equivalent or any Asian studies subject.

**Quota:** 30. Places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

**Class requirements:** one 2-hour seminar and one 3-hour workshop per week.

**Assessment:** one 1,500-word paper (20%), one 3,500-word paper (50%), and seminar/workshop participation (30%).

**Prescribed reading:**

Mishima, Y. *Five modern noh plays*, trans. D. Keene, Alfred A. Knopf, 1957.

Suzuki, T. *The way of acting*, trans. J. T. Rimer, Theatre Communications Group Inc., 1986.

Subject booklets on *shingeki*, *butoh* and *fusion*.

**DRAMA 2 MOA: modern drama A: modern drama and acting identity (20 CPs. Sem. I. Bu.) DR2MOA Dr Peta Tait**

Not available in 2000.

**DRAMA 2 MOB: modern drama B: modernism to postmodernism in drama (20 CPs. Sem. II. Bu.) DR2MOB Dr Peta Tait**

Modernism in theatre was evident in the search for new forms and the rejection of the past. Symbolism and expressionism are considered as the forerunners to 20th century avant-garde theatre. Modernism in drama is studied in the work of Maeterlinck, Strindberg, Pirandello and Beckett. In contrast to modernism, post-modernism restages and problematises the past and these approaches are explored in the performance texts of Müller, Churchill and Duras. The subject is taught through a combination of theatre history, written texts, Australian performance and class exercises. Students are encouraged to read widely.

**Prerequisite:** DR1 or equivalent.

**Incompatible subject:** DR2EAA/DR3EAA prior to 1995.

**Quota:** 30. Places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

**Class requirements:** one 3-hour lecture or seminar with some practical exercises.

**Assessment:** one 2,500-word essay (50%), one practical exercise (20%), one theatre critique 500-words (10%), and contribution to class-work (20%).

**Preliminary reading:**

Styan, J. L. *Modern drama in theory and practice*, Vols 2 and 3, Methuen 1983.

**Prescribed reading:**

Worthen, W. B. (ed.) *Modern drama: plays/criticism/theory*, Harcourt Brace College Publishers 1995.

**DRAMA 2 PM: drama performance making – part 1 (20 CPs. Sem. II. Bu. Aw.) DR2PM Ms Meredith Rogers**

This subject is intended to develop and enhance students skills in performance and performance-making. Class-work will cover aspects of voice, movement and improvisation. The main focus of the subject is the generation of performance text based on some of the following: music-theatre, visual and design-based performance work, physical transformational performance techniques and the study of a range of performance languages. Collaboration with students in other disciplines is strongly encouraged.

**Prerequisite:** DR1 or equivalent.

**Co-requisite:** any approved DR2/DR3 subject.

**Quota:** 20. With places filled on the basis of lecturers' recommendations and audition and interview in first semester.

**Class requirements:** three 2-hour practical workshops per week.

**Assessment:** log-book and 1,500-word exercise (33%), practical work (67%).

**DRAMA 2 PPS: persuasion and public speech (20 CPs. Sem. II. Bu.) DR2PPS Mr Bruce Williams**

This is a workshop-based subject with three aims. The first aim provides training in public speaking and for other situations, such as debate and discussion, which call for confident, organised, informed and persuasive speech. Understanding of the techniques and principles involved and the skills of critical listening are developed. Students analyse examples of public speech, live, recorded and written. Material for analysis is drawn from a variety of discourses and periods and is chosen to engage with the particular disciplinary interests of the group. The third aim is to introduce some theoretical reflections on persuasive speech. There is a brief outline of classical rhetoric and some attention to recent theorists of what has been called 'the new rhetoric'.

**Quota:** 36. With preference given to students majoring in Theatre and Drama, otherwise, on a first-in, first-served basis, with an allocation for each day of enrolment.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** three 5 to 10-minute formal speeches (45%), one 1,500-word written exercise (25%), one written test (15%), class contributions to practical exercises and discussion (15%).

**Preliminary reading:**

Nash, W. *Rhetoric: the wit of persuasion*, Oxford 1989.

**Prescribed reading:**

MacArthur, B. (ed.) *The Penguin book of twentieth-century speeches*, Penguin 1993.

**DRAMA 2 SIP: Shakespeare in performance (20 CPs. Sem. I. Bu.) DR2SIP Mr Geoffrey Milne**

It is intended that students develop both a critical and a practical understanding of Shakespeare in performance through intensive analysis of five Shakespeare plays. A range of special issues bearing on the performance of Shakespeare (and much classic drama) in Australian theatre are addressed. These include issues of actor-training (voice-cultivation, movement, use of stage) verse-speaking, character-building and issues of historical, cultural and intercultural contextualisation.

**Prerequisite:** DR1 or equivalent.

**Quota:** 30. Places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

**Class requirements:** one 1-hour lecture, one 1-hour seminar and one 3-hour workshop per week.

**Assessment:** one 2,000-word essay (40%), one 1,000-word review (10%), one 1,000-word analytical exercise (20%), and contributions to class-work (30%).

**Prescribed reading:**

Shakespeare W. *Romeo and Juliet*, New Penguin 1970.

Shakespeare W. *Othello*, New Cambridge 1989.

Shakespeare W. *The tempest*, New Penguin Shakespeare 1968.

Shakespeare W. *Hamlet*, New Penguin Shakespeare 1980.

Shakespeare W. *As you like it*, New Penguin Shakespeare.

**DRAMA 2 THT: theory and theatre (20 CPs. Sem. II. Bu.) DR2THT Mr Geoffrey Milne**

This subject is a survey of a variety of theories of drama and the theatre, bringing together older and more recent writing on audiences, dramatic processes, playwrights and performers. The aesthetic theories of Plato and Aristotle, for example, are contrasted with more recent empirical work, together with a study of different performance genres, alternative acting theories and various approaches to

dramatic analysis. In any given year, these may be drawn from design and spatial theory, semiotics, gender theory, reception theory and notions of authorship, together with particular attention to influential practitioners like Appia, Artaud, Brecht, Grotowski, Meyerhold, Schechner and Suzuki.

**Prerequisite:** DR1 or equivalent.

**Incompatible subject:** Drama 2 DTP.

**Quota:** 60. Places are distributed evenly over the re-enrolment period, with preference on each day being given to students completing their degrees in the year of enrolment.

**Class requirements:** one 1-hour lecture and one 2-hour seminar each week.

**Assessment:** two 1,250-word exercises (20% each) one 2,500-word essay (50%), and contributions to class discussion (10%).

**Prescribed reading:**

Counsell, C. *Signs of performance: an introduction to twentieth-century theatre*, Routledge 1996.

**DRAMA 2 TP: theatre production (30 CPs. Sem. I. Bu.) DR2TP Ms Meredith Rogers**

In this subject students have the opportunity to explore, through intensive practice, a particular area within their academic study of theatre and drama. The focus is a production for public performance, chosen and directed by the subject coordinator, from the field of study of another drama subject. Enrolling students are required to contract for a particular role and responsibility in the project, with the aim of forming an ensemble. There are usually eight to ten public performances.

**Prerequisite:** DR1 or equivalent.

**Quota:** 20. Quota administered by audition and/or interview.

**Class requirements:** three 3-hour rehearsals plus at least four additional hours each week with lecturer/director in rehearsal and/or production work.

**Assessment:** practical contribution to project (60%), one 1,000-word research exercise, one 2,000-word log book and report (40%).

**DRAMA 2 WIT: women in theatre (20 CPs. Sem. I. Bu.) DR2WIT Dr Peta Tait.**

Not available in 2000.

**DRAMA 2 WSD: women's drama – social identity in plays/performance texts (10 CPs. Sem. I. Bu.) DR2WSD Dr Peta Tait.**

Not available in 2000.

**DRAMA 3 AUS: Australian drama from 1955 to the present day (20 CPs. Sem. I. Bu.) DR3AUS Mr Geoffrey Milne**

See Drama 2 AUS for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 DTP: directing in theory and practice (10 CPs. Sem. I. Bu.) DR3DTP Mr Geoffrey Milne**

See Drama 2 DTP for full subject description.

**Incompatible subject:** Drama 3 THT.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 EAD: European and Asian drama (20 CPs. Sem. I. Bu.) DR3EAD Dr Ian Carruthers**

See Drama 2 EAD for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 JTA: Japanese theatre A (20 CPs. Sem. I. Bu.) DR3JTA Dr Ian Carruthers**

See Drama 2 JTA for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 JTB: Japanese theatre B (20 CPs. Sem. II. Bu.) DR3JTB Dr Ian Carruthers**

See Drama 2 JTB for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 MOA: modern drama A: modern drama and acting identity (20 CPs. Sem. I. Bu.) DR3MOA Dr Peta Tait.**

Not available in 2000.

**DRAMA 3 MOB: modern drama B: modernism to postmodernism in drama (20 CPs. Sem. II. Bu.) DR3MOB Dr Peta Tait**

See Drama 2 MOB for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 PMA: drama performance making – part 2 (20 CPs. Sem. II. Bu.) DR3PMA Ms Meredith Rogers**

This subject is aimed specifically at students interested in directing for the theatre and is intended to develop and extend the skills in performance making acquired through Drama 2 PM by giving students the opportunity for individual, self-directed work. In this sense it is similar to an independent studies program.

Students undertaking the subject research, devise and present solo or small group performance pieces. Students wishing to take Drama 3 PM must have demonstrated a capacity for independent creative work. A project proposal must be submitted in the last week of semester one and a contract negotiated with the coordinator before the commencement of the second semester. Collaboration with students in other disciplines is strongly encouraged.

**Prerequisite:** DR2PM or equivalent.

**Co-requisite:** any approved Drama 2/3 subject.

**Quota:** places are strictly limited and allocated on the basis of the lecturer's approval.

**Class requirements:** three 2-hour practical workshops per week, plus weekly consultations with the coordinator.

**Assessment:** log book and 1,500-word exercise (33%), and practical work (67%).

**DRAMA 3 PPS: persuasion and public speech (20 CPs. Sem. II. Bu.) DR3PPS Mr Bruce Williams**

See Drama 2 PPS for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 PRO: group production or individual research project (30 CPs. Sem. II. Bu.) DR3PRO Mr Geoffrey Milne**

In this subject students develop and complete a full-length group production based on an existing contemporary Australian drama script and assume the roles associated with the professional theatre industry. Students will perform for a public audience either on campus or in the community. Alternatively, students may undertake a research project into the work of one of or more Australian dramatists.

**Prerequisite:** DR2AUS/DR3AUS.

**Quota:** 24. Selection based on completion of DR2AUS or DR3AUS; interview.

**Class requirements:** three 3-hour workshops, regular meetings with staff, public performance.

**Assessment:** practical work on project (60%), and one 3,000-word Log-Book and production report (40%).

**DRAMA 3 SIP: Shakespeare in performance (20 CPs. Sem. I. Bu.) DR3SIP Mr Geoffrey Milne**

See Drama 2 SIP for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 THT: theory and theatre (20 CPs. Sem. II. Bu.) DR3THT Mr Geoffrey Milne**

See Drama 2 THT for full subject description.

**Incompatible subject:** Drama 3 DTP.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 TP: theatre production (30 CPs. Sem. II. Bu.) DR3TP Ms Meredith Rogers**

See Drama 2 TP for full subject description.

**Assessment:** third year students will be expected to show a greater achievement of discipline specific skills in their written work than second year students.

**DRAMA 3 WIT: women in theatre (20 CPs. Sem. I. Bu.) DR3WIT Dr Peta Tait.**

Not available in 2000.

**DRAMA 3 WSD: women's drama – social identity in plays/performance texts (10 CPs. Sem. I. Bu.) DR3WSD Dr Peta Tait.**

Not available in 2000.

## Women's Studies

The Women's Studies Program provides students with an opportunity to explore the significance of sex and gender in relation to knowledge, practice and social structure. As a field of inquiry, Women's Studies emerged in the 1970s to redress the absence of women and women-related issues in traditional scholarship. Today, the focus of Women's Studies has expanded to include consideration of the complex interrelationships which exist between sex, femininity, masculinity and other social characteristics, such as sexuality, ethnicity, race, class and age. As an interdisciplinary program, Women's Studies draws upon a diverse range of disciplinary perspectives and feminist thought in order to foster critical analysis and debate in respect to contemporary gender relations. Students may enrol in a major or minor in women's studies or in individual subjects.

### Programs of study

Students who wish to satisfy the requirements for the degree with a major in Women's Studies must complete 150 credit points in the area, including 80 credit points at third year level. A major in Women's Studies can be commenced at first or second year and must include at least four core subjects, at least three of which should be taken at second or third year level. The Women's Studies core subjects are: Women's Studies 1 SGSA: sex, gender and identity, Women's Studies 1 SGSB: sex, gender and diversity, Philosophy 2 CFT-1/3 CFT-1: contemporary feminist thought - Part 1, English 2 CFT-2/3 CFT-2: contemporary feminist thought - Part 2, History 2 GRA/3 GRA: gender relations in Australian society and Women's Studies 2 SCC/3 SCC: sexuality: construct, critique and culture. Women's Studies 1 SGSA and Women's Studies 1 SGSB are offered as introductory subjects and are usually undertaken by students commencing a degree.

All students majoring in Women's Studies are required to undertake Philosophy CFT-1 and are encouraged to enrol in this subject at second year level.

Most subjects accredited as part of the Women's Studies Program may be taken without the usual disciplinary prerequisite, however students wishing to do this must usually have completed or be concurrently enrolled in at least one of the Women's Studies core subjects.

### First year subjects

**15 credit points**

#### Sem.

- 1 Women's Studies 1 SGSA: sex, gender and identity: an introduction to women's studies A<sup>1</sup>
- 2 Women's Studies 1 SGSB: sex, gender and diversity: an introduction to women's studies B<sup>1</sup>

### Second or third year subjects

**20 credit points**

- 1 Anthropology 2 GSA/3 GSA: gender, sexuality and family: comparative perspectives
- 1 Art History 2/3 FAI: fashion, art, and identity
- 1 Drama 2 WIT/3 WIT: women in theatre<sup>2</sup>
- 1 Education EDGD 627: women, psychology and psychologists
- 1 English 2 SAA/3 SAA: seeing 'Asia': Australian constructions<sup>2</sup>
- 1 English 2 WWA/3 WWA: women writing A<sup>2</sup>
- 1 European Studies 2 CEW/3 CEW: changing lives: contemporary European women writers<sup>2</sup>
- 1 Legal Studies 2 CSV/3 CSV: crime, sex and violence
- 1 Legal Studies 2 DL/3 DL: discrimination and the law
- 1 Media Studies 2 SM/3 SM: sex and the media
- 1 Philosophy 2 CFT-1/3 CFT-1: contemporary feminist thought - part 1<sup>1</sup>
- 1 Philosophy 2 DBK/3 DBK: discourse, body, knowledge
- 1 Philosophy 2 NSP/3 NSP: nature, self and sense of place<sup>2</sup>
- 1 Philosophy 2 SP/3 SP: structuralism and poststructuralism<sup>2</sup>
- 1 Sociology 2 FC/3 FC: families and change
- 1 Sociology 2 GW/3 GW: sociology of gender and work
- 1 Women's Studies 2 SCC/3 SCC: sexuality: construct, critique and culture
- 1 Women's Studies 2 WAE/3 WAE: women and economics
- 2 Chinese 2 GBC/3 GBC: gender and the body: the Chinese experience
- 2 Cinema Studies 2 GSP/3 GSP: gender and spectatorship<sup>2</sup>
- 2 English 2 CFT-2/3 CFT-2: contemporary feminist thought - part 2<sup>1,2</sup>
- 2 English 2 RM/3 RM: resituating modernism: colonial and post-independence contexts
- 2 History 2 BLN/3 BLN: Britain in the late nineteenth century: class, race and gender<sup>2</sup>
- 2 History 2 GAW/3 GAW: gender and war: Australian perspectives<sup>2</sup>
- 2 History 2 GRA/3 GRA: gender relations in Australian society<sup>1</sup>
- 2 History 2 TCA/3 TCA: welfare in 20th century Australia<sup>2</sup>
- 2 Legal Studies 2 CIC/3 CIC: critical issues in criminology<sup>2</sup>
- 2 Legal Studies 2 CSP/3 CSP: crime, sex and punishment
- 2 Legal Studies 2 GLI/3 GLI: gender, law and interpretation

- 2 Legal Studies 2/3 LSE: law and the search for equality
- 2 Sociology 2 EL/3 EL: sociology and everyday life
- 2 Sociology 2 GSB/3 GSB: construction of gender and sexuality: contemporary debates
- 2 Sociology 2 SPF/3 SPF: contesting social policy: the feminist challenge

### Third year subjects

**20 credit points**

- 1 Spanish 3 CW: contemporary women writers of Spain<sup>2</sup>
- 1/2 Women's Studies 3 RC: reading course

Key: <sup>1</sup> Core subjects. <sup>2</sup> Not available in 2000.

### Honours

Qualified students may enrol in the fourth year honours program in Women's Studies. Students may enrol in honours solely in Women's Studies, or combine it with honours in another discipline. To qualify for admission to honours, students must normally have completed the pass degree with a major in Women's Studies and have obtained an average grade of B in relevant subjects. Students who do not have a B average should consult the honours coordinator and may be considered for admission. Inquiries about the honours program may be directed to the Women's Studies honours coordinator. Students undertaking honours are required to complete two course-work subjects (20% each) and a 12,000 to 15,000-word thesis (50%). Attendance at the general fortnightly Women's Studies Honours seminar is compulsory. A 3,000 word essay will be submitted as a part of this seminar. This is worth 10% of the final result.

### Subject descriptions

#### WOMEN'S STUDIES 1 SGSA: sex, gender and identity: an introduction to women's studies A (15 CPs. Sem. I. Bu.) WS1SGSA

This is an introduction to Women's Studies, its basic aims, focus, concepts and methodologies. In this subject students are also introduced to contemporary debates about women and men, focussing on topics such as the family, images of gender, the body and employment. Issues such as single parenting, fashion, sexual harassment and anorexia are addressed to open up larger themes. Students are presented with a variety of media images, stories, film and other representations and asked to consider the terms in which these might be understood. In this way the basic conceptual language of Women's Studies, ideas about conditioning, sex roles, subjectivity, gender, the sexual division of labour and representation are introduced. *Class requirements:* one 2-hour lecture and one 1-hour tutorial. *Assessment:* one 700-word paper (10%), one 1,800-word research essay (45%), one 1,500-word reflective essay (40%), tutorial participation (5%).

#### Recommended reading:

Beasley, C. *What is feminism anyway? Understanding contemporary feminist thought*, Allen and Unwin 1999.  
Hughes, K. P. (ed.) *Contemporary Australian feminism 2*, Longman 1977.

#### WOMEN'S STUDIES 1 SGSB: sex, gender and diversity: an introduction to women's studies B (15 CPs. Sem. II. Bu.) WS1SGSB

This subject introduces Women's Studies as an interdisciplinary project, exploring the ways in which gender relations and the condition of women may be understood from a variety of different perspectives, for example, literary, cultural, sociological and historical. The subject also highlights the diversity of women, especially ethnic, racial, and national and explores the implications of this diversity for understanding the concept of identity. Students use a variety of materials, media representations, film, statistics, novels, historical texts, autobiography and advertisements to explore the multiplicity of identities available to women and men in our society. *Class requirements:* one 2-hour lecture and one 1-hour tutorial. *Assessment:* two, 2,000-word essays (45% each) and tutorial participation (10%).

#### Prescribed reading:

Bonner, F. et. al. eds. *Imagining women cultural representations and gender*, Polity Press 1992.  
Crowley, H. and Himmelweit, S. eds. *Knowing women feminism and knowledge*, Polity Press 1992.  
Dubois, E. C. *Feminist scholarship kindling in the groves of academe*, University of Illinois Press 1987.  
Hooks, B. *Black looks race and representation*, South End Press 1992.  
Morgan, S. *My place*, Fremantle Arts Centre Press 1987.  
Spelman, E. *Inessential woman*, Women's Press 1990.  
Ruth, S. *Issues in feminism. An introduction to women's studies*, Mayfield 1990.

**HISTORY 2 GRA: gender relations in Australian society (20 CPs. Sem. II. Bu.) H2GRA**

In this subject, students examine the relationships, past and present, between women and men in Australian society, noting the changes and continuities over the last two centuries. In particular, there is focus on the experience and status of women, beginning with a consideration of the position of Aboriginal women. We will look at the gender of national mythologies, the racial conception of the national state and the role of modernity, feminism, sexuality, consumerism and the labour market in the construction of femininity and masculinity. In surveying the history of gender relations in Australia, students will be encouraged to explore the diversity of women's experience as well as its commonalities and to apply the insights derived from recent feminist theory.

**Prerequisite:** 30 credit points of first-year history.

**Incompatible subject:** WS 2 GRA/3 GRA.

**Class requirements:** one 2-hour lecture/seminar and one 1-hour tutorial per week.

**Assessment:** one 2,500-word research essay (50%), one 2,500-word reflective essay (40%), and class presentation and participation (10%).

**Preliminary reading:**

Dixon, M. *The real Matilda*, Penguin 1975, reprint 1994.

Summers, A. *Damned whores and God's police*, Penguin 1975, reprint 1994.

Whitlock, G. and Carter, D. *Images of Australia*, UQP 1992.

**Prescribed reading:**

Grimshaw, P., Lake, M., McGrath, A. and Quartly, M. *Creating a nation*, Penguin/McPhee Gribble, reprint 1996.

Lake, M. and Holmes, K. eds. *Freedom bound, II: documents on women in modern Australia*, Allen & Unwin 1995.

Pettman, J. *Living in the margins: racism and sexism and feminism in Australia*, Allen & Unwin 1992.

Saunders, K. and Evans R. *Gender relations in Australia. Domination and negotiation*, HBJ 1992.

**PHILOSOPHY 2 CFT-1: contemporary feminist thought-part 1 (20 CPs. Sem. I. Bu.) P2CFT1 Dr Janna Thompson**

This is an introduction to the principal concerns of feminist thought over the last 30 years, through an examination of the major streams and some of the classic texts of the feminist theory of this period. Writers studied include Simone de Beauvoir, Shulamith Firestone, Kate Millett, Juliet Mitchell, Adrienne Rich, Nancy Chodorow, Luce Irigaray, bell hooks and Judith Butler. The distinction between sex and gender is investigated and the question whether women are 'made or born' is explored from different perspectives. The development of the ideal of equality is also charted, from earlier interpretations in terms of sameness to recent assertions of difference. The question of whether feminism gives rise to new social and political values is posed and the problem of 'essentialism' addressed. The relation between women's oppression and other forms of oppression, such as those centring on race, class and ecology, is examined. This subject provides a theoretical framework for the discussion of issues relating to women and to society generally across a variety of disciplines.

**Prerequisite:** any first year humanities or social sciences subjects.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1,500-word essay (30%), one 3,500-word essay (60%), tutorial attendance and participation (10%).

**Prescribed reading:**

Nicholson, L. (ed.) *The second wave: a reader in feminist theory*, Routledge 1997.

**WOMEN'S STUDIES 2 SCC: sexuality: construct, critique and culture (20 CPs. Sem. I. Bu.) WS2SCC Dr Sue Davies**

In this subject students examine the historical construction of sexuality and sexual categories, looking at the relationship between sexual practice and the discursive production of sexual identities, lesbian, gay and heterosexual. The focus is on Western society (particularly the US., Britain and Australia) from 1980 to 1990. Particular issues discussed are the relationship between sexual and gender identities, sexology and the sex reform movements, state regulation, birth control, visual representation and pornography, sexual politics and the relationship between women's liberation and gay and lesbian liberation.

**Prerequisite:** any first year humanities or social sciences subject.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 2,000-word essay (35%), one 3,000-word essay (50%), and tutorial participation (15%).

**Preliminary reading:**

Foucault, M. *The history of sexuality: an introduction*, Harmondsworth 1991.

**Recommended reading:**

Duberman, M. B. et al. *Hidden from history: reclaiming the gay and lesbian past*, NAL 1989.

Feminist Review ed. *Sexuality: a reader*, Virago 1987.

Snitow, A. (ed.) *Pleasure and danger: exploring female sexuality*, Routledge and Kegan Paul 1984.

**WOMEN'S STUDIES 2 WAE: women and economics (20 CPs. Sem. I. Bu.) WS2WAE Ms Gillian Hewitson**

This subject investigates the emerging field of feminist economics. It provides students with an understanding of how particular feminist frameworks shape the criticisms of and suggested interventions into, orthodox economic theory and practice. The subject focuses on economist's understandings of the individual, the family, work, related economic policy and the interactions between these concepts.

**Prerequisite:** exposure to first year introductory economics is desirable.

**Class requirements:** three hours per week, to be used as lectures and seminars, the ratio of which will depend on class size.

**Assessment:** one 2,500-word essay (50%), one 1,500-word essay and one seminar presentation (40%), and attendance and participation (10%).

**Preliminary reading:**

Baumol W. et al., *Economic principles and policy*, 2nd Australian edn, Harcourt Brace Jovanovich 1992.

Blau F. and Ferber M. *The economics of women, men and work*, 2nd edn, Prentice Hall 1992.

Heyne P. *The economic way of thinking*, 6th edn, Macmillan 1991.

**HISTORY 3 GRA: gender relations in Australian society (20 CPs. Sem. II. Bu.) H3GRA Professor Marilyn Lake**

See *History 2 GRA* for full details.

**Assessment:** third year students will be expected to show greater achievement of discipline specific skills in their written work than second year students.

**PHILOSOPHY 3 CFT-1: contemporary feminist thought-part (20 CPs. Sem. I. Bu.) P3CFT1 Dr Janna Thompson**

See *Philosophy 2 CFT-1* for full details.

**Assessment:** third year students will be expected to show greater achievement of discipline specific skills in their written work than second year students.

**WOMEN'S STUDIES 3 RC: reading course (20 CPs. Sem. I or II. Bu.) WS3RC**

A limited number of students may be permitted by the Director of Women's Studies to undertake an individual reading course by arrangement with an appropriate member of staff. Approval is normally only given if there is no substantial overlap between the proposed topic and the content of an existing subject. A program of reading, discussion and written work should be formulated in consultation with the appropriate member of staff and submitted to the Director for approval.

**Prerequisite:** all women's studies core subjects passed at second or third year level and the Director's approval.

**Class requirements:** regular supervision sessions as arranged for each individual student.

**Assessment:** essay (s) or a research report.

**WOMEN'S STUDIES 3 SCC: sexuality: construct, critique and culture (20 CPs. Sem. II. Bu.) WS3SCC Dr Sue Davies**

See *Women's Studies 2 SCC* for full details.

**Assessment:** third year students will be expected to show greater achievement of discipline specific skills in their written work than second year students.

**WOMEN'S STUDIES 3 WAE: women and economics (20 CPs. Sem. I. Bu.) WS3WAE Ms Gillian Hewitson**

See *Women's Studies 2 WAE* for full details.

**Assessment:** third year students will be expected to show greater achievement of discipline specific skills in their written work than second year students.



# FACULTY OF LAW AND MANAGEMENT

**Location:** Faculty office, Level 3, Martin Building  
**Inquiries:** (03) 9479 1979  
**Email:** l&m@latrobe.edu.au

## Introduction to Faculty

The Faculty of Law and Management offers degree programs in a range of disciplines, across its six Australian campuses, as well as off-shore programs in China, Malaysia and Singapore. The Faculty comprises four schools, offering courses on multiple campuses as follows:

**School of Business:** Bundoora, Albury/Wodonga, Shepparton, Malaysia

**School of Law and Legal Studies:** Bundoora

**School of Tourism and Hospitality:** Bundoora, Albury/Wodonga, Shepparton, Mt. Buller, Bendigo, Beechworth, Singapore

**Graduate School of Management:** Bundoora, China

## Academic progress

The Faculty Board is responsible for reviewing the academic progress of students and has delegated this responsibility to the Academic Progress Committee. The Committee ensures that student's academic progress is in accordance with the requirements of the degree, while taking into account problems or circumstances which may affect their performance.

Students who do not maintain a satisfactory rate of academic progress will be required to 'show cause' (explain) why their re-enrolment should be permitted.

## Rules for Academic Progress

The maximum length of time for the completion of an undergraduate degree is 10 years. Students must normally pass at least half of the subjects in which they have enrolled for each year. A student is normally considered to have failed a subject (KN result), if a withdrawal is effected after 60% of the subject has been undertaken. Students who do not pass half of the subjects for which they have enrolled, may be required to show cause, or if it is for the first time, are given a warning letter that they 'must pass half of next year's enrolment, or show cause the following year'.

If after this warning, a student fails to pass half of their enrolment in the following year, they will be required to show cause why they should be permitted re-enrol. This involves the student making a written submission and appearing before an 'Academic Progress Committee'. Students who fail a subject twice are normally not permitted to re-enrol in that subject, unless they have the written permission of the relevant Head of School or Department.

## Language and Academic Skills Unit (LASU)

**Location:** Martin Building Room 370  
**Tel:** (03) 9479 2665

The Faculty believes it is important to develop all students' languages and academic skills (LAS) early in their studies. The coordinator of the LASU is responsible for monitoring the LAS needs of the students enrolled in Faculty subjects and is available to discuss with both staff and students how to best meet those needs. Individual LAS support for undergraduate students is provided at the School level, honours and postgraduate students may make an appointment with the LAS coordinator. Non-native English speakers should contact the Academic Skills (ESL) Unit on Level 4 of the Humanities 3 Building.

## Double degree courses

Double degrees allow students to undertake two courses at the same time, giving them a dual qualification after four or five years. By exploring two separate fields of study students enrich and widen their educational, personal and social experiences and may significantly enhance their employment prospects. The double degrees available through the Faculty are listed under Faculty or School headings below:

## School of Business

- Bachelor of Arts/Bachelor of Commerce
- Bachelor of Arts/Bachelor of Economics

- Bachelor of Commerce/Bachelor of Economics
- Bachelor of Viticultural Management

## School of Law and Legal Studies

- Bachelor of Arts/Bachelor of Laws
- Bachelor of Economics/Bachelor of Laws
- Bachelor of Laws/Bachelor of Arts
- Bachelor of Laws/Bachelor of Behavioural Science
- Bachelor of Laws/Bachelor of Commerce
- Bachelor of Laws/Bachelor of Economics
- Bachelor of Laws/Bachelor of Finance
- Bachelor of Laws/Bachelor of Science
- Bachelor of Legal Studies/Bachelor of Laws

## Courses Administered by Other Faculties

## Faculty of Health Sciences

*See the Faculty of Health Sciences chapter for full course details:*

- Bachelor of Health Science/Bachelor of Commerce
- Bachelor of Health Science/Bachelor of Economics

## Faculty of Science, Technology and Engineering

*See the Faculty of Science, Technology and Engineering chapter for full course details:*

- Bachelor of Computer Science/Bachelor of Commerce
- Bachelor of Information Systems/Bachelor of Business
- Bachelor of Science/Bachelor of Commerce
- Bachelor of Science/Bachelor of Finance

## Schools of the Faculty

## School of Business

**Inquiries:** (03) 9479 2693

The School's courses provide students with skills and knowledge directly relevant to business, government and financial institutions, and a number of professions. Disciplines include economics, marketing, human resource management, the related areas of law and tax, the management and accounting practices of business and business corporations.

The programs blend high quality analytical skills with practical knowledge of industry, the economy and our trading partners to prepare students for professional careers as accountants, bankers, economists, stockbrokers, and managers able to work in Australia or overseas. With the correct choice of subjects students may gain accreditation with the following professional bodies; Australian Society of Certified Practising Accountants, the Institute of Chartered Accountants in Australia, Economics Society of Australia, the Australian Institute of Banking and Finance, the Australian Marketing Institute and The Chartered Institute of Company Secretaries in Australia Ltd.

Completion of a subject requires attendance at lectures and tutorials and satisfactory performance in tutorials, exercises and the final examination. Students should note that clarity of expression is taken into account in all forms of assessment.

Students may be refused admission to the final examination in a subject if they have not complied with the requirements of that subject. The School has appointed members of staff as Advisers of Studies and their approval is required before a student's proposed choice of subjects is accepted at enrolment. Advisers of Studies are available throughout the year to advise students on problems that may arise concerning their course structure.

## Courses offered by the School of Business

### Bundoora

- Bachelor of Agricultural and Resource Economics (no further intake)
- Bachelor of Arts/Bachelor of Commerce
- Bachelor of Arts/Bachelor of Economics
- Bachelor of Business
- Bachelor of Commerce
- Bachelor of Commerce/Bachelor of Economics
- Bachelor of Economics
- Bachelor of Finance
- Bachelor of Viticultural Management
- Diploma in Economic and Accounting Studies
- Graduate Diploma in Econometrics
- Graduate Diploma in Economics - Specialisation
- Postgraduate Diploma in Accountancy
- Postgraduate Diploma in Advanced Economics



## Albury/Wodonga

(for course descriptions, refer to the Albury/Wodonga chapter).

- Bachelor of Business
- Graduate Certificate in Management
- Bachelor of Electronic Commerce
- Graduate Diploma in Electronic Commerce
- Graduate Diploma in Management

## Shepparton

(for course descriptions, refer to the Shepparton chapter).

- Bachelor of Business
- Bachelor of Commerce
- Graduate Diploma in Management

## BACHELOR OF AGRICULTURAL AND RESOURCE ECONOMICS

This course is being phased out. No new enrolments or transfers will be permitted.

Continuing students are advised to contact the Faculty Office or a School of Business adviser.

## BACHELOR OF BUSINESS

### Admission requirements

Entry prerequisites are a minimum D-grade average in VCE English and units 1 & 2 of General Mathematics or Mathematical Methods. Particular attention will be given to the applicant's performance in prerequisite studies. A limited number of students may be admitted under the Alternative Category Entry Scheme.

### Degree requirements

Students must complete a course of subjects accumulating a minimum total of 360 credit points, at least 270 of which must be subjects offered in the School of Business. The course is designed to be completed within three years of full-time study, although part-time study is possible.

Students may not take a second or third year subject unless they have either completed their first year, or have completed four first year subjects and are concurrently completing the remainder.

### Course structure

Students must pass the compulsory and elective subjects listed below. (All subjects are worth 15 CPs).

#### First year

Sem.	Subject code
1/2 Accounting for Management Decisions	AFMD1
1/2 Foundations of Management	FOM1
1/2 Introductory Macroeconomics	IMA1
1/2 Introductory Microeconomics	IMI1
1/2 Legal Studies 1LCC	L1LCC
1/2 Management Information Systems 1	MIS1
2 Business and Economic Statistics	BAES1
2 Management Accounting A	MA2A

#### Second year

1 Business Models <sup>1</sup>	BMO2
1 Human Resource Management 2	HRM2
1 Management Science <sup>1</sup>	MSC2
1/2 Business Communications	BCO2
1/2 Marketing Principles and Practice	MPAP2
1/2 One elective	
1/2 Organisational Behaviour	OBE2
2 Business Finance	BF12
2 Managerial Economics	MANEC2

#### Third year

1 International Business Environment, plus	IBE3
1/2 Seven electives <sup>2</sup>	

**Key:** <sup>1</sup>Choose either one <sup>2</sup>Totalling at least 105 CPs.

Students are restricted to a maximum of 150 credit points at first year level, and must undertake at least 90 credit points at third year level from the School of Business.

The eight electives are designed to allow progress in two majors, at least one of which will be in a business discipline. Each major will consist of four subjects. Students may select subjects which total a maximum of 40 credit points at each year-level from subjects offered elsewhere in the University. Students can major in two or more of the following: accounting, Asian economics, business analysis, finance, human resource management, managerial economics, management, management information systems, international business, public policy, macroeconomics, international trade, management science and marketing, or an outside major. Outside majors may include an Asian language specialisation, business law or other approved sequences. Details can be obtained from the School or Faculty Office.

## Honours

The honours program requires a further year of full-time study. Entry is by invitation only. As a guide, the usual minimum requirement is that the results for the best four, third year subjects within the School of Business, add to a total of 280 marks, although a student's entire academic record is taken into account.

Students intending to undertake honours in business should include Organisational Behaviour at second year and Organisation Theory, Human Resource Management 3, Strategic Marketing and Management and Corporate Strategy in the third year.

## Professional Recognition

By successfully completing approved marketing subjects, graduates may apply for membership with the Australian Marketing Institute. Graduates who have completed a double major in Marketing (a total of six subjects), will be eligible for full membership of the Australian Marketing Institute.

## BACHELOR OF COMMERCE

### Admission requirements

Prerequisites are a minimum D-grade average in VCE Units 3 and 4 of English and either Units 3 and 4 of Mathematics (any). A limited number of students may be admitted under the Alternative Category Entry Scheme.

### Degree requirements

Students must complete a course of subjects accumulating a minimum of 360 credit points, at least 270 of which must be subjects offered by the School. The course is designed to be completed within a minimum of three years of full-time study, although part-time study is possible.

Students may not take a second or third year subject unless they have either completed their first year, or have completed four first year subjects and are concurrently completing the remainder.

### Course structure

Students must pass the compulsory and elective subjects listed below. subjects are worth 15 credit points. Electives must be a minimum of 15 credit points each.

#### First year

Sem.	Subject code
1/2 Accounting for Management Decisions	AFMD1
1/2 Financial Accounting 1	FA1
1/2 Foundations of Management	FOM1
1/2 Introductory Macroeconomics	IMA1
1/2 Introductory Microeconomics	IMI1
1/2 Legal Studies 1LCC	L1LCC
1/2 Management Information Systems 1	MIS1
2 Business and Economic Statistics	BAES1

#### Second year

1/2 Financial Accounting 2	FA2
1/2 Business Communications	BCO2
1/2 Management Accounting A	MA2A
1/2 Management Accounting B	MA2B
1/2 Microeconomic Theory, or	MIT2
2 Managerial Economics	MANEC2
Three semester-length electives <sup>1</sup>	

#### Third year

1 Corporate Finance, or	CFI3
2 Investment and Portfolio Management	IPM3
and either	
1 Management Accounting C or	MA3C
1/2 Financial Accounting 3	FA3
1/2 Four Business electives. <sup>2</sup>	
1/2 Two electives <sup>3</sup>	

**Key:** <sup>1</sup> At least 45 CPs. <sup>2</sup> Totalling 60 CPs. <sup>3</sup> Totalling 30 CPs.

Students are restricted to a maximum of 150 credit points at first year level, and must undertake at least 90 credit points at third year level from the School of Business.

For associate membership of the Australian Society of Certified Practising Accountants, Bachelor of Commerce students must complete Auditing 3, Financial Accounting 3, Taxation, and Legal Studies 1LBA:Law of Business Association and Taxation.

## Honours

The honours program requires a further year of full-time study. Entry is by invitation only. As a guide, the usual minimum requirement is that the results for the best four, third year subjects within the School of Business, add to a total of 280 marks, although a student's entire academic record is taken into account.

Candidates are required to complete six subjects, one of which must be the compulsory subject, 'Research Methodology 4' and a minor thesis of up to 10,000 words, or five subjects, one of which must be the compulsory subject, 'Research Methodology 4' and a major thesis of up to 15,000 words. Further details are available from the School.

### Professional Recognition

Graduates may satisfy the educational requirements of a number of professional organisations by completing approved subjects in accounting, economics, marketing and legal studies. These include; the Australian Society of Certified Practising Accountants, the Institute of Chartered Accountants in Australia (for entry to the professional year), the Australian Marketing Institute, the Australian Institute of Banking and Finance and the Chartered Institute of Company Secretaries in Australia Ltd.

### BACHELOR OF ECONOMICS

#### Admission requirements

A minimum D-grade average in Units 3 & 4 of VCE English and Mathematics (any) is a prerequisite. Particular attention will be given to the applicant's performance in these subjects. A limited number of students may be admitted under the Alternative Category Entry Scheme.

#### Degree requirements

For a pass degree, students must complete a course of subjects accumulating at least 360 credit points, including subjects offered in business disciplines which total at least 270 credit points. The course is designed to be completed within three years of full-time study, although part-time study is possible. Students may not take a second or third year subject unless they have completed their first year or four first year subjects and are concurrently completing the remainder.

#### Course structure

Students must pass the compulsory and elective subjects listed below. All subjects are worth 15 credit points. Electives must be a minimum of 15 credit points each.

##### First year

Sem.	Subject code
1 Introduction to Quantitative Analysis	IQA1
1 Long-term Economic Change	LTEC1
1/2 Introductory Macroeconomics	IMA1
1/2 Introductory Microeconomics	IMI1
1/2 Management Information Systems 1	MIS1
2 Business and Economic Statistics	BAES1
1/2 Two electives	

##### Second year

1 Business Statistics	BST2
1/2 Macroeconomic Theory	MAT2
1/2 Microeconomic Theory	MIT2
2 Modern World Economy	MWE2
1/2 Two electives from the School of Business	
1/2 Two electives	

##### Third year

2 Macroeconomic Analysis	MAA3
2 Microeconomic Analysis	MIA3
1/2 Four 3 <sup>rd</sup> year electives from the School of Business	
1/2 Two electives	

Students are restricted to a maximum of 150 credit points at first year level, and must undertake at least 90 credit points at third year level from the School of Business.

### Honours

The honours program requires an extra year of full-time study. Entry is by invitation only. As a guide, the usual minimum requirement is that the results for the best four third year subjects within the School of Business, add to a total of 280 marks, although a student's entire academic record is taken into account. Intending honours students are advised to take at least one of Applied Economics or Econometric Methods in their third year.

Candidates are required to complete six semester subjects, two of which must be the compulsory subjects Macroeconomics 4 and Microeconomics 4 and a minor thesis of up to 10,000 words, or five semester subjects, two of which must be the compulsory subjects Macroeconomics 4 and Microeconomics 4 and a major thesis of up to 15,000 words. Further details are available from the School.

### Professional Recognition

By completing approved subjects, graduates may satisfy the educational requirements of the Australian Institute of Banking and

Finance and the Chartered Institute of Company Secretaries in Australia Ltd.

### BACHELOR OF FINANCE

#### Admission requirements

A minimum D grade average in Units 3 & 4 of VCE English mathematics (any). Particular attention will be given to the applicant's performance in these subjects. A limited number of students may be admitted under the Alternative Category Entry Scheme.

#### Degree requirements

Students must complete a course of subjects accumulating at least 360 credit points. The course is designed to be completed in a minimum of three years of full-time study, although part-time study is possible. Students may not take a second or third year subject unless they have completed their first year, or four first year subjects and are concurrently completing the remainder.

#### Course structure

Students must pass the compulsory and elective subjects listed below. All subjects are worth 15 credit points

##### First year

Sem.	Subject code
1 Introduction to Quantitative Analysis	IQA1
1/2 Accounting for Management Decisions	AFMD1
1/2 Financial Accounting 1	FA1
1/2 Introductory Macroeconomics	IMA1
1/2 Introductory Microeconomics	IMI1
1/2 Legal Studies 1LCC	L1LCC
2 Business and Economic Statistics	BAES1
2 Legal Studies 1LBA	L1LBA

##### Second year

1 Business Statistics	BST2
1/2 Macroeconomic Theory	MAT2
1/2 Management Accounting A	MA2A
1/2 Microeconomic Theory	MIT2
2 Finance	FIN2
2 Financial Markets and Institutions	FMAI2

plus any two of:

1 Banking Law and Practice	L3BLP
1 Taxation	TAX3
1/2 Financial Accounting 2	FA2
1/2 Marketing Principles and Practice	MPAP2
2 Microeconomic Analysis	MIA3
2 Organisational Theory	OTH3

##### Third year

1 Corporate Finance	CFI3
1 Money and Banking	MAB3
2 Finance Industry Case Study	FICS3
2 Investment and Portfolio Management	IPM3
2 Risk Management	RMA3

plus any three of:

1 Corporate Strategy	CST3
1 Human Resource Management 3	HRM3
1 International Financial Management	IFM3
1 International Trade	ITR3
2 International Monetary Economics	IME3
2 Management and Organisational Form	MOF3

Students are restricted to a maximum of 150 credit points at first year level, and must undertake at least 90 credit points at third year level from the School of Business.

### Honours

The honours program requires an extra year of full-time study. Entry is by invitation. As a guide, the usual minimum requirement is that the results of the best four third year subjects within the School of Business add to a total of 280 marks, but a student's entire academic record is taken into account.

Candidates are required to complete six subjects, including the compulsory subjects, Macroeconomics, Microeconomics and Financial Econometrics at fourth year level and a minor thesis of up to 10,000 words or five subjects, including the compulsory subjects, Macroeconomics, Microeconomics and Financial Econometrics at fourth year level and a major thesis of up to 15,000 words. Further details are available from the School.

### Professional Recognition

By completing approved subjects, graduates may satisfy the educational requirements of the Australian Institute of Banking and Finance.

## BACHELOR OF VITICULTURAL MANAGEMENT

### Admission requirements

Entry prerequisites are a minimum D-grade average in VCE Units 3 & 4 of English and mathematics (any).

### Degree Requirements

Students must complete a course of subjects accumulating a minimum total of 360 credit points. The course is designed to be completed in three years of full-time study or equivalent.

### Course Structure

Students must complete all core and elective subjects as listed. All subjects are worth 15 credit points, unless otherwise noted.

#### First year

Sem.	Subject code
1 Agriculture in the Australian Economy	AGR11AAE
1/2 Management Information Systems 1	MIS1
1 Vine Production, Propagation and Establishment	AGR11VPPE
1/2 Accounting for Management Decisions	AFMD1
2 Plants in Agriculture or Plant Sciences	AGR12PLA/ BIO12PS
2 Vineyard Cultivation and Maintenance	AGR12VCM
2 Foundation of Management	FOM1
1/2 Management Accounting A	MA2A
S Viticultural Practice 1 <sup>1</sup>	AGR10VITPR1

#### Second year

1 Legal Studies: Law of Commercial Contract	L1LCC
1/2 Business Communications	BCO2
1/2 Elective	
1/2 Marketing Principles and Practice	MPAP2
2 Agricultural Business Management <sup>2</sup>	AGR22ABM
2 Business and Economics Statistics	BAES1
2 Microeconomics and the Agricultural Sector	AGR22MATAS
2 Vineyard Operations <sup>2</sup>	AGR22VO
S Viticultural Practice 2 <sup>1</sup>	AGR10VITPR2

#### Third Year

1 Agricultural Policy	AGR31APL
1 Tourism Enterprise Management	TEM3
1 Viticulture and Wine Production Issues <sup>3</sup>	AGR3VWPI
1/2 Elective	
1/2 Elective	
2 Human Resource Management 2	HRM2
2 Organisation Behaviour	OBE2
2 Wine Knowledge and Winery Operations	WKWO3
S Viticultural Practice 3 <sup>1</sup>	AGR10VITPR3

**Key:** <sup>1</sup> 5 credit points; <sup>2</sup> 20 credit points; <sup>3</sup> 10 credit points;

### Honours

An honours program is proposed which will require a further year of full-time study. Students achieving greater than an average mark of 70% in at least six third year level subjects will be able to undertake an honours year. The honours year will be developed over the next three years with components designed to give first hand experience of wine production and the associated science.

## BACHELOR OF ARTS/BACHELOR OF COMMERCE

A commerce degree provides both a professional accounting qualification and a strong business background. The arts degree allows students to pursue other areas of interest and to learn skills which complement the commerce studies. Many subject combinations are possible. For example, students may study a language, politics or sociology of a particular region and combine this with a management sequence in the commerce course, or study legal studies, focusing on law and social policy or criminology and criminal justice, with an accounting major.

### Admission requirements

The VCE subject prerequisites are a C grade average in Units 3 and 4 of English, and in Mathematics (any).

### Degree requirements

Students must complete subjects having a minimum value of 540 credit points. A minimum of 270 credit points must be accumulated from subjects offered in the School of Business and a minimum of 240 must be accumulated from arts disciplines in social sciences or humanities.

The remaining 30 credit points may be taken from either discipline. At least one sequence must be taken in one arts discipline where a sequence is 30 credit points at first, second and third year. The course is designed to be completed in four years of full-time study, although part-time study is possible. Unless noted all subjects are worth 15 credit points.

### Course structure

#### First year

1/2 Accounting for Management Decisions	Subject code AFMD1
1/2 Financial Accounting 1	FA1
1/2 Introductory Macroeconomics	IMA1
1/2 Introductory Microeconomics	IMI1
1/2 Management Information Systems 1	MIS1
2 Business and Economic Statistics	BAES1

plus:

1/2 First year arts subject(s)<sup>1</sup>

#### Second year

1/2 Management Accounting B	MA2B
1/2 Business Communications	BCO2
1/2 Financial Accounting 2	FA2
1/2 First and second year arts subjects <sup>2</sup>	
1/2 Management Accounting A	MA2A

#### Third year

1/2 Legal Studies 1LCC	L1LCC
1/2 Microeconomic Theory OR	MIT2
1/2 Second and third year arts subjects <sup>4</sup>	
1/2 Two Business electives at 2nd or 3rd year <sup>3</sup>	
2 Managerial Economics	MANEC2

#### Fourth year

1 Corporate Finance, or	CFI3
1/2 Financial Accounting 3 OR	FA3
1/2 Management Accounting C	MA3C
1/2 Third year arts subjects <sup>5</sup>	
1/2 Two electives <sup>6</sup>	
1/2 Two third year Business electives <sup>3</sup>	
2 Investment Portfolio Management	IPM3

**Key:** <sup>1</sup>Totalling 45 CPs. <sup>2</sup>Totalling 75-80 CPs. <sup>3</sup>Totalling 30 CPs  
<sup>4</sup>Totalling 80 CPs split equally between both years. <sup>5</sup>Totalling 40 CPs.  
<sup>6</sup>Totalling 30-40 CPs.

For associate membership of the Australian Society of Certified Practising Accountants, Bachelor or Arts/ Bachelor of Commerce students must complete Auditing 3, Financial Accounting 3, Taxation, and Law of Business Association as electives.

### Honours

See single degree course description for Honours year details.

Suitably qualified students may be invited to undertake an honours year. This requires an additional year of full-time study. Honours may be undertaken in either Arts or Commerce, or both with two additional years of study.

### Professional Recognition

The appropriate choice of subjects leads to professional accreditation with the Australian Society of Certified Practising Accountants, the Institute of Chartered Accountants in Australia, and the Australian Institute of Banking and Finance.

## BACHELOR OF ARTS/BACHELOR OF ECONOMICS

This program offers a comprehensive study of economics with the option of specialising in one or two areas in arts. Many subject combinations are possible, enabling students to build their courses to suit their interests.

### Admission requirements

The VCE subject prerequisites are a C-grade average in Units 3 and 4 of English, and in mathematics (any).

### Degree requirements

Students must complete subjects having a minimum value of 540 credit points. A minimum of 270 credit points must be accumulated from subjects offered in the School of Business, and a minimum of 240 credit points accumulated from arts disciplines in social sciences or humanities. The remaining 30 credit points may be taken from either discipline. A minimum of one sequence must be taken in one arts discipline where a sequence is 30 credit points at first, and 40 credit points at second and third year. The course is designed to be completed in four years of full-time study, although part-time study is possible. Unless noted all subjects are worth 15 credit points.

### Course structure

#### First year

Sem.	Subject code
1 Introduction to Quantitative Analysis	IQA1
1 Long Term Economic Change	LTEC1

1/2	Introductory Macroeconomics	IMA1
1/2	Introductory Microeconomics	IMI1
1/2	Management Information Systems 1	MIS1
2	Business and Economic Statistics	BAES1
2	First year arts subject(s) <sup>1</sup>	

**Second year**

1	Business Statistics	BST2
1/2	Macroeconomic Theory	MAT2
1/2	Microeconomic Theory	MIT2
2	Modern World Economy	MWE2
1/2	First and second year arts subjects <sup>2</sup>	

**Third year**

2	Macroeconomic Analysis	MAA3
2	Microeconomic Analysis	MIA3
1/2	Two third year Business electives <sup>3</sup>	
1/2	Second and third year arts subjects <sup>4</sup>	

**Fourth year**

1/2	Four, third year Business electives <sup>5</sup>	
1/2	Third year arts subjects <sup>6</sup>	
1/2	Two additional subjects (business or arts) <sup>7</sup>	

**Key:** <sup>1</sup>Totaling 45 CPs. <sup>2</sup>Totaling 75-80 CPs. <sup>3</sup>Totaling 30 CPs.

<sup>4</sup>Totaling 80 CPs. <sup>5</sup>Totaling 60 CPs. <sup>6</sup>Totaling 40 CPs. <sup>7</sup>Totaling 30-40 CPs.

**Honours**

Suitably qualified students may be invited to undertake an honours year. This requires an additional year of full-time study. Honours may be undertaken in either Arts or Economics, or both with two additional years of study.

See single degree course description for Honours year details.

**Professional Recognition**

The appropriate choice of subjects may lead to professional accreditation with the Australian Institute of Banking and Finance.

**BACHELOR OF COMMERCE/BACHELOR OF ECONOMICS**

This combined degree provides you with a professional accounting qualification enabling students to acquire the skills and knowledge which are directly concerned with the accounting practices and management of both large and small enterprises within the government and private sectors. This degree also provides a basis in economic theory and aims to develop skills in quantitative analysis, logical thought and the ability to apply economic ideas to the solution of social problems.

Depending on which electives you choose, there are opportunities to specialise in: law, tax, auditing, financial and management accounting, information management, treasury economics, econometrics, trade, banking, public policy or languages both Asian and European.

**Admission requirements**

The VCE subject prerequisites are a C grade average in Units 3 and 4 of English, and in mathematics (any).

**Degree requirements**

Students must complete subjects having a minimum value of 540 credit points. A minimum of 420 credit points must be accumulated from subjects offered in the School of Business, plus eight electives - 3 of which must be at third year level. The course is designed to be completed in four years of full-time study, although part-time study is possible.

**Course Structure**

Unless noted all subject and electives are worth 15 credit points.

**First Year**

Sem.		Subject code
1	Long Term Economic Change	LTEC1
1/2	Accounting for Management Decisions	AFMD1
1/2	Financial Accounting 1	FA1
1/2	Foundations of Management	FOM1
1/2	Introductory Macroeconomics	IMA1
1/2	Introductory Microeconomics	IMI1
1/2	Legal Studies 1LCC	L1LCC
1/2	Management Information Systems	MIS1
2	Business and Economic Statistics	BAES1

**Second Year**

1	Business Statistics	BST2
1	Introduction to Quantitative Analysis	IQA1
1/2	Financial Accounting 2	FA2
1/2	Management Accounting A	MA2A
1/2	Management Accounting B	MA2B
1/2	Microeconomic Theory 2	MIT2
1/2	Three electives	

**Third Year**

1	Corporate Finance <sup>1</sup>	CFI3
1	Investment and Portfolio Management <sup>1</sup>	IPM3
1	Modern World Economy	MWE2
1/2	Financial Accounting 3 <sup>2</sup>	FA3
1/2	Macroeconomic Theory	MAT3
1/2	Management Accounting C <sup>2</sup>	MA3C
1/2	Three third year Business electives	
1/2	Two electives	

**Fourth Year**

1/2	Three third year electives	
1/2	Two Business electives	
1/2	Two third year Business electives	
2	Macroeconomic Analysis	MAA3
2	Microeconomic Analysis	MIA3

**Key:** <sup>1</sup>Choose either. <sup>2</sup>Choose either.

For associate membership of the Australian Society of Certified Practising Accountants, students must complete Auditing 3, Financial Accounting 3, Taxation and Law of Business Association.

**Honours**

Suitably qualified students may be invited to undertake an honours year. This requires an additional year of full-time study. Honours may be undertaken in either Commerce or Economics.

See single degree course description for Honours year details.

**Professional Recognition**

The appropriate choice of subjects leads to professional accreditation with the Australian Society of Certified Practising Accountants, the Institute of Chartered Accountants in Australia, and the Australian Institute of Banking and Finance.

**GRADUATE DIPLOMA IN ECONOMETRICS**

This course is designed for those who wish to acquire knowledge of econometric theory and practice which is in demand in practically every branch of commerce, business and economics. Prior to admission candidates are required to demonstrate an aptitude for mathematical and statistical work.

**Admission requirements**

A bachelor degree in any discipline.

**Course structure**

The course consists of eight subjects (120 credit points), including a number of designated subjects. All candidates must complete successfully at least 4 subjects at third or fourth year levels. Students who hold a degree with a major in economics must undertake Microeconomics or Macroeconomics at fourth year level, while. All other candidates are required to complete successfully Microeconomic Theory and Macroeconomic Theory at second year level. The remaining subjects must be chosen from (all subjects are worth 15 credit points):

Sem.		Subject code
1	Business Statistics	BST2
1	Econometric Methods 3	EME3
1	Econometric Methods 4	EME4
1	Management Science	MSC2
2	Applied Economics	AEC3
2	Finance	FIN2
2	Financial Econometrics	FEC4

**DIPLOMA IN ECONOMIC AND ACCOUNTING STUDIES**

This program enables graduates to extend their studies into areas of interest that were not included in their primary degree. The graduate diploma has been accredited as a conversion course by both the Australian Society of Certified Practising Accountants (ASCPA) and The Institute of Chartered Accountants in Australia (ICAA), enabling graduates who did not take an accounting major in their primary degree to become professional accountants. In order to satisfy the educational requirements of the ASCPA and ICAA it may be necessary for a candidate to undertake more than the eight subjects required for the graduate diploma.

**Admission requirements**

A bachelor degree in any discipline.

**Course structure**

Candidates are required to complete eight subjects. No more than two first year subjects can be included, while a minimum of four subjects at third year level must be chosen from those offered by the School of Business. The program may be undertaken on either a full or part-time basis.

## GRADUATE DIPLOMA IN ECONOMICS - SPECIALISATION

These programs are designed for graduates who wish to obtain an understanding of core economic theory and its application to one specialised cognate discipline.

### Admission requirements

A bachelor degree in any discipline.

### Course structure

The course consists of eight subjects, including at least four subjects at the third or fourth year levels. Students who hold a degree with a major in economics must undertake Microeconomics or Macroeconomics at fourth year level, while all other candidates are required to complete successfully Microeconomic Theory and Macroeconomic Theory at second year level. The following specialisations will be offered in 2000:

- Financial management
- Human resource management
- International trade and finance
- Public policy
- Resource and environmental management

## POSTGRADUATE DIPLOMA IN ACCOUNTANCY

This program is designed for graduates who majored in accounting and who desire to extend their studies of advanced theory and practice.

### Admission requirements

A bachelor degree with a major in accounting.

### Course structure

Candidates are required to complete the equivalent of eight subjects at fourth year, including Research Methodology 4, and submit a thesis equivalent to either two or three subjects. Subjects must be chosen from (all subjects are valued at 15 credit points):

Sem.		Subject code
1	Accounting Theory	ATH4
1	Advanced Tax	ATA4
1	Contemporary Issues in Management	CIM4
1	Management Accounting 4	MAC4
1	Research Methodology	RM4
1	Theory in Marketing	TIM4
2	Corporate Strategy 4	CST4
2	Human Resource Management 4	HRM4

## POSTGRADUATE DIPLOMA IN ADVANCED ECONOMICS

This course is designed for students who have completed a bachelor degree in economics, finance, commerce or business. The course provides an opportunity for students to study advanced topics in economics and to undertake supervised research.

### Admission requirements

A bachelor degree in economics, commerce, finance or business.

### Course structure

Candidates must complete six subjects and either Macroeconomics or Microeconomics at fourth year level. In addition, candidates must complete a minor thesis of up to 10,000 words. Subjects can be chosen from (all subjects are worth 15 credit points):

Sem.		Subject code
1	Econometric Methods 4	EME4
1	Environmental Economics and Policy	EECP4
1	Financial Management	FMA4
1	International Monetary Economics	IME4
1	Labour Economics	LEC4
1	Macroeconomics	MAE4
1	Microeconomics	MIE4
2	Financial Econometrics	FEC4
2	History of Economic Theory	HOET4
2	International Trade	ITR4
2	Management Information Systems 4	MIS4
2	Money, Banking and Finance	MBAF4
2	Public Policy 4	PPO4

### Subject descriptions

The subjects described below are presented in alphabetical order of their subject names within year level. Information regarding subjects was accurate at the time of publication but not all subjects will be offered every year. Semesters of offer are subject to change. Assessment is subject to the Head of School's advice for all subjects.

## First year subjects

✂ **ACCOUNTING AND MANAGEMENT FOR SMALL BUSINESS (15 CPs. Sem. I or II. Bu.) AMSB1 Mr Leo Langa and Mrs Selena Lim**  
Not available to students in the Bachelor of Commerce or Bachelor of Finance. Cannot be used as a prerequisite where Management Accounting A is required.

This subject Students receive a grounding in basic accounting theory and the techniques needed to manage a small business, an ability to generate and apply financial information to control operations, make business decisions and resolve problems. Attention is directed to short and long-term decisions, including cost control, pricing and current asset management.

**Prerequisite:** AFMD1.

**Incompatible subject:** MA2A, MAC1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 3,000-word case study project (30%) and one 3-hour final examination (70%).

### Prescribed reading:

McMahon, R. G. P. *Financial Management for Small Business*, 2<sup>nd</sup> edn, CCH Australia Ltd, 1995.

✂ **ACCOUNTING FOR MANAGEMENT DECISIONS (15 CPs. Summer Bu. Sem. I. Sh.) AFMD1 Mr Glenn Hill**

For students who wish to gain an appreciation of the uses of financial information. It gives students an understanding and appreciation of the use of financial information as it applies to decision making in a business context, equips students with an ability to identify business issues and problems and how to analyse the effects on business performance.

**Incompatible subjects:** FAC1B, IFM1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** 3 assignments (30%) and one 3-hour final examination (70%).

**AGRICULTURE IN THE AUSTRALIAN ECONOMY (15 CPs. Sem. I. Bu.) AGR11AAE**

Provides an introduction to agricultural economics, with particular reference to key principles of economic theory and their application to the study of some contemporary problems facing individual farms, agricultural industries and governments. The subject covers Australia's agricultural environment, agriculture in the Australian economy and introduction to the economics of the farm firm, together with an introduction to computing in agricultural and resource economics.

**Class requirements:** two lectures and one 1-hour tutorial per week. Computing in agricultural and resource economics: up to 13 lectures and 12 2-hour practical classes.

**Assessment:** tests, assignments (40%) and examinations (60%).

### Prescribed reading:

Campbell, K. O. (ed.) *The scientific basis of modern agriculture*, Sydney UP, 1986.

Cribb J. (ed.) *Australian agriculture. The complete reference on rural industry*, Morescope Pty Ltd 1991.

Makeham, I. P. and Malcolm, L. R. *The farming game now*, Cambridge UP, 1993.

**BUSINESS AND ECONOMIC STATISTICS (15 CPs. Summer or Sem. II, Bu., Sem. II. Sh.) BAES1 Dr Param Silvapulle**

This subject considers how to communicate and interpret commercial and economic information in terms of statistical measures. The probability approach is introduced, with applications to inferential statistics and hypothesis testing using sampling distributions in the realms of economics and commerce. Simple linear regression and testing for various hypotheses in business, economics and finance is also covered.

**Class requirements:** two 1-hour lectures, one 1-hour problem solving class per week, and one 1-hour tutorial per week.

**Assessment:** tutorial attendance and participation (5%), projects (10%), assignments (5%), one 2-hour test (10%) and one 3-hour examination (70%).

### Prescribed reading:

Harrison, S. R. and Tamaschke, Rick H. V. *Statistics for business, economics and management*, Prentice Hall 1993.

**ENTERPRISE MANAGEMENT 1 (15 CPs. Sem. II. Aw.) WEM1 Mr Peter Lamb**

Students are introduced to the fundamentals of management theory as they apply in the contemporary environment and examine the role of the manager at enterprise level and develop a perspective of

management from classical to modern approaches. Functions of management, planning, organising, leading and control (POLC), are evaluated using theoretical frameworks which apply to the enterprise environment.

**Class requirements:** two 1-hour lectures and one 2-hour tutorial per week.  
**Assessment:** tutorial exercises and participation (15%), mid semester test (15%), one, 2,000-word assignment (20%), and one 3-hour examination (50%).

**Prescribed reading:**

Griffin, R. *Management*, Houghton Mifflin 1993.

**FINANCIAL ACCOUNTING 1 (15 CPs. Summer or Sem. I. Bu. Sem. II Sh.) FA1 Mr Glenn Hill and Mrs Carmel Capitanio**

This subject introduces students to an accounting information system which records financial events and provides information to management. The subject begins with the accounting equation, accounting cycle, accrual accounting concepts and the preparation of internal reports. Attention is then given to application of generally accepted accounting principles and selected accounting standards.

**Prerequisite:** AFMD1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** assignments (30%), and one 3-hour examination (70%).

**FINANCIAL ACCOUNTING 1 (15 CPs. Sem. I. Aw.) WFAC1 Mrs Dianne McGrath**

This subject introduces students to information systems that record financial events and the provision of information to assist financial management, planning and control. Topics covered include the accounting equation, the accounting cycle, preparation of annual accounts, adjusting entries, income measurement and analysis of financial position, income and cash. Accounting techniques are applied to sole traders, partnerships and companies and attention is concentrated on the assumptions underlying generally accepted accounting practice and the pronouncements of the professional accounting bodies.

**Class requirements:** two 1-hour lectures and one 2-hour tutorial per week.

**Assessment:** continuous assessment (40%) and one 3-hour examination (60%).

**Prescribed reading:**

Porter, G. A. and Norton, C. L., *Financial accounting: the impact on decision makers*, 1st edn, Harcourt Brace 1995.

**FOUNDATIONS OF MANAGEMENT (15 CPs. Summer or Sem. I or II. Bu. Sem. I. Sh.) FOM1 Mr George Sansbury**

This subject provides students with an understanding of organisations. Students are encouraged to investigate the means by which managers influence individual and group activities and performance in organisations. Topics covered include pioneering ideas in management, understanding internal and external environments, planning and decision-making, organising, leading and controlling.

**Incompatible subject:** OAM1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 1,000-word presentation (10%), one, 1,500-word essay (25%) and one 2-hour final examination (65%).

**Prescribed reading:**

Bartol, K.M. et al., *Management: a Pacific rim focus*, McGraw Hill 1995.

**FUNDAMENTALS OF COMPUTING AND ELECTRONIC COMMERCE 1 (15 CPs. Sem. II. Aw.) WFCEC1 Mr Evan Patullo**

Allows students to gain a basic understanding of how computers and their peripherals work and the application of this technology in electronic commerce. Hardware and software are covered, with an emphasis on how each relates to the Internet and current business practices. As this is an introductory subject, no assumptions about prior knowledge will be made. Successful completion will see students equipped with the requisite skills to undertake other subjects in the Electronic Commerce stream.

**Class requirements:** one 2-hour lecture, one 1-hour tutorial and one 1-hour laboratory session per week.

**Assessment:** one, 1000-word and two, 1,500-word assignments (50%) and one 3-hour examination (50%).

**INTRODUCTION TO QUANTITATIVE ANALYSIS (15 CPs. Sem. I. Bu.) IQA1 Dr Mardi Dungey**

Students will be taught to understand and solve optimisation problems using calculus. By the end of the subject they should be able to solve simultaneous equations using matrix algebra, unconstrained optimisation problems and constrained optimisation problems using LaGrange multipliers. There is an emphasis on how to set up applied problems in mathematical form, so that the techniques can be applied to practical, real world problems.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** tutorial work (30%), and one 2-hour final examination (70%).

**INTRODUCTORY BUSINESS STATISTICS 1 (15 CPs. Sem. II. Aw. Sem. I. Sh.) WBS1 Dr Julie Jackson**

This subject introduces students to statistical techniques as an aid to effective decision-making in the business environment. It has been specifically designed for the Bachelor of Business degrees, with an emphasis on practical applications of statistical techniques in business and the ability to express findings in non-technical language. Topics covered include descriptive statistics, probability concepts and distributions, sampling theory and statistical inference, linear regression and correlation and statistical process control. The statistics package SPSS, will be used for analysis.

**Incompatible subject:** BAES1.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 1-hour computer workshop per week.

**Assessment:** one 1,200-word major assignment (20%), one 750-word minor assignment (10%), tutorial participation (10%) and one 3-hour examination (60%).

**Prescribed reading:**

Mason, E. D. and Lind, D. A. *Statistical techniques in business and economics*, 9th edn, Irwin 1996.

**INTRODUCTORY MACROECONOMICS (15 CPs. Summer or Sem. I or II. Bu. Sem. II. Sh.) IMA1 Bu: Mr John King. Sh: Dr Katrina Alford**

Introduces students to the study of the economy as a whole and to the economic way of thinking. Topics include: national income accounting, consumption and investment demand, government spending, exports and imports, aggregate demand and supply, money and banking, fiscal and monetary policy, alternative macroeconomic theory, the balance of payments, national and foreign debt, inflation, unemployment, productivity and economic growth.

**Incompatible subject:** MPA1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1-hour mid-semester test (10%), assignments as set and weekly tutorials (20%), and one 2-hour final examination (70%).

**INTRODUCTORY MICROECONOMICS (15 CPs. Summer, or Sem. I or II. Bu. Sem. I. Sh.) IMI1 Bu: Dr Lionel Frost and Dr Lou Will. Sh: Dr Katrina Alford**

Microeconomics implies a focus on the individual elements and components of an economy rather than on its aggregate nature. Students are introduced to the economic way of thinking in this context and to the broad subject matter of microeconomics. Topics include; consumer behaviour and demand, firm behaviour, costs and supply, price determination and the operation of markets, including imperfect markets. Analysis extends to the elementary theory of factor markets and distribution, the nature of the market system, and of microeconomic policy.

**Incompatible subjects:** MIP1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial work (30%) and one 2-hour final examination (70%).

**Prescribed reading:**

Mankiw, N. Gregory, *Principles of microeconomics*, Dryden 1997.

Harris, Robert B. *Study guide to principles of microeconomics*, Dryden 1997.

**LONG-TERM ECONOMIC CHANGE (15 CPs. Sem. I. Bu.) LTEC1 Dr Lionel Frost and Mr Michael Schneider**

This subject explores the general processes by which economies have evolved, developed and changed over long periods of time. The analysis focuses principally on the relationship between government and the commercial sector as it affected economic development or decline in different systems up to the present century. Among topics studied are the emergence of capitalism in Europe, the economic significance of European and Asian political structures, the economic implications of contact and conflict between European and Asian systems and the nature and process of industrialisation. The emergence of a world economy, including reference to the place of Australia within it, is given emphasis.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial work (25%), one, 1,000-word essay (15%) and one 2-hour final examination (60%).

**MACROECONOMIC PRINCIPLES 1 (15 CPs. Sem. II. Aw.) WMAP1 Mr Lin Crase**

Introduces students to study of the economy as a whole and the economic way of thinking. Topics include national income account-



ing, consumption and investment demand, government spending, net exports, aggregate demand and supply, banking and money, fiscal and monetary policy, alternative theories, balance of payments, national and foreign debt, inflation, unemployment, productivity and economic growth.

**Incompatible subject:** Introductory Macroeconomics 1.

**Class requirements:** two 1-hour lectures and one 2-hour tutorial per week.

**Assessment:** mid-semester tests, assignments as set, tutorial performance and one 3-hour examination (60%).

**Prescribed reading:**

Jackson, J., McIvor, R., McConnell, C. and Brue, S. 1998 *Economics* 5<sup>th</sup> edn, (Aust.) McGraw Hill

**MANAGEMENT ACCOUNTING 1 (15 CPs. Sem. II. Aw.) WMAC1 Mrs Dianne McGrath**

See subject description and class requirements for Management Accounting A: MA2A.

**Assessment:** continuous assessment (50%) and one 3-hour examination (50%).

**MANAGEMENT INFORMATION SYSTEMS 1 (15 CPs. Sem. I or II. Bu. Sem. I. Sh.) MIS1 Bu: Mrs Selenia Lim and Mr Robert Pereira**

This subject introduces students to MS Office and provides the skills required to produce high quality reports. Emphasis is placed on MS Excel and Access. It also introduces students to the wider concepts of the 'what' and 'why' of information. At the conclusion of this subject, students should have mastered basic spread-sheeting and database skills, the integration of data and/or files between other application and have a basic understanding of computer systems.

**Class requirements:** two 1-hour lectures and one 2-hour computer laboratory session per week.

**Assessment:** one mid semester test (15%), one hands-on computer test (15%) and one 2-hour final examination (70%).

**MANAGEMENT INFORMATION SYSTEMS 1 (15 CPs. Sem. I. Aw.) WMIS1 Mr Evan Patullo**

Introduces students to the theory and practice of computer-based information systems. Topics include data sources, organisational structures and information needs, information processing, data base concepts and decision modelling. Extensive use is made of spreadsheet software.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week. Students are required to attend one 2-hour computer laboratory session per week.

**Assessment:** two computer laboratory-based tests (30%), a mid-semester test (10%), tutorial performance (10%) and one 3-hour examination (50%).

**Prescribed reading:**

Loudon, K. C. and Loudon, J. P. *Essentials of management information systems, organisation & technology*, Prentice-Hall 1995.  
Ross, S. C. and Hutson, S. V. *Understanding and using Microsoft Excel 5*, West 1995.

**MICROECONOMIC PRINCIPLES 1 (15 CPs. Sem. I. Aw.) WMIP1 Mr Lin Crase**

Microeconomics implies a focus on the individual elements and components of an economy rather than on its aggregate nature. This subject introduces students to the economic way of thinking in this context and to the broad subject matter of microeconomic principles. Topics include consumer behaviour and demand, firm behaviour and supply, price determination the operation of markets and distribution and the nature of the market system and of microeconomic policy.

**Incompatible subjects:** Introductory Microeconomics 1.

**Class requirements:** two 1-hour lectures and one 2-hour tutorial per week.

**Assessment:** in-term tests, assignments, tutorial performance (40%) and one 3-hour examination (60%).

**Prescribed reading:**

Jackson, J., McIvor, R., McConnell, C. and Brue, S., 1998 *Economics* 5<sup>th</sup> edn, (Aust.) McGraw Hill.

**Second year subjects**

**AGRICULTURAL BUSINESS MANAGEMENT (20 CPs. Sem. II. Bu.) AGR22ABM Dr R. G. Dumsday**

This subject is designed around a simulation model of an agricultural firm and aims to provide a dynamic illustration of farm business management and farm accounting principles and procedures; a means of demonstrating the integration of the principles of soil, plant and animal science into an economic unit; and an illustration of the institutional facets of management such as taxation and credit. Topics covered include: budgeting, financial statements; linear program-

ming models of agricultural firms; time and decision-making; risk and decision-making and investment appraisal.

**Prerequisite:** It would be desirable for students to have an agricultural background or to have completed AGR 11AAE and AGR 11SYS. Some knowledge of the use of computer packages and editing routines would be an advantage.

**Class requirements:** two 1-hour lectures and one 3-hour practical class per week.

**Assessment:** one 2-hour examination (60%) and a project (40%).

**Preliminary reading:**

Dumsday, R. G. et al. *Australian farming systems model. (AFSM): manual for participants*, La Trobe University 1996.

Makeham, I. P. and Malcolm L. R. *The farming game now*, Cambridge UP 1993.

Williams, D. B. *Agriculture in the Australian economy*, Oxford UP 1990.

**ASIAN ECONOMIC DEVELOPMENT 2 AED2 Dr Sisira Jayasuriya**

The subject is concerned with Asian economic development defined broadly to include economic growth as well as social and human development. It draws on economic history, economic theory and theories of social change. Current issues are discussed, with the emphasis on policies for achieving sustainable development.

**Class requirements:** one 2-hour lecture and one 1-hour seminar/tutorial per week.

**Assessment:** one, 2,500-word essay (30%) and one 2-hour final examination (70%).

**BUSINESS AND PERSONAL FINANCIAL PLANNING 2 (15 CPs. Sem. I. Aw.) WBPFP2 Dr Gamini Herath and Mrs Dianne McGrath**

The subject aims to provide a comprehensive introduction to computational techniques underlying financial analysis and, subsequently, to apply these techniques in business and personal finance. Techniques will include simple and compound interest, annuities (ordinary, deferred, due, general), internal rate of return (IRR), net present value (NPV), break-even analysis, depreciation. Applications will be in evaluation of loan and investment alternatives for business and personal planning, and will include reference to sources of finance, interest rate regimes, superannuation, taxation and inflation issues, exchange rate issues. Spreadsheets will be used extensively for computations.

**Class requirements:** two 1-hour lectures, one 1-hour computer laboratory session and one 1-hour tutorial per week.

**Assessment:** continuous assessment (50%) and 3-hour examination (50%).

**Prescribed reading:**

Peirson, G., Brown, R. and Howard, P. *Essentials of Business Finance* McGraw Hill 1997.

**BUSINESS CASES 2 (15 CPs. Sem. I. Bu.) BCA2 Dr Xiangkang Yin**

Business Cases provides a working knowledge of firm strategy, industry structure and government regulation through case studies. Students will analyse strategic decisions that firms must make and the effects of government regulation on these decisions. The kinds of decisions that will be of interest include: pricing, output, advertising, merger, entry and deterring entry, investment in new production capacity, the introduction of new products, brands and quality variations, and investment in R&D. The analysis will be covered with case material.

**Prerequisite:** Introductory Microeconomics 1: IMI1.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial/workshop per week.

**Assessment:** tutorial/workshop participation (20%), one 2,500 to 3,000-word research essay (30%) and one 2-hour final examination (50%).

**Prescribed reading:**

Scherer, F. M., *Industry structure, strategy, and public policy*, Harper Collins College Publishers 1996.

**BUSINESS COMMUNICATIONS (15 CPs. Sem. I or II. Bu., Sem. I. Sh.) BC02 Ms Lynne Leveson**

This curriculum is designed to increase awareness of and improve verbal and written communication skills of those students undertaking the course. Students will be introduced to the principles of communication and the various elements that constitute effective communication in academia and the workplace. Topics covered include letters, reports, memos, intercultural communication, group work, conflict management and negotiation.

**Incompatible subjects:** BC01, BC03 and MANS1B.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** group presentation (15%), case study or report (10%) and tutorial test (15%) and one 2-hour final examination (60%).

**Prescribed reading:**

Dwyer, J. *Communications in Business – Strategies and Skills*, Prentice Hall 1999.

**BUSINESS FINANCE 2 (15 CPs. Sem. II. Bu., Sh.) BFI2 Mr Robert Pereira**

This subject is normally available only to Bachelor of Business students. This is an introduction for business students to the financial environment and to the financial decisions firms make. Topics covered include the stock market, the bond market, banks and financial intermediaries, risk diversification and hedging, financial decision making and the basic mathematics of finance.

**Prerequisite:** IMI1.

**Incompatible subjects:** FIN2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial or seminar per week.

**Assessment:** one 1-hour mid-semester test (20%) and one 2-hour final examination (80%).

**Prescribed reading:**

Petty, J. W. et al., *Basic financial management*, Australian edn, Prentice Hall 1996.

**BUSINESS MODELS (15 CPs. Sem. I. Bu.) BMO2 Dr Rob Dumsday**

The subject is designed around strategic and tactical management simulation models of firms and provides a dynamic illustration of business management and accounting principles and procedures and the institutional facets of management such as taxation and credit. Topics include budgeting, financial analysis, time and decision-making, risk and decision-making and investment appraisal. Lectures will be integrated with individual and team-based project work allowing students to experience the outcomes of their business planning in a realistic case study environment.

**Prerequisite:** IMI1, MIS1.

**Class requirements:** two 1-hour lectures and one 2-hour practical class per week.

**Assessment:** two major projects (30% each) and one, two-hour final examination (40%).

**BUSINESS STATISTICS (15 CPs. Sem. I. Bu.) BST2 Dr Iain Fraser**

This subject provides a good introduction to business forecasting techniques and regression analysis. The skills taught are frequently used in business and economic analysis. Emphasis is placed upon the development of practical skills, the way in which they are used and the interpretation of results. These objectives are achieved by extensive use of applied examples sets and practical problem solving.

**Prerequisite:** BAES1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial or practical class per week.

**Assessment:** one 1-hour test (15%), one, 1,000-word assignment (10%), tutorial participation (5%) and one 2-hour final examination (70%).

**Prescribed reading:**

Harrison, S. R. and Tamaschke, H. V. *Statistics for business, economics and management*, Prentice-Hall 1993.

**COMMODITIES MARKETING (15 CPs. Sem. II. Bu.) CMA2**

Subject not available in 2000.

**CONSUMER BEHAVIOUR (15 CPs. Sem. II. Bu. Sh.) CBE2 Dr Clare D'Souza**

This subject provides an understanding of the role of consumer behaviour in development of the total marketing mix. The contribution of psychological and social knowledge relevant to both consumer and organisational marketing is evaluated, with an emphasis on practical skills of analysis and the writing of effective positioning statements.

**Prerequisite:** MPAP2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial.

**Assessment:** one, 2,500-word assignment (25%), tutorial presentation (15%) and one 3-hour final examination (60%).

**Prescribed reading:**

Sheth Jagdish, Banwari M and Bruce Newman *Consumer Behaviour*, - Harcourt Brace 1998.

**DATA STRUCTURES IN C 2 (15 CPs. Sem. II. Aw.) WDSC2 Mr Evan Panullock**

This subject expands upon the concepts covered in the initial programming subject. Students learn the fundamental importance of using and storing data as part of overall program performance and efficiency. Topics covered include arrays and pointers, structures, files and lists, and an introduction to the concepts of object-oriented programming through some of the features of C++.

**Prerequisite:** WPSA21 Programming Structures and Algorithms in C 2.

**Class requirements:** two 1-hour lectures, one 2-hour laboratory or tutorial per week.

**Assessment:** tutorial exercises (10%), two major practical assignments (40%) and one 2-hour examination (50%).

**Recommended reading:**

Deitel, H. M. and Deitel, P. J. C. *how to program*, Prentice-Hall 1994.  
Kelley, A. and Pohl, I. C *by dissection*, Benjamin Cummings 1992.  
Stevens, A. *Teach yourself C++*, MIS Press 1993.

**ENTERPRISE DEVELOPMENT 2 (15 CPs. Sem. I. Aw.) WED2 Mr Peter Lamb**

Students examine organisational structure and behaviour of enterprises within their contextual environment, with emphasis on organisational modification theories and techniques. Also analysed are the contextual determinants of organisation and the mechanisms through which these determinants influence the organisation and its people. Subject coverage includes examination of theories and techniques for achieving successful enterprise modification to the organisation's changing environment.

**Prerequisite:** Enterprise Management 1: WEM1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** case studies (20%), one 2,000-word assignment (25%), tutorial work (5%), and one 3-hour examination (50%).

**Prescribed reading:**

Robbins, S., Waters-Marsh, T., Cacioppe, R. and Millet, B. *Organisational behaviour: concepts, controversies and applications*, Prentice Hall, Australia 1994.

**FINANCE (15 CPs. Summer or Sem. II. Bu.) FIN2 Mr Bernard Bollen**

This is the foundation subject in finance, on which all later studies depend and covers financial decisions, valuation and the capital market, an introduction to portfolio theory and the capital asset pricing theorem, interest rates and the mathematics of finance, efficient market hypotheses, financial ratio analysis and option pricing.

**Prerequisite:** IMI1.

**Incompatible subject:** BFI2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial assignments (10%), one 1-hour mid- semester examination (20%) and one 2-hour final examination (70%).

**Prescribed reading:**

Bishop, S. R. et al., *Corporate finance*, 4th edn, Holt Rinehart & Winston 1999.

**FINANCIAL ACCOUNTING 2 (15 CPs. Sem. I or II. Bu. Sem. I, Sh.)****FA2 Mrs Carmel Capitanio and Dr Xu-dong Ji**

This covers corporate financial accounting and reporting at an intermediate level. It provides students with an understanding of the corporate reporting environment and the economic implications of accounting numbers. The subject incorporates evaluation and application of selected accounting standards, as well as the preparation of corporate group financial reports which satisfy legal, professional and regulatory requirements.

**Prerequisite:** FA1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** four case studies (5%) each, one mid-semester examination (10%) and one 3-hour final examination (70%).

**FINANCIAL MARKETS AND INSTITUTIONS (15 CPs. Sem. II. Bu.)****FMAI2 Mr Leo Langa**

This provides an essential institutional background for students intending to study third year subjects in areas such as monetary and financial economics and corporate finance. It covers the institutional and operational aspects of the Australian financial system, comprising an introduction to the financial sector and the tools of analysis, the major financial instruments, the financial markets and the major financial institutions including their investment policies. The subject also provides an appreciation of the evolving nature of the Australian financial system and the present force of innovation in financial markets.

**Prerequisite:** completion of all first year subjects.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one mid-semester test (20%) and one 2-hour final examination (80%).

**Prescribed reading:**

McGrath, M. and Viney, C. *Financial institutions, instruments and markets*, 2nd edn, McGraw-Hill, 1996.

**GLOBAL TRADING ISSUES (15 CPs. Sem. I. Bu.) GTI2 Mr Geoff Edwards**

In this subject students examine topics in the functioning of the International Economy. Among the topics examined are: comparative

advantage and the gains from trade; the balance of payments; foreign investment; international terms of trade; relationships between sectors in open economies; exchange rates; protectionism; and the international financial system. Selected case studies of international policies in areas such as agriculture, resources and the environment are presented.

**Prerequisite:** IM11 or equivalent.

**Class requirements:** two-hours of lectures and one 1-hour tutorial per week.

**Assessment:** assignments and essay (30%) and one 2-hour examination (70%).

**HUMAN RESOURCE MANAGEMENT 2 (15 CPs. Summer or Sem. I. Bu. Sem. I. Aw., Sh.) HRM2/WHRM2** Bu: Dr Darcy McCormack. Aw: Ms Rosemary Kelly

The subject explores the operational and strategic issues of managing staff in the workplace. It examines the challenges facing human resource managers in contemporary Australian organisations and seeks to develop an understanding of human resource management practices in our continually changing social, economic, industrial relations and organisational environments.

**Prerequisite:** Bu. Sh.: FOM1, is recommended. Aw/Sh WEM1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial or seminar per week.

**Assessment:** Bu., Sh.: one seminar presentation (10%), tutorial participation (10%), one, 1,500-word essay (20%) and one 2-hour examination (60%). Aw: tutorial exercises (10%), one 1,500-word assignment (15%), project (25%), and one 3-hour examination (50%).

**Prescribed reading (Aw):**

Nankervis, A. R., Compton, R. L. and McCarthy, T. E. *Strategic human resource management*, 2nd edn, Nelson 1996.

**INDUSTRIAL ECONOMICS 2 (15 CPs. Sem. II. Aw.) WIE22** Mr Lin Crase

This subject provides students with a theoretical and empirical study of how the structure of an industry and conduct of sellers and buyers effects economic performance and welfare. It brings traditional microeconomic theory into a contemporary perspective and enables students to apply economic theory to the role of the firm in the Australian economy. Students are encouraged to make judgements about the performance of markets and firms, and the desirability or otherwise of current public policy. Key topics include the theory of the firm, the structure, conduct, performance model, government action – regulation and deregulation.

**Prerequisite:** Microeconomic Principles 1: WMAP1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** option 1: in-term tests (30%), tutorial participation (10%) and one 3-hour examination (60%). Option 2: in-term tests (30%), tutorial participation (10%), assignment (15%) and one 3-hour examination (45%).

**Prescribed reading:**

Shepherd, W. G. *The economics of industrial organisation*, 3rd edn, Prentice Hall 1990.

**MACROECONOMIC THEORY (15 CPs. Sem. I or II. Bu.) MAT2** Dr Sisira Jayasuriya, Dr Mardi Dungey and Dr Gillian Hewitson

This is an intermediate macroeconomic theory subject. It concentrates on the theory of aggregate demand, aggregate supply, unemployment and inflation, in an open as well as closed economy context and on basic business cycle and growth theory. It includes reference to the applicability of these theories to the Australian economy.

**Prerequisite:** IM11, BAES1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial work (20%) and one 2-hour examination (80%).

**Prescribed reading:**

Mankiw, N.G. *Macroeconomics*, 3rd edn, Worth Publishers Inc 1996.

**MANAGEMENT ACCOUNTING A (15 CPs. Summer or Sem. I or II. Bu., Sem. I. Sh.) MA2A** Ms Suzanne Salmon

Managerial accounting provides organisations with internal financial and non-financial information required for the three functions of planning, controlling and decision making. This subject enables students to develop an understanding of the elements of management accounting and the way in which cost information is used in undertaking these functions within the context of a manufacturing concern. The subject examines the nature and behaviour of product cost information and students should be able to apply their understanding of this to decision-making situations using both a quantitative and a qualitative approach.

**Prerequisite:** AFMD1

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial-based work (15%), one, mid-semester examination (15%) and one 3-hour final examination (70%).

**Prescribed reading:**

Langfield-Smith, K., Thorne H. and Hilton, R. W. *Management Accounting An Australian Perspective*, 2nd edn, McGraw-Hill 1998.

**MANAGEMENT ACCOUNTING B (15 CPs. Summer or Sem. I or II. Bu. Sem. II. Sh.) MA2B** Ms Suzanne Salmon

Management Accounting B further develops the concepts of management accounting and provides analytical methods for both short-term and long-term managerial decisions. Topics include budgeting standard costing and variance analysis, capital budgeting, inventory management, performance measurement and contemporary developments in management accounting. Students are required to use computer spreadsheets to solve problems.

**Prerequisite:** AFMD1 and MA2A.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** assignments (30%) and one 3-hour examination (70%).

**Prescribed text:**

Langfield-Smith, K., Thorne, H. and Hilton, R. W. *Management accounting An Australian perspective*, 2nd edn, McGraw-Hill 1998.

**MANAGEMENT COMMUNICATIONS 2 (15 CPs. Sem. I. Aw.) WMC2** Ms Angela Dwyer

The importance of communication both within and outside the organisation from a management perspective is emphasised. Students examine how managers communicate with individuals and groups, and their need for significant oral and written skills. Topics include effective communication, intercultural communication conflict resolution and, negotiation, gaining and imparting information, and written communications, oral presentations. Practical skills are developed throughout the course.

**Class requirements:** 1-hour lecture and one 2-hour tutorial per week.

**Assessment:** tutorial exercises (10%), one assignment (15%), one oral presentation (20%) and one 3-hour examination (55%).

**Prescribed reading:**

Dwyer, J. *Communication in Business*, 3rd edn, Prentice-Hall, 1999 Sydney.

Keamy, R. and Reed, J. *Study Skills Guide* 2nd edn, 1995 La Trobe University.

**MANAGEMENT INFORMATION SYSTEMS 2 (15 CPs. Sem. I. Bu. Sem. II. Aw.) MIS2/WMIS2** Mr Bernard Bollen

This is intended for students who have completed Management Information Systems 1 and wish to further their knowledge and understanding. It provides students with an awareness of the role of computer-based information systems in today's competitive business environment. More specifically, it concentrates on the computer-based information systems required to support the information needs and decision making in modern organisations.

At the conclusion of this subject, students should be able to demonstrate an understanding of the fundamental concepts of information systems in business and how information systems support efficiency, effectiveness and transformation in business, the systems approach and how it can be useful in problem solving, various types of organisational structures and how information systems are used in each, the strategic use of information systems, the computer resources available to managers, and the way in which these resources can be used at all levels of decision making and in the major functional management areas. In addition to theoretical aspects, students are introduced to practical issues through the use of database software in computer laboratory classes.

**Prerequisite:** Bu: MIS1. Aw: WMIS1 and WFAC1 or WMAC1 or equivalent.

**Class requirements:** two 1-hour lectures and one 2-hour computer laboratory session per week.

**Assessment:** Bu: one computer assignment (20%), two minor case studies (20%) and one 2-hour examination (60%). Aw: Contact the School.

**Prescribed reading (Bu.):**

Shelley, G., Cashman, T. and Rosenblatt, H. *Systems Analysis and Design*, 3rd edn, International Thomson Publishing, 1998.

**MANAGEMENT SCIENCE (15 CPs. Sem. I. Bu. Sem. II. Sh.) MSC2** Dr Harry Burley

This is an introduction to quantitative decision making. Topics covered are selected from asset management, the analysis of queues control, decision making under uncertainty, quality inventory control and simulation. Statistical tools are developed to analyse manufactur-

ing, employee scheduling, financial, marketing and the location of facilities. Students are encouraged to solve real-world problems as part of their participation in this subject.

**Prerequisite:** IQA1 or BAES1 or equivalent.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial or practical class per week.

**Assessment:** one test (20%), one project (10%) and one 2-hour examination (70%).

#### **Prescribed reading:**

Render, B. R. and Stair, B. M. *Quantitative analysis for management*, 6th edn, Allyn and Bacon 1997.

**MANAGERIAL ECONOMICS (15 CPs. Sem. II. Bu., Sh., Aw.) MANEC2/WMANEC2** Sh: Dr Katrina Alford. Aw: Mr Lin Crase

This subject introduces the range of economic theory relating to the management of an enterprise, including theories relating to demand, production, organisation of the firm, the nature of an industry, pricing and investment policies, the economics of information and the impact of government policy. In particular it focuses on how theory can help a manager discover the solution to practical problems.

**Prerequisite:** Bu., Sh.: IM11. Aw: WMIP1.

**Incompatible subject:** MIT2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial or seminar per week.

**Assessment:** Bu., Sh.: one 1-hour mid-semester test (20%) and one 3-hour examination (80%). Aw: one 1-hour mid-semester test (20%) and one 2-hour examination (80%).

#### **Prescribed reading (Bu., Sh.):**

Baye, M.R. *Managerial economics and business strategy*, Irwin 1997.

#### **Prescribed reading (Aw.):**

Mansfield, E. *Managerial economics*, Norton 1990.

**MARKETING PRINCIPLES AND PRACTICE (15 CPs. Sem. I or II. Bu. Sem. I. Aw. Sem. II. Sh.) MPAP2/WMPP2** Bu., Sh.: Mr Railton Hill and Dr Clare D'Souza. Aw: Mr Peter Lamb

This is an introduction to marketing principles and concepts as applied to both goods and service products. Topics include the marketing concept, intermediate and final consumer buyer behaviour, the marketing planning process, environment analysis, identifying specific markets through market segmentation, the basic strategies of product, pricing, distribution, promotion, positioning, and the management of an integrated marketing program.

**Class requirements:** Bu., Sh., Aw.: two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** continuous assessment (35%) and one three-hour final examination (65%). Aw: tutorial exercises and presentation tutorial and case studies (15%), one 1500-word assignment (20%), mid semester test (15%) and one 3-hour examination (50%).

#### **Prescribed reading (Aw.):**

McColl-Kennedy, J. R., Kiel, G., Lusch, R. F., and Lusch, V. N.

*Marketing: concepts and strategies*, 2nd edn, Nelson 1994.

(Bundoora): Kotler, Armstrong, Brown, Adam & Chandler, *Marketing (Australia & New Zealand edition)*, 4th edn, Prentice Hall, Sydney 1998.

**MARKETING RESEARCH 2 (15 CPs. Sem. II. Aw.) WMR2** Mr Lin Crase  
Subject not available at Bundoora Campus for 2000.

Students are introduced to techniques used in the marketing research process. The subject is taught from a decision-making perspective and includes a study of both qualitative and quantitative techniques. Students have the opportunity to apply many of the quantitative skills learned in other subjects and to learn new skills in research design, information collection, sampling and data analysis across the spectrum of exploratory, descriptive and causal research.

**Prerequisite:** Introductory Business Statistics 1 and Marketing Principles and Practice 2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one assignment (10%), one assignment (15%), one assignment (25%) and one 2-hour examination (50%).

#### **Prescribed reading:**

McDaniel, C. and Gates, R. *Contemporary marketing research*, 3rd edn, West 1995.

**MICROECONOMIC THEORY (15 CPs. Sem. I or II. Bu.) MIT2** Dr Xiangkang Yin

This is an intermediate microeconomic theory subject which expounds demand theory, producer theory, price determination, industry structure and some welfare economics.

**Prerequisite:** IM11, IQA1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial assessment (10%), mid-semester test (20%) and one 2-hour final examination (70%).

#### **Prescribed reading:**

Varian, H. *Intermediate microeconomics: a modern approach*, 4th edn, Norton International Student 1996.

**MODERN WORLD ECONOMY 2 (15 CPs. Sem. II. Bu.) MWE2** Dr Lionel Frost, Mr Michael Schneider

This subject introduces students to the major changes in the international economy since 1900, in the context of contemporary developments in economic theory. Topics include the international gold standard, the economic impact of the two world wars, the Great Depression and Keynesian macroeconomics, the reconstruction of the international monetary and trading systems after 1945, the emergence of multinational capital and transnational corporations, OPEC, Thatcherism, Reaganomics and economic rationalism, debt crises, long waves of economic growth, and the collapse of communism.

**Prerequisite:** IMA1, IM11.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** essays (30%) and one 2-hour final examination (70%).

**ORGANISATIONAL BEHAVIOUR (15 CPs. Sem. I or II. Bu., Sem. I, Sh.) OBE2** Dr Gian Casimir

Organisational behaviour aims at understanding and managing people at work in order to improve an organisation's effectiveness. It is a multidisciplinary examination of what people do in organisations and has three levels of analysis: Individual, group, and organisation. This subject explores all three levels of analysis as well as the influence of national culture on organisational behaviour. Particular emphasis is placed on psychological aspects of organisational behaviour. There will be a weekly two-hour lecture. Students are required to attend a weekly one-hour tutorial in which they will participate in debates, create job profiles, and analyse case studies.

**Prerequisite:** OAM1 or FOM1.

**Incompatible subject:** OAM2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 1500 word essay (25%), one debate (10%), tutorial attendance (5%), one 2-hour examination (60%).

#### **Prescribed reading:**

Robbins, S. et al, *Organisational Behaviour: leading and managing in Australia and New Zealand*, Prentice Hall 1998.

**PRINCIPLES OF ELECTRONIC COMMERCE 2 (15 CPs. Sem. I. Aw.) WPEC2** Mr Evan Patullo

This subject provides students with an understanding of the principles and concepts of electronic commerce, the enabling technologies and the ways that it is used in a range of businesses in Australia and overseas. There will also be a study of design issues as they relate to the creation of World Wide Web pages. It is assumed that students have a broad understanding of the role of Information Technology within businesses, as well as some of the terminologies associated with networks. Successful students will have the requisite skills to undertake other subjects within the Electronic Commerce stream.

**Prerequisite:** WFCEC1 Fundamentals of Computing and Electronic Commerce 1 or equivalent.

**Class requirements:** one 2-hour lecture, one 1-hour tutorial and one 1-hour laboratory session per week.

**Assessment:** two assignments, one of which is practical (20%) one, 2,500-word research paper (30%), and one 3-hour examination (50%).

**PROGRAMMING STRUCTURES AND ALGORITHMS IN C 2 (15 CPs. Sem. I. Aw.) WPSA21** Mr Evan Patullo

This subject is designed to introduce the concepts of structured problem-solving techniques and their application to computers. Topics covered include an introduction to problem-solving, algorithmic representation using NS diagrams and pseudocode, top-down design, modularisation, and testing procedures. While the concepts studied are language-independent, students use the C programming language to implement solutions.

**Class requirements:** two 1-hour lectures and one 2-hour lab or tutorial per week.

**Assessment:** tutorial exercises (10%), two major practical assignments (40%) and one 3-hour examination (50%).

**PUBLIC POLICY 2 (15 CPs. Sem. II. Bu.) PPO2** Mr Geoff Edwards  
In this subject an account is provided of the conditions under which efficient economic outcomes are achieved, with the roles of markets and governments in securing efficient and equitable outcomes examined. The concepts considered include basic welfare theorems.

market failure, government failure, equity, public goods, externalities, monopoly, uncertainty, assignment theory, voting models, interest groups and bureaucracy, constitutional rules, preference revelation, optimal pricing, optimal taxation, program budgeting and cost-benefit analysis. The concepts are applied to selected policy topics that may include, industry policy, defence, environmental policy, taxation, education, alcohol or drug regulation, fiscal deficits, tariffs and minimum wages, and resource project analysis.

**Prerequisite:** IMI1 or PPO1.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one, 4,000-word project (30%) and one 2-hour final examination (70%).

**Prescribed reading:**

Stiglitz, J. E. *Economics of the public sector*, 2nd edn, W. W. Norton & Co. 1988.

**PUBLIC RELATIONS: CONCEPTS AND PRACTICE 2 (15 CPs. Sem. I.**

**Aw.) WPRCP2 Mr Peter Lamb**

*Not available in 2000.*

**PUBLIC RELATIONS: RESEARCH AND EVALUATION 2 (15 CPs. Sem.**

**II. Aw.) WPRRS2 Mr Peter Lamb**

*Not available in 2000.*

**SALES MANAGEMENT 2 (15 CPs. Sem. I. Aw.) WSM2 Mr Peter Lamb**

This subject is designed to develop a students knowledge of personal selling and sales management from a marketing perspective. The nature of the personal selling process is examined in detail and the manner in which a firm's sales efforts are organised is discussed, together with the implementation and control of the sales force and programs. Ethical considerations of selling and legal and implications are evaluated. Contemporary developments in sales methods are examined and their impact evaluated against the organisation's marketing objectives and strategy.

**Prerequisite:** Enterprise Development 2: WED2.

**Co-requisite:** Marketing Principles and Practice 2.

**Class requirements:** two 2-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial presentations and interactive exercises (10%), sales presentation (20%), major assignment of 2,000 words (30%) and one 3-hour examination (40%).

**Prescribed reading:**

Patton, M. *Australian selling*, Nelson, South Melbourne 1994.

**SYSTEMS ANALYSIS AND DESIGN IN BUSINESS 2 (15 CPs. Sem. I.**

**Aw.) WSAD2 Mr Evan Patullo**

In this subject the application of basic systems theory in the business environment is explained. Students are then expected to learn and apply the tools and techniques of analysis and design (project management tools, decomposition, flow and narrative tools, data flow diagrams and entity-relationship diagrams, CASE and prototyping). Design methodologies are then examined with the overall purpose of establishing systems analysis and design as a business discipline.

**Prerequisite:** Management Information Systems 1: WMIS1.

**Class requirements:** two 1-hour lectures and one 2-hour lab. class or workshop per week.

**Assessment:** one, 500-word assignment and two, 1,500-word assignments (40% total) and one 3-hour examination (60%).

**TOTAL QUALITY MANAGEMENT IN BUSINESS 2 (15 CPs. Sem. II.**

**Aw.) WTQM2 Mr Peter Lamb**

*Not available in 2000.*

**Third year subjects**

**ADVANCED ACCOUNTING (15 CPs. Sem. II. Bu.) AAC3 Dr Kamran**

**Ahmed and Mr Dean Ardern**

Examines in-depth the theoretical foundations of accounting concepts and the related practices. The subject includes an examination of the nature and objectives of external financial reporting, including the elements of financial reports, alternative valuation models for external financial reporting purposes and a critical evaluation of the impact of the current research based on finance driven precepts and current accounting practice.

**Prerequisite:** FAC2 or FA2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial.

**Assessment:** Assignments (40%) and one 2-hour final examination (60%).

**APPLIED ECONOMICS (15 CPs. Sem. II. Bu.) AEC3 Dr David Prentice**

This subject gives students practical skills in the application of standard quantitative techniques to issues in research. It is designed

to integrate economics and econometrics by showing the way in which each contributes to the other in the exploration of concrete research topics. After a concise review of the fundamental results of classical econometric theory, the course works through a series of applications. Such as capital asset pricing models, learning effects, hedonic price indices, wage determination, macroeconomic modelling etc., showing in each case how econometric methods can be used to estimate key parameters using real, rather than text-book, data. In each case data is provided for students to replicate the key experiments and do some further research of their own. It provides a strong foundation to applied research in economics and finance.

**Prerequisite:** BST2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 2,500-word project (35%), tutorial exercises (15%) and one 2-hour examination (50%).

**Prescribed reading:**

Berndt, E. R. *The practice of econometrics: classic and contemporary*, Addison-Wesley 1991.

**ASIA IN THE WORLD ECONOMY (15 CPs. Summer or Sem. I. Bu.)**

**AITWE3**

Students consider the interaction of various regions of Asia with the world economy. The starting point in this subject will be the rapidly growing role of East Asia and increasingly South East Asia and, to a lesser extent, South Asia, in the world economy during the last thirty years or more. Students will study changing patterns of trade, investment and labour flow within Asia and between Asia and the rest of the world and the varying degrees of economic integration within different regions of Asia.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 2,000-word essay (20%), tutorial presentation (20%) and one two-hour final examination (60%).

**AUDITING (15 CPs. Sem. II. Bu., Sem. II. Sh.) AUD3 Mrs Carmel**

**Capitanio**

The process of an independent audit of a set of financial statements is reviewed. This subject examines the legal and professional requirements of an auditor and the tools used by the audit profession. It includes a study of the concept of auditing and its role in society. An IT approach to auditing is taught.

**Prerequisite:** FAC2, FA2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial presentation (5%), one, 1,000-word essay (15%), one, 1,200-word group assignment (10%) and one 3-hour final examination (70%).

**AUSTRALIAN ECONOMIC HISTORY (15 CPs. Sem. I. (15 CPs. Sem. I.**

**Bu.) AEH3 Dr Lionel Frost**

This subject provides a broad overview of the development of the Australian economy from prehistoric times to the present. Major themes include the interactions of the environment and the economy and the link between politics and the economy. The subject covers a diverse range of material and arguments, including the latest trends in research in economic history. The subject is non-mathematical and suitable for students from all courses.

**Incompatible subjects:** EDE2, EDE3.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 2,000-word essay (25%), tutorial work (15%) and one 2-hour final examination (60%).

**BUSINESS ANALYSIS AND FORECASTING (15 CPs. Sem. II. Bu.)**

**BAF3 Mr Robert Pereira**

This subject considers the design and application of simulation models applied in analysing the problems faced by business organisations in forecasting possible outcomes. The first part of the subject concentrates on the structuring of business problems in a form that is suitable for simulation and is followed by the development and use of appropriate techniques. Computer simulation is used to solve difficult problems and evaluate systems and strategies. Spreadsheets are used as the means of implementing simulation models. An essential part of the course consists of group assignments, which test students' abilities in using simulation methods to solve real world business problems.

**Prerequisite:** any one of; BMO2, MSC2, MIS2, BST2 or equivalent.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1-hour examination (40%), major simulation project (40%), tutorial presentation and assignments (20%).

**Preliminary reading:**

Profzich, D., *Managing change with business process simulation*, Prentice Hall 1997.



**Prescribed reading:**

Evans, J. R. and Olson, D. L. *Introduction to simulation and risk analysis*, Prentice Hall, 1998.

**BUSINESS ETHICS (15 CPs. Sem. II. Bu.) BET3**

Ethical dilemmas are encountered by managers in both the public and private sectors. A sensitivity to ethical issues and the development of relevant problem-solving skills are the objectives.

*Class requirements:* one two-hour lecture and one one-hour tutorial per week.

*Assessment:* one, seminar paper (25%), one essay (25%) and one 2-hour final examination (50%).

**Prescribed reading:**

Shaw, W. H. *Business Ethics*, Wadsworth 1996.

**COMPETITION POLICY AND LAW (15 CPs. Sem. I. Bu.) CPL3**

Professor Rodney Maddock and Mr David Wishart

This subject deals with the interface between government and business in our society. It is taught as an interactive subject involving students from the School of Business with those from the School of Law and Legal Studies bringing their different skills to the analysis of contemporary issues. These include consideration of whether proposed mergers of large companies should be allowed (e.g. the banks); how we should assess whether firms are engaged in illegal price fixing (e.g. petrol pricing); under what conditions firms should be allowed to use each other's infrastructure (e.g. Telstra's network); and how the law in the areas is made (e.g. the Hilmer report). Groups of students work in teams to present analyses of issues such as these. *Incompatible subject:* Legal Studies 3 CPL.

*Class requirements:* three hours of class contact per week.

*Assessment:* one project (50%) and one 2-hour final examination (50%).

**COMPUTER PROJECT (ANALYSIS AND DESIGN) 3 (15 CPs. Sem. I. Aw.) WPAD3**

Mr Evan Patullo

Students undertake the analysis of a real business problem and design a software-based solution. The problem is assigned in a business organisation and the student undertakes the necessary research, prepares a software requirement specification and a detailed design solution to the problem.

*Prerequisite:* Systems Analysis and Design 2: WSAD2.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* on-going assessment of analysis and design, public presentation of research (20%), software requirement specifications (30%) and software design description (50%).

**COMPUTER PROJECT (IMPLEMENTATION) 3 (15 CPs. Sem. II. Aw.)**

WCPI3 Mr Evan Patullo

The system designed to overcome the business problem in Computer Project (Analysis and Design) 3 will be implemented with user manuals and user training.

*Prerequisite:* Computer Project (Analysis and Design) 3: WPAD3.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* writing of software package (60%), completion of user manual (20%), and implementation and training (20%).

**CONSUMER BEHAVIOUR 3 (15 CPs. Sem. I. Aw.) WCB3**

Mr Peter Lamb

The subject aims to introduce students to a simple model of consumer behaviour and to consumer analysis as a foundation of marketing management. Consumers should be the centre of the marketing effort as it is only through this knowledge that the needs and wants of consumers can be identified. The subject aims to teach the principles of consumer behaviour, and demonstrates the value of recent research in the field. The principle of consumer primacy is fundamental to modern marketing and is encapsulated in Ross Perot's slogan, 'the customer is king'. Knowledge of how consumers act, or are likely to act, is critical to market planning. Specifically, such knowledge helps marketers define and segment markets, plan and evaluate strategies, and forecast likely patterns. The study of consumer behaviour is just as applicable to organisational markets and to non-profit organisations as to consumer markets. On a broader scale, consumer behaviour, and the findings of research based on its principles, figures prominently in the formulation of public policy and the creation and revision of government regulations.

*Prerequisite:* Marketing Principles and Practice 2: WMPP2.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* two assignments, 2,500 words each (40%), tutorial presentation (10%), and one 3-hour examination (50%).

**Prescribed reading:**

Craig-Lees, M., Joy, S. and Brown, B. *Consumer behaviour*, Wiley 1995.

**CORPORATE FINANCE (15 CPs. Sem. I. Bu., Sem. I. Sh.) CFI3**

Darren Henry

This subject addresses the theoretical and practical aspects of corporations. The background is the theory of the firm and in particular, the influence of corporate objectives and strategy on the finance function. Topics covered are, the price of company securities, the evaluation of capital projects, risk in the evaluation process, sources of finance, the workings of money and capital markets, the cost of capital, corporate structure and treasury management. These develop themes in security analysis, mergers and take-overs, failure and reorganisation and small firm finance.

*Prerequisite:* MAC1, MA2A and FIN2 are highly recommended.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one, tutorial presentation (5%), one, 1,000-word assignment (10%), one, 1,500-word assignment (15%) and one 3-hour final examination (70%).

**Prescribed reading:**

Van Horne, J., Wachowicz, J., Davis, K. and Lawriwsky, M. *Financial Management and Policy in Australia*, 4th edn, Prentice Hall, 1995.

**CORPORATE STRATEGY 3 (15 CPs. Sem. I. Bu.) CST3**

Corporate strategy focuses on the underlying determinants of business success. It dwells on the techniques applied by top management to gain competitive advantage, and the patterns of decisions and actions taken to guide the firm in competitive environments. Key topics in corporate strategy include industry and competitor analysis, generic strategies, core competency, manufacturing competitiveness, diversification and integration, international business strategy, organisational structure and controls, and re-engineering. Students of corporate strategy will apply concepts in strategic management to the solution of the problems presented in case studies involving real firms.

*Prerequisite:* OBE2.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* one 2-hour final examination (50%) and progressive assessment (50%).

**Prescribed reading:**

Hill, Charles W. and Jones, Gareth R. *Strategic management theory: an integrated approach*, 4th edn, Boston, Houghton Mifflin Company, 1998.

**DATABASE PROGRAMMING USING FOURTH GENERATION LANGUAGES 3 (15 CPs. Sem. I. Aw.) WDPFGL3**

Mr Evan Patullo

Database design methodologies and advanced relational database theory will be covered. Students will work with fourth generation languages to design, implement and compare the database structures covered in the theoretical part of the subject. Object oriented database structures will be explored.

*Prerequisite:* Systems Analysis & Design 2: WSAD2.

*Class requirements:* two 1-hour lectures and one 2-hour lab or workshop per week.

*Assessment:* three practical assignments (50% total) and one 3-hour examination (50%).

**DIRECTED READINGS 3 (15 CPs. Sem. I or II. Bu.) DRE3**

An individual reading project. This subject will be available as necessary and at the discretion of the Head of School. It may be taken only at third, fourth or fifth year levels.

*Class requirements:* students are required to discuss their reading project individually with their supervisors at weekly intervals.

*Assessment:* essay(s) or a research report, as arranged for each individual student (100%).

**ECONOMETRIC METHODS (15 CPs. Sem. I. Bu.) EME3**

Successful completion will equip students with the necessary skills in econometric techniques to carry out independent empirical studies. This subject presents a unified theory of likelihood methods used to estimate and test the validity of economic relationships. Objectives are to learn: (i) maximum likelihood estimation and likelihood ratio, Wald and Lagrange multiplier tests, (ii) simultaneous equations and various estimation techniques, including instrumental variable methods and limited information and full information simultaneous equation estimators, (iii) testing for unit roots in time series and for co-integration and causality in bivariate models and (iv) applications of these techniques to various empirical examples in economics and finance and some diagnostic testing.

*Prerequisite:* BST2 or equivalent.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* four projects (50%) and one 3-hour final examination (50%).



**Preliminary reading:**

Maddala, G.S. *Introduction to econometrics*, 2nd edn, Prentice Hall 1992.  
Gujarati, D. N. *Basic econometrics*, 3rd edn, McGraw-Hill 1995.

**ELECTRONIC COMMERCE PROJECT 3 (15 CPs. Sem. I. Aw.) WPEC3**

Mr Evan Patullock

You will have the opportunity to put into practice many of the theoretical aspects of your course through undertaking the analysis, design and implementation of a real-life electronic commerce project for a business. A business will be assigned to each student who will then be required to fully analyse the needs of that business, designing a solution to meet those needs, and implement the solution. Students will be required to prepare a software requirements specification and a design specification for their project, and must be able to justify their design by reference to various design guidelines covered in other subjects within the electronic commerce stream. They will also be required to fully test and document their project.

*Prerequisite:* WPEC2, WSAD2/WMIS2.

*Incompatible subjects:* WMPAD3, WMPI3.

*Class requirements:* an introductory three hour session (week one) covering requirements of the subject. Two, 3 hour sessions (weeks six and seven) for formal presentations of analysis & design. Students are required to meet regularly with their lecturer throughout the semester to discuss the progress of their project.

*Assessment:* 25 minute formal presentation of analysis & design (Weeks six and seven) - 3,000 words, (50%) and one, 3,000 word completed project (50%).

**ELECTRONIC MARKETING 3 (15 CPs. Sem. I. Aw.) WEMKTG3 Mr**

Peter Lamb

This subject aims to develop and extend the theory and practice of marketing and marketing management to electronic technologies. Students will have an opportunity to apply skills learned in this subject, and other subjects, by combining the technical aspects of electronic technologies to the marketing interface of a business. Topics covered include present position of electronic marketing in Australia, segmentation of electronic markets, marketing strategies for electronic technologies, interactive selling, pricing and pricing policy for electronic markets, measuring performance of electronic marketing and managing change within the marketing organisation.

*Prerequisite:* WMPP2, WMR2.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* One 1500 word essay (15%), one 3,500 word electronic marketing project (45%), and one 3-hour examination (40%).

**Prescribed reading:**

Adam, S. and Westberg, K. *Electronic Marketing @ Internet* Prentice Hall 1998.

**ENTREPRENEURSHIP 3 (15 CPs. Sem. II. Aw, Sh.) WENT3 Ms**

Dianne McGrath

This subject takes a planning approach to the function of entrepreneurship in the management of small to medium enterprises and analyses the processes of new venture development. The subject is grounded on the basic premise that sound business planning is an essential component of good management and particularly critical to successful entrepreneurship. The subject examines the nature of entrepreneurship, the processes of new venture planning and entrepreneurial approaches to such topics as structure, strategy, finance and valuation, while taking a strong focus on the management of growth within the enterprise. A central theme of the subject is the development by students of a business plan for a new venture. The principles of entrepreneurship are made relevant to the corporate environment.

*Prerequisite:* Enterprise Management 1: WEM1.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one, 3,500 to 4,000-word comprehensive business plan (40%), tutorial presentation (10%) and one 3-hour examination (50%).

**Prescribed reading:**

Longeneckes, J., Moore, C. and Retty, J., *Small Business Management an entrepreneurial emphasis* 10<sup>th</sup> edn, Thomson Publishing.

**ENVIRONMENTAL LAW AND MANAGEMENT (15 CPs. Sem. I. Bu.)**

COB31ELM Dr John Kennedy

This subject considers ecological economics: valuing the environment, government intervention and market failure, management of fisheries and forests, costs of losses in biodiversity and habitat. Conservation law: Also, taken into account is the biodiversity and environmental protection, legislation in Australia and overseas, international treaties, public and private rights. Threatening processes: legal and social frameworks, organisational constraints.

*Prerequisite:* COB21IC.

*Co-requisite:* COB31AC.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.  
*Assessment:* three, practical assignments (30%), and one 2-hour final examination (70%).

**Prescribed reading:**

Kahn, J. R. *The economic approach to environmental and natural resources*, 2<sup>nd</sup> edn, Harcourt Brace, 1997.

**FINANCE INDUSTRY CASE STUDY (15 CPs. Sem. II. Bu.) FICS3 Dr**

Darren Henry

*Available to Bachelor of Finance students only.*

Comprises an examination of fictitious and practical case studies in various fields of finance. The objectives are to gain an understanding of how theoretical concepts are applied in a practical setting, to develop the ability to analyse real life situations and to develop the communication skills required in a business environment.

*Prerequisite:* FIN2.

*Class requirements:* 3-hours per week of finance case studies.

*Assessment:* weekly case studies (70%) and one, 3,000-word major research project (30%).

**FINANCIAL ACCOUNTING 3 (15 CPs. Sem. I or II. Bu., Sem. II. Sh.)**

FA3 Mr Dean Ardern

Students will examine accounting theory and how it relates to some of the major problem areas in present day financial accounting. The subject deals with the role of theory in accounting and the major methodologies and approaches used in formulating an accounting theory. The subject also examines how these approaches to theory development have been used to solve problems, both past and present, in financial reporting. Particular attention will be given to the examination of the principal alternative valuation models to historical cost, the main positive/explanatory theories of accounting practice and the institutional and regulatory environment of accounting in Australia.

*Prerequisite:* FA2.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* mid-semester test (20%) and one three-hour final examination (80%).

**FUNDAMENTALS OF COMPUTER NETWORKS 3 (15 CPs. Sem. II.**

Aw.) WFCN3 Mr Evan Patullock

This subject introduces students to the fundamentals of setting up, administering and maintaining a variety of small to medium computer local-area networks using three of the most commonly used networking software packages for both peer-to-peer and client-server networks. The content will include an introduction to the particular software, setting up the network, administration of users and accounts, and identifying and rectifying problems.

*Class requirements:* one 2-hour lecture, one 2-hour laboratory session and one 1-hour tutorial.

*Assessment:* theory examination (20%), three practical exams (45%), major assignment (25%) and attendance and participation in tutorials (10%).

**GAMBLING, RISK AND INSURANCE (15 CPs. Sem. I, Bu.) GRI3**

Professor Pat O'Malley, Dr Iain Fraser

This subject deals with the phenomenon of gambling from a number of different perspectives. It considers the underlying legal framework within which gambling and insurance take place, the relationship between gambling and insurance, the social context of gambling in Australia, and the economics of the industries.

*Prerequisite:* either IMI1 or LAW1LR.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* two assignments (20% each), one 2-hour final examination (60%).

**Prescribed reading:**

Productivity commission, enquiry into gambling in Australia, AGPS, 1999.

**HEALTH ECONOMICS (15 CPs. Sem. I, Bu.) HE3**

This subject treats the economics of health systems and the major policy issues confronting the Australian health system. Topics include market characteristics, market failure and regulation, demand analysis and human capital, the production of health and health care, the nature of demand in the health sector, hospital models and hospital payment, health care funding, alternatives to Medicare, and evaluation of pharmaceuticals.

*Prerequisite:* IMI1.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* three assignments (10% each), one practical assignment (10%), and one 2-hour final examination (60%).

**Prescribed reading:**

Rice, T. *Economics of health reconsidered*, Health administration press, 1998.  
 Mooney, G. and Scotton, R. (eds.) *Economics and Australian health policy*, Allen and Unwin, 1998.

**HISTORY OF ECONOMIC THOUGHT (15 CPs. Sem. I. Bu.) HOET3 Mr Michael Schneider**  
 Subject not available in 2000.

**HUMAN RESOURCE MANAGEMENT 3 (15 CPs. Sem. II. Bu., Sem. II, Sh.) HRM3/WHRM3 Bu: Dr Lou Will**

Enables students to acquire an ability to apply an analytical approach to human resource management issues, including staffing, job analysis, performance appraisal, compensation schemes, job security, motivation, and education and training, internal labour markets and industrial politics.

**Prerequisite:** MIT2, MANEC2 or HRM2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** tutorial work (40%) and one 2-hour examination (60%).

**INDUSTRIAL RELATIONS (15 CPs. Sem. I. Bu., Sh. Sem. II., Aw.)**

**IRE3/WIR3 Bu: Mr John King. Aw: Mr Peter Lamb**

Three inter-related areas are covered. The first is economic aspects of wages and industrial relations, the second is the sociological study of workers and managers, and the third is the major institutions of Australian industrial relations, including trade unions, employers' organisations, industrial tribunals and enterprise bargaining. Further topics include the evolution of wages policy, women at work and current controversies over the reform of the industrial relations system.

**Prerequisite:** Bu., Sh.: IMA1, 1MI Aw: WHRM3.

**Incompatible subject::** IRE2.

**Class requirements:** Bu., Sh.: one 2-hour lecture and one 1-hour tutorial per week. Aw.: two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** Bu., Sh.: one, 2,000-word essay (30%) and one 2-hour final examination (70%). Aw.: one project (20%), one project (25%) and one 3-hour examination (55%).

**Prescribed reading (Bu., Sh.):**

Deery, S., Plowman, D. and Walsh, J. *Industrial relations: a contemporary analysis*, 4th edn, McGraw-Hill 1997.

**Prescribed reading (Aw):**

Fox, C. B., Howard, W. A. and Pittard, M. J. *Industrial relations in Australia*, Longman Melbourne 1995.

**INTERNATIONAL ACCOUNTING (15 CPs. Sem. I. Bu.) IAC3 Dr Kamran Ahmed**

The development of accounting systems and disclosure practices in the USA, UK, Australia, France, Germany and selected Asia-Pacific countries is examined. Various international accounting agencies, such as the role of the IASC in international harmonisation is reviewed, along with a critical analysis of international accounting research methodology and contemporary issues. The performance evaluation of transfer pricing in multinational enterprises is also discussed. Students are required to write a research paper in addition to the end of the semester examination.

**Prerequisite:** FAC2, FA2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (60%), one 3,000-word research paper (30%) and a tutorial presentation (10%).

**Preliminary reading:**

Henderson, S. and Peirson, G. *Issues in financial accounting*, 8th edn, Longman 1998.

**Prescribed reading:**

Radebaugh, L. H. and Gray, S. J. *International accounting and multinational enterprises*, 4th edn, 1996.  
 International Accounting Standards.

**INTERNATIONAL BUSINESS ENVIRONMENT (15 CPs. Summer or Sem. I. Bu, Sem. I. Sh., Aw.) IBE3/WIBE3 Bu: Dr Sisira Jayasuriya. Aw: Mr Lin Crase**

This subject examines the changing patterns of world trade and international business institutions and managerial responses of these institutions to their dynamic and complex environment. This framework forms the basis for analysis of the factors affecting international business decision-making. The multinational enterprise is a particular focus of study, while significant aspects of the environment such as financial, cultural, economic and political, are examined and their influence assessed in relation to current and

future performance. Emphasis is also on discussion of current developments in the global economy.

**Prerequisite:** Bu., Sh.: IMA1 and IMI1. Aw: WMIP1, Macroeconomic Principles 1: WMAP1 and WED2.

**Class requirements:** Bu., Sh.: two 1-hour lectures and one 1-hour tutorial per week. Aw.: one 3-hour seminar per week.

**Assessment:** (Bu., Sh.): one, 3,000-word assignment (35%), tutorial assignments 15%, one 2-hour examination (50%). (Aw.): seminar presentations and participation (15%), one 1,200-word assignment (15%), one 4,000-word syndicated project (30%), one 3-hour examination (40%).

**Prescribed reading (Aw.):**

Hill, C. W. *International business: competing in the global marketplace*, Irwin, Chicago, 1997.

**INTERNATIONAL FINANCIAL MANAGEMENT (15 CPs. Sem. I. Bu.) IFM3 Dr Imad Moosa**

This subject covers theoretical and empirical aspects of international finance from the perspective of a firm whose performance is affected by the international financial environment. Topics include the international financial system, exchange rate determination and foreign exchange markets, international parity conditions, international financial markets and direct investment.

**Prerequisite:** FIN2 or BFI 2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one, mid-semester test (30%) and one 3-hour final examination (70%).

**Prescribed reading:**

Moosa, I. A. *International finance: an analytical approach*, McGraw-Hill 1998.

**INTERNATIONAL HUMAN RESOURCE MANAGEMENT (15 CPs. Sem II, Bu., Sh. ) IHRM3 Dr Darcy McCormack**

In this subject students' understanding of the theories of human resource management will be extended to incorporate the international dimension. This perspective underlies each of the topics to be examined. These will include the organisational context, international recruitment and selection, performance management, training and development, compensation, repatriation and labour relations. Underlying themes will be drawn and likely future challenges predicted.

**Prerequisite:** HRM2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** seminar presentation (10%), one 2,000 word essay (25%), one 2-hour final examination (65%).

**Prescribed reading:**

Dowling, P., Schueler, R. and Welch, D. *International human resource management*, 3rd edn, International Thompson Publishing, 1999.

**INTERNATIONAL MANAGEMENT (15 CPs. Sem. I. Bu.) IMG3 Dr Terri Joiner**

This subject examines management in a global context. The focus is on developing your understanding of national cultural differences and how these differences influence management practice. Topics include the meanings and dimensions of culture, motivation and leadership across cultures, comparative organisational design, and managing ethical and social responsibility in multinational organisations.

**Prerequisite:** FOM1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 1,500-word essay (30%), one 2-hour final examination (50%) and a group presentation (20%).

**Prescribed reading:**

Deresky, M. *International management: managing across borders*, 3rd edn, Addison Wesley 1997.

**INTERNATIONAL MARKETING (15 CPs. Sem. II. Bu., Aw.) IM3/WIM3 Bu: Dr Clare D'Souza. Aw: Mr Peter Lamb**

This subject focuses on the nature of the international marketplace and the problems and decisions facing managers of international marketing. It is comprehensive and practical covering marketing goods and services across national boundaries, as well as within different national markets. Major topic areas covered are the international marketing imperative, analysis of foreign environments, development of international marketing strategies and the implementation of marketing programs across different nations and within nations, with particular emphasis on the Asia-Pacific region.

**Prerequisite:** Marketing Principles and Practice 2: WMPP2 and Strategic Marketing Management 2: WSMM3.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** tutorial presentation and participation (15%), one, 1,500-word assignment (15%), one, 3,000-word assignment (30%) and one 3-hour examination (40%).

**Prescribed reading:**

Czinkota, M. R. and Ronkainen, I. A. *International marketing*, 4th edn, The Dryden Press 1998.

**INTERNATIONAL MONETARY ECONOMICS (15 CPs. Sem. II. Bu.)**

**IME3 Dr Sisira Jayasuriya**

This subject treats the theoretical and policy issues of international monetary relations at the intermediate level. After introducing the structure and functions of the foreign exchange market, the subject deals with issues such as the balance of payments adjustment mechanism, the process of exchange rate determination, the operation of the international monetary system and international economic integration.

**Prerequisite:** MAT2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one, 2,000 word essay (30%), tutorial attendance and participation 10% and one 2-hour final examination (60%).

**INTERNATIONAL TRADE 3 (15 CPs. Sem. I. Bu.) ITR3 Dr Sisira**

**Jayasuriya**

This covers topics in international trade, such as determinants and patterns of trade, industry policy, protection, international competitiveness and international trading blocs.

**Prerequisite:** MIT2 or MANEC2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1-hour mid-semester test (30%) and one 2-hour final examination (70%).

**Prescribed reading:**

Krugman, P. and Obstfeld, M. *International economics: theory and policy*, 4th edn, Harper Collins 1997.

**INVESTMENT AND PORTFOLIO MANAGEMENT (15 CPs. Sem. II. Bu.)**

**IPM3 Dr Imad Moosa**

Students investigate the theory and practice of investing in equities and fixed income securities. Topics include investment information, security analysis, portfolio theory, performance evaluation, economic and technical analysis, common stock valuation and bond investment.

**Prerequisite:** FIN2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial assignments (10%), one 1-hour mid-semester examination (20%), one 2-hour final examination (70%).

**Prescribed reading:**

Smith, R.K., Proffitt, D.L. and Stephens, A.A. *Investments*, West 1992.

**LOGISTICS (15 CPs, Sem. II. Bu.) LOG3**

This subject introduces logistics in the context of the management of business operations. It is a specialised area of management science focussing particularly on transportation problems and issues. It is structured around five broad topics: the logistics environment (production, transportation and storage); logistic decisions (facility location, inventory policy, production scheduling, handling decisions); logistics management; logistic control and international logistics.

**Prerequisite:** BMO2 or MSC2.

**Class requirements:** Two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** Assignments (30%), practical assignment (10%) and one 2-hour final examination (60%).

**Prescribed reading:**

Johnson, J.C. and Wood, D. F. *Contemporary logistics*, Prentice Hall, 6th edn, 1996.

Wood, D., Barone, A., Murphy, P. and Wardlow, D. *International logistics*, Chapman and Hall, 1995.

**MACROECONOMIC ANALYSIS (15 CPs. Sem. II. Bu.) MAA3 Dr**

**Gillian Hewitson**

This builds on the basic macroeconomic theory examined in Macroeconomic Theory 2 to develop a range of alternative approaches. A number of these are developed and used to examine macroeconomic problems of closed and open economies.

**Prerequisite:** MAT2.

**Class requirements:** two 1-hour lectures and one 1-hour seminar per week.

**Assessment:** a mid-semester test (30%) and one 2-hour final examination (70%).

**MANAGEMENT ACCOUNTING C (15 CPs. Sem. I. Bu.) MA3C Professor**

**Kim Langfield-Smith**

The purpose of this subject is to provide students with an understanding of contemporary management accounting techniques used within organisational settings. Case studies and professional and academic articles are used throughout this subject. Case studies allow students to understand the implications of strategic positioning for

management accounting, as well as obtain a more realistic view of management accounting problems.

**Prerequisite:** MA2B.

**Class requirements:** two 1-hour lecture and one 1-hour tutorial per week.

**Assessment:** two case study presentations (20%), one 1500 word essay (10%) and one 3-hour final examination (70%).

**MANAGEMENT AND LEGAL IMPLICATIONS OF ELECTRONIC COMMERCE 3 (15 CPs. Sem. I. Aw.) WEMLEC3 Mr Leo O'Reilly and**

**Ms Angela Dwyer**

This subject considers the changes taking place in the business environment due to the emergence of electronic commerce. The subject will focus on the financial and legal areas and consider management strategies to embrace the new era. Topics include a review of a range of businesses which have entered into electronic commerce; identification of the reasons for their use of electronic commerce; evaluation of successes and failures; SWOT analysis approach to management decision making; case studies on industry applications; critical analysis and identification of management implications. Electronic planning and accounting. A review of the major legal implications, areas affected and the necessary adaptations. Topics include contract, copyright, transaction and payment systems, security, data collection, taxation, defamation, potential criminal liabilities, web page issues:- linking, meta-tags, frame use, trade mark, domain names, regulation and the role of the regulators.

**Prerequisite:** WLCC1, WMAC1, WEM1.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** two, 2,500-word assignments (25% each), one 3-hour examination (50%).

**MANAGEMENT AND ORGANISATIONAL FORM (15 CPs. Sem. II. Bu.)**

**MOF3 Dr Chongwoo Choe**

This subject considers why firms have particular organisational forms. How do you decide how many departments to have? How do you keep departmental managers under control? How do you get all the departments to pull together in the best interests of the firm? The particular focus of the subject is on organisation, coordination and motivation. Relevant topics include managerial discretion, the internal structure and control apparatus of firms, transactions costs, hierarchies, individual behaviour and motivation.

**Prerequisite:** MIT2 or MANEC2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** a tutorial presentation (10%), a mid-semester test (30%) and one 2-hour final examination (60%).

**Prescribed reading:**

Milgrom, P. and Roberts, J. *Economics, organisation and management*, Prentice-Hall 1992.

**MANAGEMENT INFORMATION SYSTEMS 3 (15 CPs. Sem. II. Bu.,**

**Aw.) MIS3/WMIS3 (Bu.): Dr Harry Burley (Aw.): Mr Evan Patullo**

This subject extends the knowledge and understanding gained in Management Information Systems 2 and is designed for students who wish to further their knowledge and understanding of the area. The course examines computer-based information systems from the perspective of systems analysis, design and implementation. An understanding of the way in which information systems require integration with business strategies is developed. At the conclusion of this subject, students should be able to demonstrate an understanding of information systems planning, information systems analysis and design, implementation of information systems, strategies for the organisation of information systems, security and control of information systems and the integration of information systems strategies with business strategies.

**Prerequisite:** MIS2 or WMIS2.

**Class requirements:** (Bu.): two 1-hour lectures and one 1-hour tutorial per week plus additional laboratory sessions. (Aw.): one 2-hour lecture and one 2-hour laboratory session per week. Students will be expected to attend at least two extra hours in the computer laboratory per week.

**Assessment:** Bu.: two minor case studies (50%) and one 2-hour examination (50%). Aw.: assignments (50%) and one 3-hour examination (50%).

**Prescribed reading (Bu.):**

Laudon, K. and Laudon, J. *Management information systems: new approaches to organisation and technology*, 5th edn, Prentice-Hall 1997.

**Recommended reading (Aw.):**

Frenzel, C., *Management of information technology*, Boyd and Fraser 1992.

**MANUFACTURING MANAGEMENT 3 (15 CPs. Sem. I. Aw.) WMM3**

Mr Peter Lamb

Not available in 2000.

**MARKETING COMMUNICATION (15 CPs. Sem. I. Bu., Sh.) MC03 Mr Railton Hill**

An understanding of the role of integrated marketing communications in the total marketing mix is provided, with the particular roles of advertising, public relations, personal selling, sales promotion and direct marketing being explored and evaluated. Emphasis is placed on the practical skills of writing advertising briefs, news releases and marketing communications plans.

**Prerequisite:** MPAP2 and CBE2. Students without Consumer Behaviour 2 must seek the permission of lecturer-in-charge to enrol.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial.  
**Assessment:** one, 1,800-word tutorial paper (15%), one, 2,500-word integrated communication plan (20%) and one 3-hour final examination (65%).

**Prescribed reading:**

Belch, G. E. and Belch, M. A. *Introduction to advertising and promotion: an integrated marketing communications perspective*, 4th edn, Irwin 1997.

**MARKETING PRACTICUM (15 CPs, Sem. I, Bu.) MPR3 Mr Railton Hill**

In this subject students undertake an industrial work experience placement. They complete marketing duties according to a specific agreement with the host employer, under the supervision of an academic staff member. Students are expected to keep a detailed diary of their experiences. At completion of the placement students submit a detailed report which reflects on their learning in the placement, and on the marketing activity they have observed, in a structured way. Employers will provide feedback to students and their academic supervisors on student activities.

**Quota:** 10: Eligible students should contact the lecturer in charge in the first instance.

**Prerequisite:** MPAP2 and CBE2.

**Class requirements:** Orientation seminar, regular reporting to academic supervisor, debriefing seminar.

**Assessment:** Hurdle requirements: 1. Documented participation in the agreed program of work with an approved host employer, 2. Submission of detailed participation diary; Assignment 1: detailed structured evaluation report (90%), Assignment 2: media release summarising placement (10%).

**Preliminary reading:**

Kotler, P. et al. *Marketing* 4th edn, (especially Chapter 3 pp.68-95), Prentice Hall, Sydney, 1998.

**Prescribed reading:**

Bonoma, T. *The marketing edge*, Free Press New York, 1985.

**MARKETING RESEARCH (15 CPs. Sem. II. Bu., Sh.) MRE3 Dr Harry Burley**

This subject covers the tools for collecting, analysing and interpreting information relevant to marketing and consequential general business decisions. Topics include specifying information requirements, information collection methods and analysing and communicating the findings in the business environment. Students will design survey questions, and explore the ethical, sampling, validity and reliability issues associated with collecting information. A number of classes will be held in the computer laboratories to provide hands-on experience in analysing information.

**Prerequisite:** BAES1 and MPAP2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 1,200-word research proposal (10%), one, 1-hour test (20%), one, 2,500-word research report (20%) and one 2-hour final examination (50%).

**Prescribed reading:**

Burns, Alvin C. and Bush, Ronald F. *Marketing research*, 6th edn, Prentice Hall, 1998.

**MICROECONOMIC ANALYSIS (15 CPs. Sem. II. Bu.) MIA3 Dr David Prentice**

This subject complements Microeconomic Theory 2, so that students completing both subjects have a thorough grounding in the intermediate microeconomics necessary for third year subjects in economics and management. Topics include inter-temporal choice, risk and decision theory, capital markets and the pricing of capital assets, welfare economics and market failure, game theory, and information.

**Prerequisite:** MIT2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial assignments (10%), a mid-semester test (20%) and one 2-hour final examination (70%).

**Prescribed reading:**

Varian, H. R. *Intermediate microeconomics*, 4th edn, Norton 1996.

**MONEY AND BANKING (15 CPs. Sem. I. Bu.) MAB3 Dr Gillian Hewitson**

This subject focuses on the risks faced by financial institutions in a deregulated environment and the means by which these risks are assessed and managed. Central banking issues are also covered, including prudential supervision of the financial system and monetary policy implementation and transmission in a deregulated environment.

**Prerequisite:** MAT2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial assignments (10%), one 1-hour mid-semester examination (20%) and one 2-hour final examination (70%).

**MULTIMEDIA AND THE INTERNET 3 (15 CPs. Sem. II. Aw.) WMMI3**

Mr Evan Patullo

In this subject students will investigate how multimedia can be used in a variety of applications, including education and business, and in particular its relevance to providing an interface to electronic commerce via the Internet. Students will explore the use of the different media available for software development and their applicability in different situations, as well as the theory and application of screen design as it pertains to Human-Computer Interaction. The theory covered in this subject will be put into practice through the completion of practical projects.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial/practical session per week.

**Assessment:** one introductory practical assignment (20%), one major practical assignment (50%) and one, 1,500-word research project (30%).

**Prescribed reading**

Hofstetter, F. T. *Multimedia literacy*, 2nd edn, McGraw Hill 1997.

**OPERATIONS MANAGEMENT (15 CPs. Sem. I. Bu.) OPM3 Dr**

Xiangkang Yin

This subject provides a working knowledge of how the physical operations of a factory or other production site should be managed. The topics covered include design of goods and services, design of process and capacity, location selection, inventory management, aggregate scheduling, short-term scheduling, project scheduling and total quality control.

**Prerequisite:** MSC2 or BMO2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial/workshop per week.

**Assessment:** tutorial/workshop (30%) and one two-hour final examination (70%).

**Prescribed reading:**

Chase, R., Aquilano, N. and Jacobs, F. *Production and Operations Management*, 8th edn, McGraw-Hill 1998.

**OPTIMISATION FOR MANAGEMENT (15 CPs. Sem. I. Bu.) OFM3 Dr**

Xiangkang Yin

The subject is designed for students in accounting, management and business studies, it shows how statistical methods can be used to solve real business problems. Topics are chosen from allocation and assignment problems, queuing theory, sequencing and scheduling problems, transportation networks, inventory theory, decision theory and optimisation. The use of computers and commercially available software is integrated into all topics.

**Prerequisite:** a second year quantitative subject.

**Incompatible subject:** MSC3.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial or workshop per week.

**Assessment:** continuous assessment (30%) and one 2-hour final examination (70%).

**Preliminary reading:**

Render, B. and Stair, R. M. *Quantitative analysis for management*, 6th edn, Allyn and Bacon 1997.

**Prescribed reading:**

Taha, H. *Operations research: an introduction*, 6th edn, Prentice-Hall International 1997.

**ORGANISATION THEORY (15 CPs. Sem. II. Bu.) OTH3 Dr Terri Joiner**

This subject exposes students to basic organisation theories and their importance to the success of firms in the rapidly changing business environment. The subject includes an examination of the three components that comprise organisation structure: complexity, centralisation, and formalisation. Organisation design, the constructing and changing of structure in order to meet organisation goals is examined, and factors that impact on the design process, such as the environment, technology, size, corporate culture and the wider societal culture, will also be considered.

**Prerequisite:** FOM1 is strongly recommended.

**Incompatible subject:** OAM3.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** a group presentation (15%), a case study or essay (20%) and one 2-hour final examination (65%).

**Prescribed reading:**

Robbins, S. and Barnwell, N. *Organisation theory in Australia*, 3rd edn, Prentice Hall 1998.

**PERSONAL FINANCE (15 CPs. Sem. II. Bu.) PF3 Dr Gillian Hewitson**

This subject deals with personal financial planning and decision making. The principles of finance, mainly pertaining to financing and investment decisions, are applied to the case of an individual or a household with certain characteristics with respect to risk tolerance, the level of income and saving habits. The first part of the subject covers preliminaries such as identifying the financial goals, describing personal record keeping and analysing saving and consumption decisions, while the second part covers some miscellaneous financial decisions and related issues including consumer credit, the decision to buy personal residence and insurance. The third and major part deals with the various investment outlets available to the individual and includes fixed income securities, shares, commodities, collectibles and real estate. This part also covers some basic investment issues, such as the sources of information, as well as personal portfolio management.

**Prerequisite:** FIN2 or BFI2.

**Incompatible subject:** Business and Personal Finance 2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (70%), one 1-hour mid-semester examination (30%).

**PROJECT APPRAISAL (15 CPs. Sem. I. Bu.) PA3 Dr John Kennedy**

This subject introduces the techniques of project appraisal for evaluating private and public sector projects. Topics include the criteria for financial and economic decision making, measurement of consumer and producer surplus, net present values and internal rates of return, risk and uncertainty, shadow pricing, externalities, value of travel time and human life. Reference is made to case studies. The subject is practically oriented, with spreadsheets used for developing modules to deal with many of the topics covered.

**Prerequisite:** MANEC2 or MIT2.

**Incompatible subjects:** TPA3, CBA3.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** three assignments (15%), two 1-hour tests (20%), one 2,000-word seminar paper (20%) and one 2-hour final examination (45%).

**Prescribed reading:**

Zerbe, R. O. and Dively, D. D. *Benefit-cost analysis: in theory and practice*, Harper Collins 1994.

**PUBLIC MANAGEMENT (15 CPs. Sem. II. Bu.) PMAN3 Professor Rodney Maddock**

The public sector represents about 40 percent of the Australian economy. The rules under which it operates and the ways in which it is managed are quite different to those of the private sector. The objective of this subject is to familiarise students with the basic issues of public sector management including corporatisation, contracting out, incentive management, the budgetary process, Westminster government, administrative law, and public sector reform. Case studies from current Australian practice will be used as the basis for much of the course.

**Prerequisite:** MIT2 or MANEC2 or PPO2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (70%) and one, 2,000-word assignment (30%).

**PUBLIC RELATIONS: PROFESSIONAL WRITING 3 (15 CPs. Sem. I.**

**Aw.) WPRPW3 Mr Peter Lamb**

*Not available in 2000.*

**PUBLIC RELATIONS: ISSUES MANAGEMENT 3 (15 CPs. Sem. II. Aw.)**

**WPRIM3 Mr Peter Lamb**

*Not available in 2000.*

**RESEARCH PROJECT (15 CPs. Sem. I or II. Bu.) RPR3 Professor Kim Langfield-Smith**

Provides students with the opportunity to analyse and synthesise an important area of research in accounting, finance or management. This subject is highly recommended for those students intending to study honours in commerce or business.

**Prerequisite:** permission of the Head of Department of Accounting and Management.

**Class requirements:** students are required to discuss their project individually with their supervisors at weekly intervals.

**Assessment:** a research paper (80%) and an oral presentation (20%).

**RESOURCE ECONOMICS AND POLICY (15 CPs. Sem. II. Bu.) REP32**

**Dr Iain Fraser**

This subject applies economic principles and methods of analysis to the use of renewable natural resources. Topics include measures of natural resource scarcity and the issue of sustainable resource use, interaction of resource use and economic growth, property rights and externalities, alternative approaches to the problem of pollution and environmental issues relating to international trade. Applications of policy analysis will be selected from the areas of land degradation, water use, salinity problems, forestry, fisheries, wildlife and pests.

**Prerequisite:** MANEC2 or MIT2.

**Class requirements:** two hours of lectures and one tutorial per week.

**Assessment:** assignment and essay (30%) and one 2-hour final examination (70%).

**RETAIL MANAGEMENT 3 (15 CPs. Sem. II. Aw.) WRM3 Mr Peter Lamb**

You will develop an understanding of the key internal and external variables affecting retailing. The subject covers specific areas of planning relevant to merchandising, promotion, buying, pricing and stock control in the retailing process. A strategic approach is taken to the requirements of planning and controlling, buying and selling, and operating a retail enterprise.

**Prerequisite:** Enterprise Management 1: WED1 and Human Resource Management 3: WHRM3.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 2,000-word assignment (20%), a field trip project (30%) and one 3-hour examination (50%).

**RISK AND FINANCE 3 (15 CPs. Sem. I. Aw.) WRF3 Dr Gamini Herath**

This subject has been developed specifically for the Bachelor of Business degrees. It will introduce the basic concepts of risk and uncertainty, sources and the significance of risk and risk analysis in business. The subject will deal with general concepts of probability, expected utility theory and risk aversion and investment criteria and the basic features and functions of capital and security markets. Risk management strategies such as portfolio choice and diversification, and financial markets such as futures and option markets, form a major part of the subject. It will contain three case studies to highlight the problems in empirical application of the principal concepts discussed.

**Prerequisite:** Microeconomic Principles 1: WMIP1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorials (10%), mid-semester examination (30%) and one 3-hour examination (60%).

**Recommended reading:**

Anderson, J. R. et al, *Agricultural decision analysis*, 1st edn, Iowa State University Press 1977.

Mansfield, E. *Managerial economics*, 1st edn, Chapter 13, W.W. Norton and Company Ltd.

Varian, H. R. *Intermediate microeconomics*, 3rd edn, Ch 11: pp 199-210, Ch 12: pp 212-227 and Ch 13: pp 230-242, W.W. Norton and Company Ltd.

**RISK MANAGEMENT (15 CPs. Sem. II. Bu.) RMA3 Dr Imad Moosa**

Firms operate in a continuously changing economic environment. As such, one of their main aims is to reduce the level of risk. This subject introduces risk management. It is concerned with the design and application of various techniques to deal mainly with interest rate and exchange rate risk. Practical applications are emphasised together with the utilisation of the financial instruments of futures, options and swaps. The subject also deals with security design as behaviour towards risk.

**Prerequisite:** FIN2 or BFI2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one mid-semester test (30%) and one 3-hour final examination (70%).

**Prescribed reading:**

Campbell, T. S. and Kracaw, W. A. *Financial risk management*, Harper Collins 1992.

Moosa, I. A. *International Finance: An Analytical Approach*, McGraw Hill, 1998.

**SERVICES MARKETING (15 CPs. Sem. II. Bu. Sem. I. Aw., Sh.) SMA3/ WSEM3 Bu: Mr Railton Hill. Aw: Mr Peter Lamb**

The services industry is the fastest growing sector nationally and globally. The subject develops an understanding of the special characteristics of services marketing, as compared with goods



marketing, and builds on the fundamental principles of marketing. Major topic areas covered are distinguishing characteristics of services and service organisations, service buyer behaviour, customer satisfaction and service quality, developing and managing the services marketing mix and managing demand and supply in service industries. Case studies and scholarly literature are presented to highlight important concepts, issues and developments, while evaluation of current research is also a particular focus.

**Prerequisite:** Bu: MPAP2 and CBE2. Aw., Sh.: WMPP2 and WSM3.

**Co-requisite:** Aw., Sh.: CBE3.

**Class requirements:** Bu.: two 1-hour lectures and one 1-hour tutorial per week. Aw., Sh.: two 2-hour seminars per week.

**Assessment:** (Bu): one, 3,000-word major research paper (25%), one class presentation (10%) and one three-hour final examination (65%). (Aw., Sh.): tutorial participation and presentations (15%), an applied project of 2,000 words (20%), a 1,500 word case study (15%) and one 3-hour examination (50%).

**Prescribed reading (Bu.):**

Lovelock, C., Patterson, P. and Walker, R. *Services marketing Australia and New Zealand*, Prentice Hall 1998.

**Prescribed reading (Aw., Sh.):**

Payne, A. *Essence of Services Marketing*, Prentice-Hall 1993.

**STRATEGIC MARKETING MANAGEMENT (15 CPs. Sem. II. Bu., Sh., Aw.) SMM3/WSMM3** Bu: Dr Clare D'Souza. Aw: Mr Peter Lamb

This is the final subject in the marketing major sequence. The subject provides a comprehensive and practical understanding of strategic management of the marketing process in a competitive environment. A central focus is the preparation of a marketing plan for a specific product or service and/or alternatively, a detailed marketing audit. Skills of strategy formulation, implementation and control, as well as reporting and presentation of marketing initiatives are developed in this subject. A review of advanced issues in marketing, including the current state of the discipline, is a further focus.

**Prerequisite:** MPAP2/ WMPP2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** Bu., Sh.: one, 2,500-word marketing plan or audit (25%), tutorial presentation (15%) and one 3-hour final examination (60%). Aw.: tutorial presentation (10%), a case study (15%), a marketing plan (25%) and one 3-hour examination (50%).

**Prescribed reading (Bu., Sh.):**

Cravens, D. *Strategic marketing*, McGraw Hill Co. Inc., 1997

**Prescribed reading (Aw.):**

Reed, P. *Marketing Planning & Strategy*, 2<sup>nd</sup> edn, Harcourt Brace 1997.

**TAXATION (15 CPs. Sem. I or II. Bu, Sem. I, Sh.) TAX3**

This subject develops an understanding of Commonwealth income tax legislation and the implications of income tax on the individual and business enterprise. A practical approach is taken to the subject matter and topics include, objectives of taxation policy, construction of tax legislation, the general concepts of income and allowable deductions, determination of taxable income and tax payable, special classes of taxpayers, returns and assessments, objections and appeals, collection and recovery of taxation, arrangements to avoid tax, substantiation provisions and an introduction to capital gains and fringe benefits tax.

**Prerequisite:** FAC1A/FA1 and Legal Studies: L1LBA.

**Assessment:** one 3,000-word written report (20%), tutorial participation (10%) and a final examination (70%).

**TAXATION LAW AND PRACTICE 3 (15 CPs. Sem. I. Aw, Sh.) WTLAP3** Mrs Dianne McGrath

You will be familiarised with the principles of taxation from a personal and a business perspective. You will be introduced to the Income Tax Assessment Act, assessable income, capital gains tax, fringe benefits tax, allowable deductions, depreciation, trading stock, rebates of tax and administrative provisions. Some taxes in Australia other than income tax are introduced. Students are expected to show an understanding of the Income Tax Assessment Act by applying its provisions to practical examples and assignment problems.

**Prerequisite:** Legal Studies 1 LCC: WLCC1 and Financial Accounting 1: WFAC1.

**Class requirements:** Sh.: two 1-hour lectures and one 1-hour tutorial per week. Aw.: 3-hour seminar.

**Assessment:** (Sh.): two, 2,000-word assignments (40%) and one 3-hour examination (60%). (Aw.): one, 2,000 word assignment (20%), one mid semester test (20%) and one 3-hour examination (50%).

**Prescribed reading:**

Master tax guide, current edn, C. C. H. Australia Ltd.

Neithercott, L. J. and Shaw, G. L. *Australian taxation study manual*, 7th edn, CCH Australia Ltd 1997.

**TOTAL QUALITY MANAGEMENT AND MANAGEMENT OF CHANGE 3 (15 CPs. Sem. II. Aw.) WTQMMC3** Mr Peter Lamb

You will explore advanced techniques of total quality management such as quality function deployment, benchmarking, and organisation re-engineering. Problems with implementation of TQM within an organisation and the concept of the learning organisation are analysed. Sources of change are identified, as well as barriers. Managing and implementing change and techniques of overcoming resistance are covered.

**Prerequisite:** Total Quality Management in Business 2.

**Class requirements:** two 1-hour lectures and two 1-hour workshops or tutorials per week.

**Assessment:** two major assignments of 3,000 words each (50%) and one 3-hour examination (50%).

#### FOURTH YEAR SUBJECTS

**ACCOUNTING THEORY (15 CPs. Sem. I. Bu.) ATH4** Dr Kamran Ahmed and Mr Dean Ardern

This subject examines the evolution of accounting thought during the 20th century. It relates this progression of ideas to the adoption of a series of research concepts and methods which have become available in accounting from both internal sources and also from related disciplines. The focus of the subject is on the growth of systems of ideas and objectives as integrated projects and ventures. Students become familiar with all pivotal and otherwise important contributions to accounting theory.

**Class requirements:** one two-hour seminar per week.

**Prerequisite:** AAC3.

**Prescribed reading:**

Godfrey, J., Hodgson, A. and Holmes, S. *Accounting theory*, 3rd edn, John Wiley and Sons 1997.

**ADVANCED MANAGERIAL ECONOMICS (15 CPs, Sem. I. Bu.) AME4**

This subject applies economic theory and game theory to develop strategic thinking for solving managerial problems. Applications include strategic pricing and investment, planning entry/exit and responding to similar moves by competitors, completion through innovation and product differentiation. In addition, skills are developed further through participation in a simulation game where students manage their own firm in direct competition with other students.

**Class requirements:** One 2-hour seminar per week.

**Assessment:** Problem sets (20%), simulation results (20%) and one 2-hour final examination (60%).

**Prescribed reading:**

Besanko, D., Dranove, D. and Shanley, M. *Economics of strategy*, John Wiley & Sons, 1996.

**ADVANCED TAX 4 (15 CPs. Sem. I. Bu.) ATA4**

Selected topics in the taxation of corporations and trusts are considered.

**Prerequisite:** TAX3 or equivalent.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one, 5,000-word essay (100%).

**AGRICULTURAL MARKETING AND POLICY (20 CPs Sem. I.)**

**AGR41AMP** Mr Geoff Edwards

This subject is introduced with a consideration of competing hypotheses about policy. Emphasis is placed on identifying and examining actual and alleged causes of economic efficiency. Amongst these are government intervention in markets, resource immobility, externalities and instability and uncertainty. The advantages and disadvantages of different policies for dealing with various sources of inefficiency are discussed. Several interpretations of equity are distinguished and their implications for agricultural policy are also considered. The marketing topics treated will include marketing arrangements for particular industries and options available to farmers to reduce market risk. In their assignment, students will examine policy for an agricultural industry and write a report in which they recommend changes in policy that will increase economic efficiency and enhance equity.

**Class requirements:** 39 lectures and 12 1-hour tutorials.

**Assessment:** assignment (40%) and one 2-hour final examination (60%).

**Prescribed reading:**

Godden, D. *Agricultural and resource policy*, OUP, Melbourne, 1997.



**CONTEMPORARY ISSUES IN MANAGEMENT 4 (15 CPs. Sem. I. Bu.)**

**CIM4 Dr Darcy McCormack**

Students gain an understanding of the internal processes and dynamics of organisations and the nature of an organisation's interactions with its environment. They should demonstrate an ability to analyse the impact of technological, strategic, human, environmental and cultural factors on decision making in organisations.

**Prerequisite:** Organisational Behaviour: OBE2 or equivalent.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** one seminar presentation (10%), one, 2,500-word research essay (25%) and one 3-hour final examination (65%).

**CORPORATE STRATEGY 4 (15 CPs. Sem. II. Bu.) CST4**

This subject develops further the areas covered in Corporate Strategy 3. It covers advanced topics in the strategy area including developing global strategies and strategic investment. The subject will use case studies to allow students to apply strategic concepts in real-life contexts.

**Prerequisite:** CST3.

**Class requirements:** one 2-hour seminar per week. This subject involves group participation, therefore attendance is compulsory.

**Assessment:** one mid-semester examination (20%), problem sets (10%), simulation results (20%) and one 2-hour final examination (50%).

**ECONOMETRIC METHODS 4 (15 CPs. Sem. I. Bu.) EME4 Dr Param Silvapulle**

This subject will mainly cover a number of topics in time-series econometrics and develops students' interest and understanding of the concurrent development of economics and finance theories. Topics covered are: (i) the basic econometrics, estimation, testing, and diagnostic checks, (ii) lagged models, short-run and long-run multipliers, adaptive and partial expectation models, (iii) stochastic difference equation models, ARMA models, model selection, (iv) non-stationary time series, testing for trends, and unit roots, co-integration, and causality testing, and (v) impulse response function and variance decomposition.

**Prerequisite:** Econometric Methods 3: EME3 or equivalent.

**Class requirements:** one 2-hour lecture and one 1-hour practical class per week.

**Assessment:** Four projects (50%) and one 3-hour final examination (50%).

**Prescribed reading:**

Enders, W. *Applied econometrics time series*, Wiley 1995.

Gujarati, D. N. *Basic econometrics*, 3rd edn, McGraw Hill 1995.

Maddala, G. S. *Introduction to econometrics*, 2nd edn, Maxwell Macmillan 1991.

**ENVIRONMENTAL ECONOMICS AND POLICY (15 CPs. Sem. I. Bu.)**

**EECP4 Dr John Kennedy**

This subject analyses the optimal management of the environment as a source of material, biological and recreational resources and as a sink for wastes generated from production and consumption. The efficacy of alternative policies for controlling pollution is examined, using the theory of externalities. Management of exhaustible resources, fisheries and forestry is considered, with applications to the international harvesting of southern blue fin tuna, and to management of mountain ash stands in the central highlands. Additional topics are the precautionary principle, and the preservation of biodiversity.

**Class requirements:** two hours of lectures per week.

**Assessment:** one mid-semester test (20%), one, 2,500-word research essay (20%) and one 3-hour final examination (60%).

**Prescribed reading:**

Hanley, N. J., Shogren, J. and White, B. *Environmental economics: in theory and practice*, Macmillan Press, 1997.

**FINANCIAL ECONOMETRICS (15 CPs. Sem. II. Bu.) FEC4 Dr Imad Moosa and Dr Param Silvapulle**

This subject covers time series and distributional properties of financial series and teaches how to model and estimate risk and return relationship of assets, estimate and test standard and non-standard capital asset pricing models and anomalies, evaluate portfolio performance, and test various efficient market hypotheses. Further, it covers modelling, estimating and forecasting financial markets' volatility, and modelling and estimating some derivative asset price series. On successful completion of this subject students should understand how and why financial market data differ from typical economic data, be aware of recent developments in econometrics designed for financial applications, and have obtained practical experience in application of these methods and in report writing based on the results of analyses designed for financial settings.

**Prerequisite:** Econometric Methods 3: EME3 or equivalent.

**Class requirements:** one 2-hour lecture and one 1-hour workshop per week.

**Assessment:** two major projects (25% each) and one 3-hour final examination (50%).

**Preliminary reading:**

Ball, R. et al., *Share markets and portfolio theory*, 2nd edn, University of Queensland Press 1989.

Taylor, S. *Modelling financial time series*, Wiley and Sons 1986.

**Prescribed reading:**

Mills, T. C. *The econometric modelling of financial time series*, Cambridge UP 1993.

**FINANCIAL MANAGEMENT (15 CPs. Sem. I. Bu.) FMA4 Dr Darren Henry**

The theoretical, practical and institutional aspects of financial management are covered, with topics including the investment decision under uncertainty; the cost of capital, the capital asset pricing model (CAPM), the dividend decision, options and hybrid securities, stock market efficiency, capital investment decisions, and corporate take-overs and restructuring.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** two assignments one of 1,500-words and one 2,000-words (30%) and one 3-hour final examination (70%).

**Prescribed reading:**

Peirson, G., Brown, R., Easton, S. and Howard, P. *Business Finance*, 7th edn, McGraw Hill 1998.

**HISTORY OF ECONOMIC THEORY (15 CPs. Sem. II. Bu.) HOET4 Mr Michael Schneider**

This subject examines, successively, at an advanced level, the history of classical and neo-classical economic theory. The first part of the subject involves an investigation of the theories of value, distribution and growth put forward by Quesnay, Adam Smith, Ricardo, Malthus, Marx and the neo-Ricardians. The second part turns to an examination of the marginal utility, marginal productivity and general equilibrium theories advanced by Menger, Böhm-Bawerk, Jevons, Marshall, Walras, Pareto and Barone. The subject includes a brief examination of the usefulness of the ideas of Popper, Kuhn and Lakatos in explaining the emergence of neo-classical economic theory and in comparing it with classical economic theory.

**Class requirements:** one 2-hour lecture and seminar papers per week.

**Assessment:** one seminar paper (20%), one 3-hour final examination (80%).

**Preliminary reading:**

Heilbroner, R. L. *The worldly philosophers*, 6th edn, Penguin 1986.

**Prescribed reading:**

Schumpeter, J.A. *History of economic analysis*, Allen & Unwin 1954.

**HUMAN RESOURCE MANAGEMENT 4 (15 CPs. Sem. II. Bu.) HRM4**

**Dr Darcy McCormack**

Students gain an appreciation of the benefits of a strategic approach to challenges facing management in the area of human resources. The reasons behind managerial decisions are analysed in the context of the employment relationship.

**Prerequisite:** Human Resource Management 2: HRM2.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** one, 2,500-word research essay (30%) and one 3-hour final examination (70%).

**INTERNATIONAL MONETARY ECONOMICS (15 CPs. Sem. I. Bu.)**

**IME4 Dr Imad Moosa**

This subject focuses on exchange rate determination and open-economy macroeconomics. The topics cover international parity conditions and various models of exchange rate determination, including the monetary model, the flow model, the portfolio balance model, the currency substitution model and the news model.

**Class requirements:** two hours of lectures per week.

**Assessment:** one assignment (10%), one mid-semester examination (20%) and one 3-hour final examination (70%).

**Preliminary reading:**

Moosa, I. A. and Bhatti, R. H. *International parity conditions: theory, econometric testing and empirical evidence*, Macmillan 1997.

Copeland, L. *Exchange rates and international finance*, 2nd edn, Addison Wesley 1994.

**INTERNATIONAL TRADE (15 CPs. Sem. II. Bu.) ITR4 Dr Sisira Jayasuriya**

Topics in international trade such as patterns and determinants of trade, protection, new trade theory, multinational enterprises, and trade and growth are covered in this subject.

**Prerequisite:** International Trade 3: ITR3.

**Class requirements:** two hours of lectures per week.

**Assessment:** two, 2,500-word research essays (20% each) and one 3-hour final examination (60%).

**Prescribed reading:**

Markusen, J., Melvin, J., Kaempfer, W. and Maskus, K. *International trade: theory and evidence*, McGraw-Hill 1995.

**LABOUR ECONOMICS (15 CPs. Sem. I. Bu.) LEC4 Dr Lou Will**

This is a theoretical and empirical survey of labour economics, emphasising the Australian context, but drawing upon international comparisons. The subject begins with the theory of labour supply and demand, looks at internal labour markets, unions, inequality and unemployment, and concludes with an introduction to the analysis of macroeconomic labour market policy.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** one essay (30%) and one 3-hour final examination (70%).

**MACROECONOMICS (15 CPs. Sem. I. Bu.) MAE4 Dr Mardi Dungey**

This subject deals with the main topics of modern macroeconomic theory and is designed to provide students with the theory, tools and techniques relevant to macroeconomic analysis. The subject covers issues in long run growth, employment, inflation, investment and macroeconomic policy. Students are made aware of the application of these theories in the Australian context, and the important differences between the domestic and international economies.

**Class requirements:** two hours of lectures per week.

**Assessment:** one, 1,500-word research essay and class exercises (30%) and one 3-hour final examination (70%).

**MANAGEMENT ACCOUNTING 4 (15 CPs. Sem. I. Bu.) MAC4 Professor Kim Langfield-Smith**

This subject examines in depth some aspects of contemporary management accounting. A major focus is the design of management accounting systems in an uncertain, changing environment. The subject materials consist primarily of theoretical and empirical research papers.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one 3,000-word essay (30%), one seminar presentation (20%), written case analysis (20%) and two case presentations (15% each).

**MANAGEMENT INFORMATION SYSTEMS 4 (15 CPs. Sem. II. Bu.)**

**MIS4 Dr Harry Burley**

This subject aims to enable students to further their analytical and practical skills by directing their attention to contemporary developments in management information systems and their implications for management and organisations.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one 2,000-word project (30%), one 1,000-word presentation (20%) and one 2-hour final examination (50%).

**MICROECONOMICS (15 CPs. Sem. I. Bu.) MIE4 Dr Harry Clarke**

Following an exposition of background mathematics (convexity analysis), this subject expounds the central part of microeconomic theory in a rigorous, analytical way. Topics covered include producer, consumer theories, market equilibrium, general equilibrium theory and welfare economics, the economics of risk and uncertainty, microeconomic dynamics and the economics of information and search. Although the subject emphasises theory, practical applications to a variety of industrial, managerial and econometric problems are given. Considerable attention is placed on solving applied modelling tasks in class and by written student assignments.

**Class requirements:** two hours of lectures per week.

**Assessment:** 10 quantitative problems (30%) and one 3-hour final examination (70%).

**Prescribed reading:**

Varian H. *Microeconomic analysis*, 3rd edn, Norton & Co. 1992.

**MONEY, BANKING AND FINANCE (15 CPs. Sem. II. Bu.) MBAF4 Dr Gillian Hewitson**

This subject gives students exposure to financial and monetary economics as well as some aspects of banking in an international environment. The subject deals with the theory, empirical evidence and institutional aspects of each topic. Topics include the theory of money, interest rates, monetary policy and financial innovation.

**Class requirements:** one 2-hour lecture per week.

**Assessment:** internal assessment (30%) and one 2-hour final examination (70%).

**Prescribed reading:**

Deitel, H.M. and Deitel, P. C. *How to Program*, Prentice Hall 1994.

**PUBLIC POLICY 4 (15 CPs. Sem. II. Bu.) PPO4**

This subject deals with the foundations of public economics. The implications of externalities, public goods and nonconvexities for public policy are examined, and issues of collective choice and implementation under incomplete information are presented. The central topic of the course is the rationale for public intervention in decentralised economies. Case studies from Australia and other economies dealing with topics such as income distribution, health, education and social services illustrate the main theoretical ideas.

**Class requirements:** two 1-hour lectures per week.

**Assessment:** two essays (40%) and one 2-hour final examination (60%).

**RESEARCH METHODOLOGY 4 (15 CPs. Sem. I. Bu.) RMA4 Dr Kamran Ahmed**

The goal of this subject is to equip fourth year students with the skills to successfully undertake a piece of independent research. The subject includes lectures on the selection and definition of a research problem, the preparation and evaluation of a research plan, sampling and measurement, the scientific method, and data analysis. Several classes are devoted to critically analysing journal articles. Towards the end of the semester, students are required to present a literature review and outline of their research proposal to a panel of staff for formal assessment.

**Class requirements:** one 2-hour seminar per week.

**THEORY IN MARKETING (15 CPs. Sem. I. Bu.) TIM4**

This subject develops in students an advanced level of knowledge and skills in marketing theory and its application to marketing practice, and the further development of marketing theory through research. The subject examines contemporary philosophy of marketing science and the state of the marketing theory in a variety of selected key areas. Students develop an advanced level of marketing knowledge and skills which enable them to undertake postgraduate research in marketing.

**Prerequisite:** CBE2 or permission of Head of Department of Accounting and Management. This subject is for honours students only.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one, 4,000 word research essay (60%), a seminar presentation (25%), class participation (15%).

**Prescribed reading:**

Hunt, S.D. *Modern marketing theory: critical issues in the philosophy of marketing science*, South-Western Publishing.

**School of Law and Legal Studies**

**Inquiries:** (03) 9479 2284.

The School provides opportunities for legal education through a range of degrees. The LLB program provides students with an innovative legal education that combines technical excellence with the insights and methods needed to appreciate law's place in society. Entry into the Bachelor of Laws is possible either from secondary school or following previous tertiary studies. Law may also be combined with a number of other degrees at La Trobe (see list below).

The Bachelor of Laws includes the subjects which the Victorian Council of Legal Education has approved as covering each of the areas of knowledge required for admission to legal practice. Students are given the freedom to construct the remainder of their law degree from a broad range of elective subjects. The electives include subjects with a practical skills component, such as clinical legal education, communication and advocacy skills, conflict resolution, and research methods. The law electives are described below.

The School now provides entry into a three year Bachelor of Legal Studies from secondary school. Students are able to combine legal studies subjects with subjects from other areas, such as business and management or the humanities and social sciences, with a view to preparing for a law related occupation. The School will advise students on sequences suitable for different destinations.

Legal studies subjects can also be taken as part of the University's Bachelor of Arts degree. They can be taken as single subjects or in a minor sequence or major in legal studies. The School can recommend combinations suitable, for example, to developing a speciality in criminology. For full details of the Arts degree, refer to the Faculty of Humanities and Social Sciences chapter of this Handbook. The individual legal studies subjects are described below.

The School teaches business law subjects to students enrolled in business, commerce, economics, finance, and tourism and hospitality degrees. Within some of these degrees, it is possible for a student to follow a sequence in law. The School can advise on suitable subjects. For full details of these degrees, refer to the relevant Schools elsewhere in the Faculty of Law and Management chapter of the Handbook.

Law and Legal Studies Courses

The Faculty's undergraduate law and legal studies programs are taught in a range of degrees:

Bundoora

- Bachelor of Arts
- Bachelor of Arts/Bachelor of Laws (entry after second year Arts)
- Bachelor of Economics/Bachelor of Laws (entry after second year Economics)
- Bachelor of Laws (3 year, graduate entry)
- Bachelor of Laws (4 year, undergraduate entry)
- Bachelor of Laws/Bachelor of Arts
- Bachelor of Laws/Bachelor of Behavioural Sciences
- Bachelor of Laws/Bachelor of Commerce
- Bachelor of Laws/Bachelor of Finance
- Bachelor of Laws/Bachelor of Science
- Bachelor of Legal Studies
- Bachelor of Legal Studies/Bachelor of Laws (entry after second year Legal Studies)
- Graduate Diploma in Law and Legal Studies
- Bachelor of Laws/Bachelor of Economics

BACHELOR OF LEGAL STUDIES

The degree provides students with an opportunity to pursue their interest in legal studies within a distinctive degree. Students will be recommended to pursue sequences combining legal studies subjects with suitable subjects drawn from other disciplines taught in the University. Through subject coordination, these sequences will develop academic coherence. The combinations will also be oriented towards employment in a range of law-related occupations. For example, the sequences may include criminology and criminal justice administration, business management and regulation, social policy research and implementation, and para-legal work in various settings. To underscore the vocational aspect of the degree, a clinical skills and research methods sequence will be required. Advice on the subjects which form part of these sequences will be available from the School.

Admission requirements

Prerequisites are a C-grade average in VCE English Units 3 and 4.

Degree requirements

Students admitted to the undergraduate degree of Bachelor of Legal Studies must:

- complete a total of three years of full-time study or its equivalent
- complete a total of 360 credit points
- complete a minimum of 220 credit points in legal studies
- complete a minimum of 140 credit points in non-legal studies subjects
- complete no more than 120 credit points at first year
- complete at least 120 credit points at third year
- complete a minimum of 60 credit points from the cluster of research methods and clinical skills subjects

Note: Students may take non-legal studies subjects from any area and sequence of studies offered at the University, subject to the approval of the School of Law and Legal Studies and the other area concerned.

Course structure

First year

(all subjects are worth 15 credit points)

Sem.

- 1 Two first year legal studies subjects
- 1 Two first year non-legal studies subjects
- 2 Two first year legal studies subjects
- 2 Two first year non-legal studies subjects

Second year

(all subjects are worth 20 credit points unless otherwise noted)

- 1 Two second year legal studies subjects<sup>1</sup>
- 1/2 Second year non-legal studies subjects totalling 40-45 credit points.
- 2 Two second year legal studies subjects<sup>1</sup>

Third year

(all subjects are worth 20 credit points unless otherwise noted)

- 1 Two third year legal studies subjects<sup>1</sup>
- 1/2 Third year non-legal studies subjects
- 2 Two third year legal studies subjects

Key: <sup>1</sup>Students must choose subjects totalling 60 credit points from the Research Methods and Clinical Skills cluster.

Professional Recognition

Completion of the course does not qualify a student for any Professional Recognition. Students who have completed the combined Bachelor of Legal Studies/Bachelor of Laws program should refer to the statement on Professional Recognition in the course description for the Bachelor of Laws.

Honours program

Legal Studies 4

honours program in legal studies

This is a full year program available only to students who have been admitted to either honours candidature or, in some cases, to Master of Arts (Preliminary) candidature in legal studies. The course comprises a research component, a compulsory research seminar and two elective subjects.

Research component

Completion of a research thesis. Research extends throughout the honours year and requires each student to produce a thesis on the chosen topic under supervision. Prospective candidates are strongly advised to identify a thesis topic and arrange for supervision prior to the end of their third year in the Bachelor program.

Research seminar

The compulsory research seminar is conducted throughout the year. Students are required to present papers on their individual research projects and upon the issues of theory and explanation they have chosen to pursue in these projects.

Elective subjects – choose two from the following list<sup>1</sup>:

Governing Strategies	LAWGS
Human Beings and Legal Persons	LAWHBLP
Legal Change, Legislation and Law Reform	LAWLCLR
Literature and Law	LAWLAL

(Refer to the Bachelor of Laws electives section for the subject descriptions.)

Not all of the electives will be available every year. <sup>1</sup>With the advice and consent of the Director of Honours, Research and Graduate Studies, it may be possible to undertake other subjects as electives in the honours program.

Prerequisites

Normally, completion of a three year pass degree. Achievement of at least a B (70-79%) grade in eight subjects, which normally should include at least five legal studies subjects. Completion of one Legal Studies Level 3 subject; one of L2SRM, L3SRM or, with the approval of the Director, Honours, Research and Graduate Studies, other subjects deemed to provide sufficient methodological background to enable the student to undertake socio-legal research.

Assessment:

Elective 1: one 5,000-word essay (20%). Elective 2: one 5,000-word essay (20%). Research seminar: one 2,000 to 2,500-word paper (10%), seminar participation and presentation (10%). Thesis: one 12,000 to 15,000-word thesis (40%). Satisfactory completion of the thesis is a condition of successful completion of Legal Studies 4. A final grade is awarded for Legal Studies 4 as a whole, not for each component of the program.

BACHELOR OF LAWS

(Graduate Entry)

Admission requirements

Graduates who have qualified for a bachelor degree of three years' duration in any discipline at any approved institution may apply to the School of Law and Legal Studies for direct entry to the course.

Degree requirements

Students must:

- complete at least a total of three years full-time study or its equivalent
- complete in sequence the required law subjects
- if admitted in or after 1998, complete a total of 405 credit points in law subjects, and complete in first year the
- subject Legal Skills in Context if they have no prior study of law or legal studies.
- if admitted before 1998, complete a total of 24 subjects in law

Course structure

First year

Sem.		Subject code	Credit points
1	Criminal Law	LAWCRML	20
1	Legal Skills in Context <sup>1</sup>	LAWLSC	15

1	Two law electives <sup>2</sup>		30
2	Administrative Law	LAWADML	20
2	Constitutional Law	LAWCONL	20
2	Constitutionalism	LAWCONM	15
2	Introduction to Legal Reasoning	LAWILR	15

**Second year**

1	Criminal Procedure and Evidence	LAWCPEV	20
1	Law of Torts	LAWTORT	20
1	Two law electives		30
2	Common Law, Courts and Remedies	LAWCLCR	15
2	Legal Practice and Conduct – B	LAWLPRCB	15
2	One law elective		15
2	Law of Contracts	LAWCONT	20

**Third year**

1	Corporations Law	LAWCORP	20
1	Property Law	LAWPROP	20
1	Two law electives		30
2	Civil Procedure	LAWCIVP	15
2	Law of Equity and Trusts	LAWEQTR	20
2	Law, Economics and Society	LAWLECS	15
2	One law elective		15

**Key:** <sup>1</sup>Required for those with no prior law or legal studies; others must complete a law elective in its place. <sup>2</sup>Three elective subjects are strongly recommended to first year students. They are, Criminal Justice, Foundations of Legal Studies and Human Rights Law. These subjects may also be taken in later years of the course.

**Honours**

Students may apply at the end of second year to take the third year in the form of an honours year. The honours thesis is taken in place of two law electives. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the honours year. Successful completion of the honours year will qualify them for the Bachelor of Laws (Honours).

**Professional Recognition**

The Bachelor of Laws includes those subjects approved by the Victorian Council of Legal Education (CLE) which must be successfully completed to qualify for admission to legal practice. To meet the requirements of the CLE, students must complete the subjects Criminal Law, Constitutionalism, Constitutional Law, Administrative Law, Law of Torts, Law of Contracts, Criminal Procedure and Evidence, Common Law Courts and Remedies, Property Law, Corporations Law, Law of Equity and Trusts, Law Economics and Society, Legal Practice and Conduct and Civil Procedure. Admission to practice as a barrister and solicitor of the Supreme Court of Victoria usually requires the completion of articles of clerkship or the practical legal training course conducted by the Leo Cussen Institute.

**BACHELOR OF ARTS/BACHELOR OF LAWS**

(by internal transfer)

**Admission requirements**

Students who have completed two years of the Bachelor of Arts at La Trobe University, which includes two semester subjects of legal studies at both first and second year levels, may be admitted to the third year of a combined degree.

**Degree requirements**

Students must:

- complete a total of at least five years of full-time study or its equivalent
- satisfy the requirements for the Bachelor of Arts degree
- complete in sequence the required law subjects
- if admitted in or after 1998, complete a total of 415 credit points in Law and Arts over the remaining years of the course, and
- if admitted before 1998, complete a total of 22 semester subjects in Law and two semester subjects in another Arts discipline over the remaining years of the course.

**Course structure****First year**

120 credit points (including at least 30 credit points in legal studies)

**Second year**

120 credit points (including at least 40 credit points in legal studies)

**Third year**

Sem.		Subject code	Credit points
1	Criminal Law	LAWCRML	20
1	Two law electives		30
1/2	Two non-law/legal studies/arts subjects (one per semester)		40

2	Administrative Law	LAWADML	20
2	Constitutional Law	LAWCONL	20
2	Constitutionalism	LAWCONM	15

**Fourth year**

1	Criminal Procedure and Evidence	LAWCPEV	20
1	Law of Torts	LAWTORT	20
1	Two law electives		30
2	Common Law, Courts and Remedies	LAWCLCR	15
2	Law of Contracts	LAWCONT	20
2	Legal Practice and Conduct – B	LAWLPRCB	15
2	One law elective		15

**Fifth year**

1	Corporations Law	LAWCORP	20
1	Property Law	LAWPROP	20
1	Two law electives		30
2	Civil Procedure	LAWCIVP	15
2	Law of Equity and Trusts	LAWEQTR	20
2	Law, Economics and Society	LAWLECS	15
2	One law elective		15

**Honours**

Students may be permitted to undertake honours in law within the combined degree. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws LLB Honours year. However, if students are invited to enrol in Honours in Arts, a further year of full-time study is required.

**Professional Recognition**

The Law degree includes those subjects approved by the Victorian Council of Legal Education (CLE) which must be successfully completed as a prerequisite for entry into legal practice (see Bachelor of Laws (graduate entry) for more details).

**BACHELOR OF ECONOMICS/BACHELOR OF LAWS**

(by internal transfer)

**Admission requirements**

Students who have completed two years of the Bachelor of Economics at La Trobe University, which includes two semester subjects of legal studies at both first and second year levels, may be admitted to the third year of a combined degree.

**Degree requirements**

Students must:

- complete a total of at least five years of full-time study or its equivalent
- satisfy the requirements of the Bachelor of Economics
- complete in sequence the required economics subjects
- complete in sequence the required law subjects
- if admitted in or after 1998, complete a total of 405 credit points in law and economics over the final three years of the course.
- if admitted before 1998, complete a total of 19 semester subjects in law and five semester subjects in economics in the final three years of the course.

**Course structure****First year**

(all subjects are worth 15 credit points unless noted)

Sem.		Subject code
1	Introductory Macroeconomics	IMA1
1	Introductory Microeconomics	IMI1
1	Legal studies subject	
1	Long Term Economic Change	LTEC1
2	Business and Economic Statistics	BAES1
2	Legal studies subject	
2	Introduction to Quantitative Analysis	IQA1
2	Management Information Systems 1	MIS1

**Second year**

1	Business Statistics	BST2
1	Macroeconomic Theory	MAT2
1	Microeconomic Theory	MIT2
1	legal studies subject	
2	Microeconomic Analysis 3	MIA3
2	Modern World Economy	MWE2
2	legal studies subject	
2	Second year Business elective	

**Third year**

1	Criminal Law <sup>2</sup>	LAWCRML
1	Law Elective	
1	Legal Skills in Context	LAWLSC
1	Third year Business elective	
2	Administrative Law <sup>2</sup>	LAWADML
2	Constitutional Law <sup>2</sup>	LAWCONL

2	Constitutionalism	LAWCONM
2	Macroeconomic Analysis 3 <sup>1</sup>	MAA3
<b>Fourth year</b>		
1	Competition Policy and Law	LAWCPL
1	Criminal Procedure and Evidence <sup>2</sup>	LAWCPEV
1	Law of Torts <sup>2</sup>	LAWTORT
1	Third year Business elective	
2	Civil procedure	LAWCIVP
2	Common Law, Courts and Remedies	LAWCLCR
2	Introduction to Legal Reasoning	LAWILR
2	Law of Contracts <sup>2</sup>	LAWCONT

<b>Fifth year</b>		
1	Banking Law and Practice	LAWBLP
1	Corporations Law <sup>2</sup>	LAWCORP
1	Property Law <sup>2</sup>	LAWPROP
1	Third year Business elective	
2	Law of Equity and Trusts <sup>2</sup>	LAWEQTR
2	Law, Economics and Society	LAWLECS
2	Legal Practice and Conduct – B	LAWLPRCB
2	Third year Business elective	

**Key:** <sup>1</sup>May be taken at second year. <sup>2</sup> 20 credit point subject.

### Honours

Students may be permitted to undertake Honours in Law within the existing combined course. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws LLB Honours year. However, if students are invited and wish to enrol in Honours in Economics, a further year of full-time study is required.

### Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details.

### BACHELOR OF LEGAL STUDIES/BACHELOR OF LAWS

(by internal transfer)

### Admission requirements

Students who have completed two years of the Bachelor of Legal Studies at La Trobe University, which includes two semester subjects of legal studies at both first and second year levels, may be admitted to the third year of a combined degree.

### Degree requirements

Students must:

- complete a total of at least five years of full time study or its equivalent
- satisfy the requirements of the Bachelor of Legal Studies
- if admitted in or after 1998, complete a total of 425 credit points in law, legal studies and a discipline other than law or legal studies, over the third, fourth and fifth years of the course
- if admitted before 1998, complete a total of 20 semester subjects in law, two semester subjects in legal studies and two semester subjects in a discipline other than law or legal studies in the remaining years of the course
- complete the required legal studies subjects and
- complete the required law subjects.

### Course structure

#### First year

120 credit points (including 30 credit points in legal studies).

#### Second year

120 credit points (including 80 credit points in legal studies)<sup>1</sup>.

#### Third year

Sem.		Subject code	Credit points
1	Criminal Law	LAWCRML	20
1	Legal Skills in Context	LAWLSC	15
2	Administrative Law	LAWADML	20
2	Constitutional Law	LAWCONL	20
2	Constitutionalism	LAWCONM	15
	One legal studies subject <sup>1</sup>		20
	Two non-law or legal studies subjects		40

#### Fourth year

1	Criminal Procedure and Evidence	LAWCPEV	20
1	Law of Torts	LAWTORT	20
1	One law elective		15
1	One legal studies subject <sup>1</sup>		20
2	Common Law, Courts and Remedies	LAWCLCR	15
2	Law elective		15
2	Law of Contracts	LAWCONT	20
2	Legal Practice and Conduct – B	LAWLPRCB	15

#### Fifth year

1	Corporations Law	LAWCORP	20
1	Property Law	LAWPROP	20
1	Two law electives		30
2	Civil Procedure	LAWCIVP	15
2	Law elective		15
2	Law of Equity and Trusts	LAWEQTR	20
2	Law, Economics and Society	LAWLECS	15

**Key:** <sup>1</sup>Students must choose subjects totalling 60 credit points from the Research Methods and Clinical Skills cluster.

### Professional Recognition

The Law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details.

### Honours

Students may be permitted to undertake Honours in Law within the combined degree. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws LLB Honours year. However, if students are invited and to enrol in Honours in Legal Studies, a further year of full-time study is required.

### BACHELOR OF LAWS

(Undergraduate Entry)

### Admission requirements

Prerequisites are a C-grade average in VCE English Units 3 and 4.

### Degree requirements

Students admitted to the undergraduate degree of Bachelor of Laws must:

- complete a total of four years of full-time study or its equivalent
- complete a total of 540 credit points in law and other disciplines
- complete a minimum of 165 credit points in the other disciplines, not more than 60 credit points to be taken at first year level
- not more than 30 credit points to be taken in any one discipline at first year level
- complete a total of 375 credit points (22 subjects) in law and
- complete in sequence the required law subjects.

Note: Students may take non-law subjects from any other area offered by the University, subject to the approval of the School of Law and Legal Studies and the other area concerned. As non-law subjects vary in credit point value, the number of non-law subjects undertaken will vary. For example, if undertaking all 15-credit points subjects, one more subject than those described below will be required to bring the total non-law studies to 165 credit points.

### Course structure

#### First year

Sem.		Subject code	Credit points
1	Criminal Law	LAWCRML	20
1	Legal Skills in Context	LAWLSC	15
1	Non-law electives (See note above)		30
2	Constitutionalism	LAWCONM	15
2	Introduction to Legal Reasoning	LAWILR	15
2	Non-law electives (See note above)		30

#### Second year

1	Law of Torts	LAWTORT	20
1	Non-law elective (See note above)		15-20
1	Law electives		30
2	Administrative Law	LAWADML	20
2	Constitutional Law	LAWCONL	20
2	Law of Contracts	LAWCONT	20
2	Non-law elective (See note above)		15-20

#### Third year

1	Criminal Procedure and Evidence	LAWCPEV	20
1	Non-law elective (See note above)		15-20
1	Law elective		15
1	Property Law	LAWPROP	20
2	Common Law, Courts and Remedies	LAWCLCR	15
2	Law of Equity and Trusts	LAWEQTR	20
2	Legal Practice and Conduct – B	LAWLPRCB	15
2	Non-law elective		15-20

#### Fourth year

1	Corporations Law	LAWCORP	20
1	Non-law elective (See note above)		15-20
1	Law electives		30
2	Civil Procedure	LAWCIVP	15
2	Law, Economics and Society	LAWLECS	15
2	Law elective		15
2	Non-law elective (See note above)		15-20

## Honours

Students may apply at the end of the third year to take the fourth year of the degree in the form of an Honours year. Legal Research Methods (LAWLRM) must be successfully completed by all students who wish to do the Honours year. Successful completion of the Honours year will qualify them for the Bachelor of Laws (Honours).

## Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details.

## BACHELOR OF LAWS/BACHELOR OF ARTS

(undergraduate entry)

### Admission requirements

Prerequisites are a C-grade average in VCE English Units 3 and 4.

### Degree requirements

Students must:

- complete a total of at least five years of full time study or its equivalent
- complete a minimum of 645 credit points (375 credit points in law and a minimum of 270 credit points in arts).
- complete a total of 22 subjects in law
- complete in sequence the required law subjects.
- satisfy the requirements of the Bachelor of Arts including: either one major study of 150 credit points in one discipline, consisting of two subjects at first year, two subjects at second year and four subjects at third year level, or two sequences of 110 credit points each in two separate disciplines, each consisting of two subjects at first, second and third year level.
- complete a minimum of 60 and a maximum of 90 credit points at first year level
- complete a minimum of 80 credit points at third year level

### Course structure

Arts subjects may be chosen from anthropology, archaeology, art history, Asian languages, cinema studies, English, European studies, Hellenic studies, history (including religious studies), Italian studies, linguistics, media studies, philosophy (including logic), politics, sociology, Spanish, theatre and drama and women's studies. You should discuss your choice of Arts subjects with an advisor from the Faculty of Humanities and Social Sciences.

#### First year

Sem.	Subject code	Credit points
1	Criminal Law LAWCRML	20
1	Legal Skills in Context LAWLSC	15
1	Two arts subjects	30
2	Constitutionalism LAWCONM	15
2	Introduction to Legal Reasoning LAWILR	15
2	Two arts subjects	30

#### Second year

1	Law of Torts LAWTORT	20
1	One arts subject	15-20
1	Two law electives	30
2	Administrative Law LAWADML	20
2	Constitutional Law LAWCONL	20
2	Law of Contracts LAWCONT	20

#### Third year

1	Criminal Procedure and Evidence LAWCPEV	20
1	One arts subject	20
1	One law elective	15
1	Property Law LAWPROP	20
2	Common Law Courts and Remedies LAWCLCR	15
2	Law of Equity and Trusts LAWEQTR	20
2	Two arts subjects	40

#### Fourth year

1	Corporations Law LAWCORP	20
1	One arts subject	20
1	Two law electives	30
2	Civil Procedure LAWCIVP	15
2	Law Economics and Society LAWLECS	15
2	Legal Practice and Conduct – B LAWLPRCB	15
2	One arts subject	20

#### Fifth year

1	Three arts subjects	60
2	One law elective	15
2	Two arts subjects	40

## Honours

Students may be permitted to undertake Honours in Law in their fourth year within the existing combined degree. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws Honours year. If students are invited and wish to enrol in Honours in Arts, a further year of full-time study is required.

## Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details.

## BACHELOR OF LAWS/BACHELOR OF BEHAVIOURAL SCIENCE

(undergraduate entry)

### Admission Requirements

Prerequisites are a C-grade average in VCE English Units 3 and 4.

### Degree Requirements

Students must:

- complete a total of at least five years of full time study or its equivalent
- complete a total of 650 credit points (375 credit points in law, 220 credit points in behavioural science, and 55 credit points in specified Law and Behavioural Science subjects – L3DR, L3FP and LAWPAL).
- complete a total of 22 subjects in law and 10 subjects in behavioural science
- complete in sequence the required behavioural science subjects, and
- complete in sequence the required law subjects.

### Course Structure

#### First year

Sem.	Subject code	Credit points
1	Criminal Law LAWCRML	20
1	Legal Skills in Context LAWLSC	15
1	One law elective	15
1	Psychology A PSY11PYA	15
2	Constitutionalism LAWCONM	15
2	Introduction to Legal Reasoning LAWILR	15
2	One law elective	15
2	Psychology B PSY12PYB	15

#### Second year

1	Law of Torts LAWTORT	20
1	Two law electives	30
1&2	Behavioural Neurosciences 1 PSY10BN	30
2	Administrative Law LAWADML	20
2	Constitutional Law LAWCONL	20
2	Law of Contracts LAWCONT	20

#### Third year

1	Criminal Procedure and Evidence LAWCPEV	20
1	One law elective	15
1	Property Law LAWPROP	20
1	Psychology A PSY21PYA	20
2	Common Law Courts and Remedies LAWCLCR	15
2	Law of Equity and Trusts LAWEQTR	20
2	Psychology and Law (Law/Bch.Sci.) LAWPAL	15
2	Psychology B PSY22PYB	20

#### Fourth year

1	Corporations Law LAWCORP	20
1	Dispute Resolution (Law/Bch.Sci.) L3DR	20
1&2	Psychology 30P PSY30P	60
2	Law Economics and Society LAWLECS	15
2	Legal Practice and Conduct – B LAWLPRCB	15

#### Fifth year

1	Two law electives	30
1&2	Applied Psychology PSY30APP	60
2	Civil Procedure LAWCIVP	15
2	Forensic Psychology (Law/Bch.Sci.) L3FP	20

## Honours

Students may be permitted to undertake Honours in Law within the combined program. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws Honours year. Students invited to enrol in Honours in Behavioural Science are required to complete a further year of full-time study.

## Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed



as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details. The Bachelor of Behavioural Science does not qualify a graduate to work as a psychologist immediately. Further postgraduate training and/or supervised experience is required for registration as a professional psychologist and for membership of the Australian Psychological Society.

## BACHELOR OF LAWS/BACHELOR OF COMMERCE (undergraduate entry)

### Admission Requirements

Prerequisites are a C-grade average in VCE Units 3 and 4 English and Mathematics (any).

### Degree Requirements

Students admitted to the combined Bachelor of Laws/ Bachelor of Commerce course must:

- complete a total of at least five years full time study or its equivalent
- complete a total of 645 credit points (375 credit points in law and 270 credit points in commerce)
- complete a total of 22 subjects in law
- complete in sequence the required commerce subjects and
- complete in sequence the required law subjects.

### Course structure

Unless noted, all subjects are worth 15 credit points.

#### First year

Sem.		Subject code
1	Accounting for Management Decisions	AFMDI
1	Criminal Law <sup>1</sup>	LAWCRM
1	Introductory Microeconomics	IMI1
1	Legal Skills in Context	LAWLS
2	Constitutionalism	LAWCON
2	Financial Accounting 1	FA
2	Introduction to Legal Reasoning	LAWIL
2	Introductory Macroeconomics	IMA

#### Second year

1	Financial Accounting 2	FA
1	Law of Torts <sup>1</sup>	LAWTOR
1	Management Accounting A	MA2
1	Management Information Systems 1	MIS
2	Administrative Law <sup>1</sup>	LAWADM
2	Constitutional Law <sup>1</sup>	LAWCON
2	Law of Contracts <sup>1</sup>	LAWCON
2	Management Accounting B	MA2

#### Third year

1	Banking Law and Practice	LAWBL
1	Criminal Procedure and Evidence <sup>1</sup>	LAWCPE
1	Foundations of Management	FOM
1	Property Law <sup>1</sup>	LAWPRO
2	Business and Economic Statistics	BAES
2	Common Law Courts and Remedies	LAWCLC
2	Corporate Finance or Investment and Portfolio Management	CFI3 / IPM
2	Law of Equity and Trusts <sup>1</sup>	LAWEQT

#### Fourth year

1	Corporations Law <sup>1</sup>	LAWCOR
1	Financial Accounting 3	FA
1	One law elective	
1	Taxation	TAX
2	Auditing	AUD
2	Business Communications	BCO
2	Law Economics and Society	LAWLEC
2	Legal Practice and Conduct	LAWLPRC

#### Fifth year

1	Advanced Accounting	AAC
1	Competition Policy and Law	LAWCP
1	Two law electives <sup>2</sup>	
2	Civil Procedure	LAWCIV
2	One law elective	
2	Second/third year business elective	
2	Third year business elective	

Key: <sup>1</sup>20 credit point subject. <sup>2</sup>30 credit point subject.

### Honours

Students may be permitted to undertake Honours in law within the combined program. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws Honours year. Students invited to enrol in Honours in Commerce are required to complete a further year of full-time study.

### Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details. The appropriate choice of commerce subjects leads to professional accreditation with the Australian Society of Certified Practising Accountants and Institute of Chartered Accountants of Australia.

## BACHELOR OF LAWS/BACHELOR OF ECONOMICS (undergraduate entry)

### Admission Requirements

Prerequisites are a C-grade average in VCE Units 3 and 4 English and Mathematics Methods (any).

### Degree Requirements

Students must:

- complete a total of at least five years full time study or its equivalent
- complete a total of 645 credit points (375 credit points in law and 270 credit points in economics)
- complete a total of 22 subjects in law
- complete in sequence the required economics subjects and
- complete in sequence the required law subjects.

### Course Structure

#### First year

Sem.		Subject code	Credit points
1	Criminal Law	LAWCRM	20
1	Introduction to Quantitative Analysis	IQA1	15
1	Introductory Macroeconomics	IMA1	15
1	Legal Skills in Context	LAWLSC	15
2	Business and Economic statistics	BAES1	15
2	Constitutionalism	LAWCONM	15
2	Introduction to Legal Reasoning	LAWILR	15
2	Introductory Microeconomics	IMI1	15

#### Second year

1	Law of Torts	LAWTOR	20
1	Long term Economic Change	LTEC1	15
1	Management Information Systems	MIS1	15
1	Microeconomic Theory	MIT2	15
2	Administrative Law	LAWADML	20
2	Constitutional Law	LAWCONL	20
2	Law of Contracts	LAWCONT	20
2	Modern World Economy	MWE2	15

#### Third year

1	Business Statistics	BST2	15
1	Criminal Procedure and Evidence	LAWCPEV	20
1	Macroeconomic Theory	MAT2	15
1	Property Law	LAWPROP	20
2	Common Law, Courts and Remedies	LAWCLCR	15
2	Law of Equity and Trusts	LAWEQTR	20
2	Macroeconomic Analysis	MAA3	15
2	Microeconomic Analysis	MIA3	15

#### Fourth year

1	Third year School of Business elective		15
1	Corporations Law	LAWCORP	20
1	Law elective		15
1	School of Business elective		15
2	Competition Policy and Law	LAWCPL	15
2	Law, Economics and Society	LAWLECS	15
2	Legal Practice and Conduct – B	LAWLPRCB	15
2	School of Business elective		15

#### Fifth year

1	Third year School of Business elective		15
1	Banking Law and Practice	LAWBLP	15
1	Two law electives		30
2	Civil Procedure	LAWCIVP	15
2	One law elective		15
2	Two third year School of Business elective		30

### Honours

Students may be permitted to undertake Honours in Law within the combined program. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws Honours year. Students invited to enrol in Honours in Economics must complete a further year of full-time study.

### Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed

as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details. The appropriate choice of subjects within the Bachelor of Economics leads to professional accreditation with the Australian Institute of Banking and Finance.

### BACHELOR OF LAWS/BACHELOR OF FINANCE (undergraduate entry)

#### Admission Requirements

Prerequisites are a C-grade average in VCE Units 3 and 4 English and Mathematics (any).

#### Degree Requirements

Students must:

- complete a total of at least five years full time study or its equivalent
- complete a total of 645 credit points (360 credit points in law and 285 credit points in finance)
- complete a total of 21 subjects in law
- complete in sequence the required finance subjects and
- complete in sequence the required law subjects.

#### Course Structure

##### First year

Sem.		Subject code	Credit points
1	Criminal Law	LAWCRML	20
1	Introduction to Quantitative Analysis	IQA1	15
1	Introductory Macroeconomics	IMA1	15
1	Legal Skills in Context	LAWLSC	15
2	Constitutionalism	LAWCONM	15
2	Introduction to Legal Reasoning	LAWILR	15
2	Introductory Microeconomics	IMI1	15
2	Business & Economic Statistics 2	BAESI	15

##### Second year

1	Accounting for Management Decisions 1	AFMDI	15
1	Law of Torts	LAWTORT	20
1	Management Accounting A	MA2A	15
1	Microeconomic Theory	MIT2	15
2	Administrative Law	LAWADML	20
2	Constitutional Law	LAWCONL	20
2	Financial Accounting 1	FA1	15
2	Law of Contracts	LAWCONT	20

##### Third year

1	Business Statistics 2	BST	15
1	Criminal Procedure and Evidence	LAWCPEV	20
1	Macroeconomic Theory	MAT2	15
1	Property Law	LAWPROP	20
2	Common Law Courts and Remedies	LAWCLCR	15
2	Financial Markets and Institutions	FMAI	15
2	Law of Equity and Trusts	LAWEQTR	20
2	One finance elective		15

##### Fourth year

1	Competition Policy and Law	LAWCPL	15
1	Corporate Finance	CFI3	15
1	Corporations Law	LAWCORP	20
1	Marketing Principles and Practice	MPAP2	15
2	Law Economics and Society	LAWLEGS	15
2	Legal Practice and Conduct	LAWLPRCB	15
2	One third year finance elective <sup>1</sup>		15
2	One finance industry case study	FICS3	15

##### Fifth year

1	Banking Law and Practice	LAWBLP	15
1	Money and Banking	MAB3	15
1	Two law electives		30
2	Civil Procedure	LAWCIVP	15
2	Investment and Portfolio Management	IPM3	15
2	One third year finance elective <sup>1</sup>		15
2	One law elective		15
2	Risk Management	RMA3	15

**Key:** <sup>1</sup>Chosen from the following list of subjects approved for the Bachelor of Finance: CST3: Corporate Strategy #; HRM3: Human Resource Management 3 #; IFM3: International Financial Management; MOF3: Management and Organisational Form #; IME3: International Monetary Economics; ITR3: International Trade 3. Students wishing to gain accreditation with the Australian Institute of Banking and Finance must complete one of the subjects marked # in the above list.

#### Honours

Students may be permitted to undertake Honours in Law within the combined program. Legal Research Methods (LAWLRM) must be

completed by all students who wish to do the Bachelor of Laws Honours year. Students invited to enrol in Honours in Finance must complete a further year of full-time study.

#### Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be completed successfully as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details. The appropriate choice of subjects within the Bachelor of Finance leads to professional accreditation with the Australian Institute of Banking and Finance.

### BACHELOR OF LAWS/BACHELOR OF SCIENCE (undergraduate entry)

#### Admission Requirements

Prerequisites are a C-grade average in VCE Units 3 and 4 English and mathematics (any).

#### Degree Requirements

Students must:

- complete a total of at least five years full-time study or its equivalent
- complete a total of 655 credit points in law and science
- satisfy the requirements of the Bachelor of Science
- complete a total of 280 credit points in science subjects, not more than 80 points to be taken at first year level
- complete a total of 375 credit points (22 subjects) in law and
- complete in sequence the required law subjects.

Students will usually be enrolled in between 120 and 135 credit points each year, but may enrol in up to 145 credit points without special approval.

#### Course Structure

##### First year

Sem.		Subject code	Credit points
1	Criminal Law	LAWCRML	20
1	Legal Skills in Context	LAWLSC	15
1	Science subjects <sup>1</sup>		
2	Constitutionalism	LAWCONM	15
2	Introduction to Legal Reasoning	LAWILR	15
2	Science subjects <sup>1</sup>		

##### Second year

1	Law of Torts	LAWTORT	20
1	Two law electives		30
2	Administrative Law	LAWADML	20
2	Constitutional Law	LAWCONL	20
2	Law of Contracts	LAWCONT	20
2	Science subjects <sup>1</sup>		

##### Third year

1	Criminal Procedure and Evidence	LAWCPEV	20
1	Property Law	LAWPROP	20
1	One law elective		15
2	Common Law Courts and Remedies	LAWCLCR	15
2	Law of Equity and Trusts	LAWEQTR	20
2	Legal Practice and Conduct – B	LAWLPRCB	15
2	Science subjects <sup>1</sup>		

##### Fourth year

1	Corporations Law	LAWCORP	20
1	Two law electives		30
2	Civil Procedure	LAWCIVP	15
2	Law Economics and Society	LAWLECS	15
2	One law elective		15
2	Science subjects <sup>1</sup>		

##### Fifth year

1	60 credit points of third year science subjects		
2	60 credit points of third year science subjects		

**Key:** <sup>1</sup> Throughout years one to four, students must complete 160 credit points of science subjects. No more than 80 credit points may be taken at first year level.

#### Science Disciplines

(refer to Faculty of Science and Technology entry for subject details)

Subjects may be chosen from any of the following areas: agricultural science, biology (biochemistry, botany, genetics, microbiology, zoology), chemistry, computer science, electronics, geology, mathematics (applied and pure), physics, psychology and statistics. You should discuss your choice of subjects with the BSc course adviser, Dr Jeff Rowe.

## Honours

Students may be permitted to undertake Honours in Law within the LLB program. Legal Research Methods (LAWLRM) must be completed by all students who wish to do the Bachelor of Laws Honours year. Students invited to enrol in Honours in Science require a further year of full-time study.

## Professional Recognition

The law degree includes those subjects approved by the Victorian Council of Legal Education which must be successfully completed as a prerequisite for entry into legal practice. See Bachelor of Laws (graduate entry) for more details.

## GRADUATE DIPLOMA IN LAW AND LEGAL STUDIES

The course has been designed to enable graduates of universities or comparable tertiary institutions to extend their study into law and legal studies. The program enables students to receive a broad introduction to law and legal studies or focus on a particular area of professional development. The course is not intended to provide a qualification for practice, nor is it intended to provide an entry point to the law degree program or higher degree studies.

## Admission Requirements

Applicants must have completed an undergraduate degree or equivalent and submit a curriculum vitae.

## Course Structure

The course comprises subjects totalling 120 credit points and may be studied on a full-time or part-time basis. Full-time students may complete the course in one year, while a part-time student may take up to four years. Graduates with no previous experience in Legal Studies must take two semester subjects at First year level. All candidates must take two semester subjects at third year level. Law subjects may only be taken with the approval of the Director of the Law Program.

## Subject descriptions

Subjects descriptions are listed, alphabetically by name, in three sections: Bachelor of Laws required subjects, Bachelor of Laws electives, and Legal Studies subjects.

## Bachelor of Laws – required subjects

Only available to students enrolled in the Bachelor of Laws or relevant combined degree program.

**ADMINISTRATIVE LAW (20 CPs. Sem. II. Bu.) LAWADML** Dr Roger Douglas and Mr Jeffrey Barnes

The origins and development of legal controls of public administrative agencies are examined in this subject. The legal theories, processes and remedies provided by state and federal statutes and the common law for subordinating their decision-making activities to the rule of law are studied within their socio-political context.

*Prerequisite or Co-requisite:* LAWCONM.

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.

*Assessment:* 2,500-word essay (40%) and 3-hour examination (60%).

## Prescribed reading:

Douglas, R. and Jones, M. *Administrative law: commentary and materials*, 3rd edn, Federation Press 1999.

Katzen, H. and Douglas, R. *Administrative law*, Butterworths 1999.

**CIVIL PROCEDURE (15 CPs. Sem. II. Bu.) LAWCIVP** Dr Roger Douglas and Ms Judy Gutman

An understanding of civil procedure is essential for those who want to rely on the authority of the courts to enforce legal claims. It is also essential for those who wish to resist such attempts, or for those who wish to understand the role of the judicial system in the delivery and non-delivery, of justice. This course ensures that students understand the processes whereby a legal claim is asserted or resisted in the civil courts and the relationship between these processes and the ease with which legal claims can be enforced through the courts. Students will gain knowledge of the Rules of the Supreme Court (Vic.), understand the legal and practical considerations which bear on the proper choice of forum and the rules which determine when courts possess and are likely to exercise, jurisdiction. They will also be able to draft pleadings and in particular, statements of claim, defences and interrogatories, understand the role of costs rules in encouraging settlement and in influencing lawyer's conduct of their cases, as well as recognise the potential role of alternative dispute resolution mechanisms at successive stages of the litigation process.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* 2,500-word research essay (50%) and final examination (50%).

## Prescribed reading:

General rules of procedure in civil proceedings, chapter 1 1986 (Vic.) (Rules of the Supreme Court).

Colbram, S. et al, *Civil procedure. Commentary and materials*, Butterworths 1998.

Williams, N. J. *Supreme court civil procedure: procedure under chapter 1 of the rules of the Supreme Court of Victoria*, Butterworths 1987.

**COMMON LAW, COURTS AND REMEDIES (15 CPs. Sem. II. Bu.)**

**LAWCLCR** Professor Pat O'Malley and Ms Kathy Laster

This subject is concerned with the nature and history of the common law as a legal culture and the characteristic legal processes in common law systems. It explores the historic interplay between substantive and evidentiary and procedural law and examines the proposition that substantive rights are remedy driven. An examination is made of the emergence of the concepts of tort and contract and 'property' within a socio-legal context. This exploration is linked to a consideration of the methods of operation of courts, the increasing use of tribunals and of alternative methods of dispute resolution. The focus is upon a critical examination of various remedies including self help, compensation, coercion and restitution.

*Prerequisite:* LAW TORT.

*Prerequisite or Co-requisite:* LAWCONT or permission of the Director.

*Class requirements:* one 2-hour lecture and one 1-hour seminar per week.

*Assessment:* 3,000-word essay (50%) and 3-hour examination (50%).

**CONSTITUTIONALISM (15 CPs. Sem. II. Bu.) LAWCONM** Dr Oliver Mendelsohn and Mr Jeffrey Barnes

This subject performs two functions. Together with Constitutional Law, it comprises the basic course in constitutional law. It is also an introduction to public law in general, including administrative law. The material considered encompasses the nature and limitations of constitutional doctrine in Australia, including ideas such as the separation of powers, the rule of law and responsible government. The growth of Australian nationhood and the relationship with its indigenous peoples and with Britain are considered, as well as the protection of rights in Australia, together with the nature of and rules governing, Parliament, the role of the judiciary, vice-regal powers, the republican question and the constitutional significance of judicial review of administrative action and the new administrative law.

*Class requirements:* one 2-hour lecture and one 1-hour seminar per week.

*Assessment:* 3,000-word essay (50%) and 3-hour examination (50%).

## Preliminary reading:

Parkin, A. et al *Government, politics, power and policy in Australia*, 5th edn, Longman 1994.

## Prescribed reading:

Douglas, R. and Jones, M. *Administrative law: commentary and materials*, 2nd edn, Federation Press 1996.

Hanks, P. J. *Australian constitutional law – materials and commentary*, 5th edn, Butterworths 1994.

**CONSTITUTIONAL LAW (20 CPs. Sem. II. Bu.) LAWCONL** Dr Spencer Zifcak and Professor Martin Chanock

An exposition of the Australian Constitution through its historical development and present character is undertaken in this subject. Attention is paid to the nature of constitutional doctrine, and an effort is made to locate the Constitution in its functioning administrative context. Federal financial relations, for example, are treated as both a legal doctrine and administrative system. Topics include trade and commerce power, corporations power and the impact of the external affairs power on both federalism and human rights.

*Prerequisite or Co-requisite:* Constitutionalism: LAWCONM.

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.

*Assessment:* test (20%) and 3-hour examination (80%).

## Prescribed reading:

Blackshield, A. and Wilkins, G. *Australian constitutional law and theory, commentaries and materials*, 2nd edn, Federation Press 1998.

**CORPORATIONS LAW (20 CPs. Sem. I. Bu.) LAWCORP** Dr Rob McQueen and Mr David Wishart

Students are introduced to the fundamentals of this subject through an examination of some of the principal incidents of modern corporations and securities law. There is a concern both to situate the law contextually and to emphasise the practical operation of the law in its social setting. This is done by examining the role that historical, economic and social factors played in shaping key features of the law. The implications of these factors in setting the parameters within which present and future law reform may occur are explored.

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.

*Assessment:* 2,500-word assignment (35%), tutorial dossier (15%), and 3-hour examination (50%).

**Prescribed reading:**

Australian corporations law, current edn, CCH or Butterworths.  
 Lipton, P. and Herzberg, A. *Understanding company law*, 8th edn, LBC 1999.  
 Griffiths, L. and Woodward, S. *Corporations law workbook*, current edn, LBC.

**Recommended reading:**

Bern, S. and Baron, P. *Company law and governance*, OUP 1998.

**CRIMINAL LAW (20 CPs. Sem. I. Bu.) LAWCRML Dr John Willis, Ms Heather King and Ms Emma Henderson**

The key aspects of the substantive criminal law are examined in this subject. The initial focus is on an analysis of basic concepts and principles in the criminal law, such as the onus and standard of proof, evidentiary and persuasive burdens, mens rea and actus reus, objective and subjective tests and principles of offence classification. A brief overview of the structure of the Australian criminal justice system is provided. Other topics dealt with are homicide, other non-fatal offences against the person, sexual offences, offences against property, general defences and complicity. A socio-legal perspective is employed to explore broader policy questions about the proper scope, structure and functions of the criminal law.

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.  
*Assessment:* class test (30%), 3-hour exam (70%).

**Prescribed reading:**

Waller, L. and Williams, C. R. Brett, Waller and Williams: criminal law: texts and cases, 8th edn, Butterworths 1997.

**CRIMINAL PROCEDURE AND EVIDENCE (20 CPs. Sem. I. Bu.) LAWCEV Ms Kathy Laster and Dr John Willis**

This subject examines the common law and statutory principles and technical rules which govern the proof of facts in issue in both civil and criminal adversarial proceedings. The first part of the subject considers evidentiary aspects of police investigation, including gathering of evidence and the power to arrest and interrogate suspects. The course of evidence (examination-in-chief, cross-examination and re-examination), as well as the position of witnesses (the accused, experts and those in special relationships) is considered. The evidentiary aspects of curial proceedings including both exclusionary rules, such as hearsay and privilege, inclusionary rules (e.g. res gestae) and their exceptions are considered in their forensic context. Students will gain a working knowledge of these rules as well as the strategic and public policy issues which underscore their application. The subject involves theory and practice and, there is an emphasis on developing students' skills in presenting both oral and written legal argument.

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.  
*Assessment:* 2-hour examination (50%), and oral (moot court) test (50%).

**Prescribed reading:**

Waight, P. and Williams, C. *Evidence: commentary and materials* 5th edn, Law Book Co. 1998.  
 Evidence Act 1958 (Vic).

**INTRODUCTION TO LEGAL REASONING (15 CPs. Sem. II. Bu.) LAWILR Mr Kenneth Warner and Mr Ian Duncanson**

Legal reasoning is the attempt to conform with the ideals of a legal system in constructing and maintaining legal norms and obligations, whilst striving towards practical ends. The aim is not to accumulate knowledge of a field of substantive law, but to learn to identify techniques and develop skills applied in the method of the law.

*Incompatible subject:* L2LR, L3LR.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.  
*Assessment:* tutorial workbook (20%), 1,500-word assignment (30%) and 2-hour examination (50%).

**Prescribed reading:**

Twining, W. and Miers, D. *How to do things with rules*, 3rd edn, Weidenfeld and Nicolson 1991.

**LAW, ECONOMICS AND SOCIETY (15 CPs. Sem. II. Bu.) LAWLECS Mr David Wishart and Dr Vivien Goldwasser**

This subject is about the theory and practice of constituting and regulating the economy through laws such as property, contracts, trust and corporations, plus those relating to competition, consumers, resources and employment. It concentrates on the three related themes of the nature of property, economic analysis of law and impact studies of law in society. Students completing the subject will understand the general approach of economics to law and be able to explain some areas of law in detail using economic analysis. They will also be able to demonstrate the theoretical and descriptive

weaknesses of such analyses and their relationship with other theoretical perspectives particularly in relation to property. The other perspective with which students should become familiar during the course of the subject is the empirical tradition of sociology. Ultimately, students should be able to describe the relevant outcomes of research in this tradition to date and assess the meaning of those outcomes in legal theory and practice in the Australian context.

*Prerequisite:* LAWCORP and LAWPROP, or permission of the Director.  
*Co-requisite:* LAWEQTR or permission of the Director.

*Class requirements:* one 2-hour lecture and one 1-hour seminar per week.  
*Assessment:* one 3,000-word assignment (30%), one oral seminar (20%), one 1,000-word assignment (20%) and one 2,000-word assignment (30%).

**LAW OF CONTRACTS (20 CPs. Sem. II. Bu.) LAWCONT Ms Heather King and Mr Tony Ciro**

This subject examines the law of contracts, but within the broader framework of the law of obligations generally. Its focus is the principles for the recognition of obligations in contracts and the award of remedies in the event of their breach. At the same time, the law's development is evaluated with reference to the different theories which have informed the law concerning the way contracting takes place and the interests in contract which ought to be protected. Important themes include the shift from freedom of contract towards a model demanding heightened standards of fair dealing in contractual relationships; and the growth of statutory consumer protection measures in response to defects or restrictions in the common law. Topics include the requirements for contract formation (including capacity, privity and assignment), the sources and construction of contract terms, excuses for non-performance, provision for on-going elaboration and alteration of contracts, reasons for terminating contracts and common law and statutory rights and remedies for breach and other contract-related misconduct.

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.

*Assessment:* 2,000-word assignment (40%) and 3-hour examination (60%).

**Preliminary reading:**

Starke, J. G., Seddon, N. C. and Ellinghaus, M. P. *Cheshire and Fifoot's law of contract*, current edn, preliminary chapter, Butterworths.

**LAW OF EQUITY AND TRUSTS (20 CPs. Sem. II. Bu.) LAWEQTR Professor Margaret Thornton**

Students are introduced to the doctrines and institutions of equity in this subject. Topics covered include the relationship between the equity and common law distinction and corresponding dichotomies between different concepts of law, including the nature of equitable rights, titles and interests, the history of equity principles and the institutions of equity, trusts (including their creation and variation, the duties and powers of trustees and the consequences of breach of trust), fiduciary obligations, confidential information, equitable assignment, unconscionable transactions and equitable estoppel and equitable remedies (including specific performance, injunctions and declarations).

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.

*Assessment:* 2,500-word assignment (50%) and 3-hour examination (50%).

**Prescribed reading:**

Heydon, J. D., Gummow, W. M. C. and Austen, R. P. *Cases and materials on equity and trusts*, 5th edn, Butterworths 1996.

**LAW OF TORTS (20 CPs. Sem. I. Bu.) LAWTORT Mr Kenneth Warner and Dr Leanna Darvall**

The subject is primarily concerned with the civil action in negligence through which the law provides for compensation in respect of injuries suffered of a physical and an economic nature. Statutory compensation schemes for injuries and the working operation of the torts of nuisance, strict liability and trespass, as well as the social interests affected by them, are also examined.

*Class requirements:* one 2-hour lecture and one 2-hour seminar per week.  
*Assessment:* in-class assessment (40%) and 3-hour examination (60%).

**Prescribed reading:**

Luntz, H., and Hamblly, R. D. *Torts: cases and commentary*, 4th edn, Butterworths 1995.

**LEGAL PRACTICE AND CONDUCT-B (15 CPs. Sem. II. Bu.)****LAWLPRC-B Ms Mary Anne Noone**

Ethical legal practice and conduct are the primary focus of this subject. This focus includes examining the legal practitioner's duty to the administration of law, the courts, clients and fellow practitioners, issues of personal and professional conduct and basic trust

accounting. The context for this study is the issue of access to justice and recent reforms in the legal profession. Students are encouraged to reflect on how a legal practitioner's duties and ethics are relevant to daily legal practice, as well as on the efficacy of law, the legal system, the legal profession and the nature of justice.  
**Class requirements:** one 2-hour seminar and one 1-hour tutorial per week.  
**Assessment:** 2,500-word research assignment(40%), 3,000- word case study (50%) and trust accounting exam. (10%).

**Prescribed reading:**

Legal Practice Act 1996 (Vic).

Ross S. *Ethics in law: lawyers' responsibility and accountability in Australia*, 2nd edn, Butterworths 1998.

Ross, S. and MacFarlane, P. *Lawyers' responsibility and accountability: cases and commentary*, Butterworths 1997.

**LEGAL PRACTICE AND CONDUCT (CLINICAL PLACEMENT) (30 CPs. Sem. I or II. Bu.)** LAWLPRC1/LAWLPRC2 Ms Judith Dickson and Ms Mary Anne Noone

Interested students must submit a written application by 17 December 1999. Application forms are available from the General Office, School of Law and Legal Studies, rm SS229.

Ethical legal practice and conduct are the primary focus of this subject. This includes examining the legal practitioner's duty to the administration of law, the courts, clients and fellow practitioners, issues of personal and professional conduct and basic trust accounting. The context for this study is the issue of access to justice and recent proposals for reform to the legal system, in particular the legal profession. Additionally, students are placed in a legal aid environment where they have the opportunity to be practically involved in legal practice under supervision. Students are encouraged to reflect on how a legal practitioner's duties and ethics are relevant to daily legal practice, as well as on the efficacy of law, the legal system, the legal profession and the nature of justice.

**Quota:** 12. In each semester.

**Class requirements:** one 2-hour seminar, one 1-hour tutorial and clinical placement (minimum seven hours) per week.

**Assessment:** 2,500-word assignment (20%), case study (25%), trust accounting exercise (5%) and performance in clinical placement (50%).

**Prescribed reading:**

Legal Practice Act 1996 (Vic).

Ross S. *Ethics in law: lawyers' responsibility and accountability in Australia*, 2nd edn, Butterworths 1998.

Ross, S. and MacFarlane, P. *Lawyers' responsibility and accountability: cases, materials and commentary*, Butterworths 1997.

**LEGAL SKILLS IN CONTEXT (15 CPs. Sem. I. Bu.)** LAWLSC Ms Judy Gutman and Ms Emma Henderson

Basic legal skills are examined in the context of students' socialisation into legal culture. The main skills examined are the conduct of legal research, the use of primary sources of law, and the employment of legal modes of analysis, especially problem solving. The tasks which students are assigned include: finding primary and secondary sources in the library, analysing and assessing cases, writing a case commentary, interpreting legislation, preparing a legal opinion, and keeping a reflective learning diary. Ethical aspects of legal advising are also examined.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.  
**Assessment:** 2,000-word essay (40%), 3.5-hour examination (60%) and a 'learning diary' graded satisfactory/not satisfactory.

**Preliminary reading:**

Chisholm, R. and Nettheim, G. *Understanding law: an introduction to Australia's legal system*, 5th edn, Butterworths 1997.

Corkery, J. (ed.) *A career in law*, 2nd edn, Federation Press 1989.

Parkinson, P. *Tradition and change in Australian law*, Law Book 1994.

Weeramantry, C. *An invitation to the law*, Butterworths 1982.

**Prescribed reading:**

Butterworths *concise Australian legal dictionary*, Butterworths 1997.

Morris, G. et al, *Laying down the law: the foundations of legal reasoning, research and writing in Australia*, 4th edn, Butterworths 1996.

**PROPERTY LAW (20 CPs. Sem. I. Bu.)** LAWPROP Ms Lee Ann Marks and Ms Judith Grbich

Private property is a key concept of all western political and legal systems. This subject examines what it means to have property in a thing. It looks at the way the Australian legal system uses the concept of property to resolve disputes about access to and allocation of resources. Students study the rules and principles relating to the creation and enforceability of proprietary interests. Themes include: the nature of property interests in their various manifestations, the support afforded proprietary interests by law and the ordering of

interests within and beyond property law. Topics covered are the development of the concept of private property, the fragmentation of proprietary interests by reference to time, space, nature of the interest (for example, easements and covenants), nature of title (including possessory title), sphere of enforceability (legal or equitable), the acquisition and transfer of proprietary interests, statutory schemes of registration, enforceability of proprietary interests and remedies, concurrent ownership, leases, and mortgages and securities.

**Prerequisite:** LAWCONT.

**Class requirements:** two 1.5-hour lectures and one 1-hour tutorial per week.

**Assessment:** class test (15%), assignment (35%), 3-hour examination (50%).

**Prescribed reading:**

Bradbrook, A., MacCallum, S. and Moore, A. *Australian property law: cases and materials*, LBC Information Services 1996.

**Bachelor of Laws electives**

In order to provide a variety of areas for study, the School offers a range of elective law subjects. However, it is not possible to offer all of these subjects every year, so certain subjects will be available only every second year. This arrangement allows students the opportunity of enrolling in any of these subjects during the course of their degree. Most of those subjects which are not available in 2000 will be offered in 2001. Information will be available during enrolment of which electives will be offered in the following year.

However, these electives are only available to students enrolled in the Bachelor of Laws or relevant combined degree program. In special circumstances, students enrolled in other programs may enrol in Law electives, subject to the approval of the Director of the Law Program.

Asian Legal Systems	LAWALS (not offered in 2000)
Banking Law and Practice	LAWBLP
Clinical Legal Education	LAWCLE
Communication and Advocacy Skills	LAWCAS
Competition Policy and Law	LAWCPL
Criminal Justice	LAWCJ
Current Issues in Criminal Law	LAWCIC
Dispute Resolution	LAWDR
Employment and Labour Relations Law	LAWELR (not offered in 2000)
Family, Society and Law	LAWFSL
Foundations of Legal Studies	LAWFOLS
Gambling, Risk and Insurance	GRIS
Governing Strategies	LAWGS
Human Beings and Legal Persons	LAWHBLP
Human Rights Law	LAWHRL
Indigenous Australians and the Law	LAWIAL (not offered in 2000)
Innovation and Intellectual Property	LAWIP (not offered in 2000)
International Business Law	LAWIBL
Introduction to Taxation Law	LAWIT
Jurisprudence	LAWJP (not offered in 2000)
Law and Medicine	LAWLM (not offered in 2000)
Law and the Search for Equality	LAWLSE
Legal Change, Legislation and Law Reform	LAWLCLR(not offered in 2000)
Legal Research Methods	LAWLRM
Literature and Law	LAWLAL (not offered in 2000)
Negotiation and Mediation	LAWNM
Psychology and Law	LAWPAL
Public International Law	LAWINT(not offered in 2000)
Social Security Law and Practice	LAWSSLP(not offered in 2000)

**ASIAN LEGAL SYSTEMS (15 CPs. Sem. II. Bu.)** LAWALS Dr Oliver Mendelsohn

Subject not available in 2000.

**BANKING LAW AND PRACTICE (15 CPs. Sem. I. Bu.)** LAWBLP Dr Rob McQueen and Ms Ann Wardrop

This subject is required for students who seek to satisfy the educational requirements of the Australian Institute of Banking and Finance, and the Australian Society of Certified Practising Accountants. The subject provides a general introduction to many aspects of banking law and practice. It provides a broad overview of the law relating to negotiable instruments, securities, electronic banking, credit and charge cards and the banker-customer relationship. It examines the manner in which the law has been used as a facilitator of social and economic policy in the field of banking and finance. Also considered is the role of non-judicial forms of conciliation and mediation in the resolution of disputes over aspects of banking practice. In particular, the effectiveness of and prospects for, codes of conduct, conciliation bodies and non-legal means of dispute resolution in the banking and finance industry.

**Prerequisite:** current enrolment in Bachelor of Laws, Bachelor of Commerce, Bachelor of Finance, Bachelor of Business or Bachelor of Economics.



**Incompatible subject:** L2BLP, L3BLP.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** 2,500-word assignment (40%) and 3-hour examination (60%).

**Prescribed reading:**

Tyree, A. *Banking law in Australia*, 3rd edn, Butterworths 1998.  
*Cheques Act (Cth)* 1986.

**Recommended reading:**

Weerasooria, W. *Banking law and the financial system in Australia*, latest edn., Butterworths.

**CLINICAL LEGAL EDUCATION (30 CPs, Sem. II, Bu.) LAWCLE Ms Helen Brown**

Interested students must complete an application form available from the Law and Legal Studies general office and returned there before the closure of the university on 24 December.

Practising law for the poor and disadvantaged is the focus of this course. Students provide legal services and perform legal work under supervision at the West Heidelberg Community Legal Service. Students are encouraged to reflect on the practice of law; the value, dynamics and effectiveness of the legal system, the role of lawyers in society, and the potential of law to achieve justice for economically and socially disadvantaged people. During the course students enhance their practical legal skills of communication, interviewing, providing legal advice, writing, legal research, negotiation and advocacy. The course runs for 14 weeks and involves one full day of work at the Service each week in addition to the classroom and assessment requirements.

**Prerequisite:** Completion of First year LLB program or approval of the Director, Law Program.

**Co-requisite:** LAWCRML or LAWCPVE.

**Incompatible subject:** L2CLE-A, L3CLE-A, L2CLE-B, L3CLE-B.  
**Quota:** 8.

**Class requirements:** one 3-hour seminar and a full day's placement per week.

**Assessment:** class participation (15%), placement (40%), interview report (20%), essay (25%).

**Preliminary reading:**

Access to Justice Committee, *Access to Justice - An Action Plan*, AGPS 1994, Canberra.

**Prescribed reading:**

Chay, A. and Smith, J. *Legal Interviewing in Practice*, Law Book Company 1996.  
 Fitzroy Legal Service *The Law Handbook*, Fitzroy Legal Service 2000.

**COMMUNICATION AND ADVOCACY SKILLS (15 CPs, Sem. II, Bu.) LAWCAS Dr Chris Corns and Dr John Willis**

Interested students must submit a written application by 28 April 2000. Application forms are available from the General Office, School of Law and Legal Studies, rm SS229.

Legal work frequently entails the communication of information, the presentation of material and participation in some form of mediation of issues, either formal or informal. Students obtain practical experience in these skills in a number of settings, such as appellate court, magistrates court and tribunal hearings, conciliation conferences and settlement negotiations. It analyses and discusses ethical issues and broad questions of policy that surround these practices. Students receive grounding in the use of such skills as interviewing, advocacy and negotiation.

**Quota:** 18.

**Prerequisite:** current enrolment in Bachelor of Laws.

**Incompatible subjects:** L2CAS, L3CAS.

**Class requirements:** one 2-hour seminar and one 1-hour lecture or workshop per week. Participation outside normal university hours may be required to meet with the schedules of legal bodies and practitioners.

**Assessment:** 3,000-word research exercise (40%) and the performance of the student in various practical exercises (60%).

**COMPETITION POLICY AND LAW (15 CPs, Sem. I, Bu.) LAWCPPL Mr David Wishart**

Competition policy, as expressed in the National Competition Policy, represents the framework for governmental techniques encouraging and regulating market behaviour. Its implementation is one of the most controversial State and Commonwealth Governmental activities of the last decade or so. This subject is about the economic theory which relates to competition and the purposes and legal techniques of increasing and governing competition. Students will undertake a number of case studies in competition policy, in which they will critically analyse various recent and current Australian examples of its implementation. Presentational skills are emphasised,

as is teamwork. Accordingly, students are expected to work in a team to present a case study to the class.

**Prerequisite:** current enrolment in Bachelor of Laws, Bachelor of Commerce, Bachelor of Finance, Bachelor of Business, or Bachelor of Economics.

**Incompatible subjects:** L2CPL, L3CPL, CPL3.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** 2,500-word essay (25%), seminar presentation (25%), 2-hour open book examination (40%), and class participation (10%).

**Prescribed reading:**

Corones, S. G. *Restrictive trade practices*, Law Book Co. 1995.  
 Miller, R. B. *Annotated Trade Practices Act*, current edn, Law Book Co.  
 Report of the independent committee of inquiry: national competition policy review (the Hilmer Report) AGPS 1993.

**CRIMINAL JUSTICE (15 CPs, Sem. I, Bu.) LAW CJ Dr Chris Corns and Dr John Willis**

The way in which the state, through its relevant institutions (courts, Office of Public Prosecutions) and personnel (criminal investigators, prosecutors and judiciary), 'deal with' persons suspected of committing a criminal offence is examined. The focus is very much on the rules, regulations and procedures which govern the investigation and 'processing' of criminal cases and accused persons. Relevant case law and legislative provisions provide the legal framework. Within this legal context, the way in which the law attempts to balance competing rights and interests is a recurrent theme. Amongst the key 'balancing' mechanisms considered are relevant judicial discretions, such as the power to exclude illegally or unfairly obtained evidence, to direct juries to acquit and to issue particular 'warnings' to the jury. Students gain a working knowledge of the basic processes of the administration of criminal justice and an understanding of the way in which key decisions are made (for example arrest, interrogation, committal, prosecution, appeals). A 'skills based' approach to learning is taken, incorporating for example, small-group practical exercises to explore relevant legal practices and issues.

**Prerequisite:** current enrolment in Bachelor of Laws.

**Incompatible subjects:** L2CJ-A, L3CJ-A, L2CJ-B, L3CJ-B, L2PCJ, L3PCJ.

**Class requirements:** one 2-hour seminar and one 1-hour lecture or workshop per week.

**Assessment:** 3,000-word essay (40%) and 3-hour final examination (60%).

**Prescribed reading:**

Findlay, M. and Yeo, S. eds. *Australian criminal justice*, OUP 1994.

**CURRENT ISSUES IN CRIMINAL LAW (15 CPs, Sem. I, Bu) LAWCI Dr Adrian Howe**

This subject builds on earlier studies in criminal law. It is an opportunity to explore in depth current issues of criminal law doctrine and reform. You will be introduced to a range of critical approaches to law and law reform in the field of sexed crime. Recent research is examined which highlights the way the law characterises crimes of violence and assesses the effectiveness of law reform as a strategy for victims of sexual assault and domestic violence. A starting point for this examination is the discussion papers and reports of various federal and state law reform bodies. Students are given the opportunity to explore leading cases, including the most recent High Court cases, as well as scholarly literature in the field.

**Prerequisite:** Completion of the First year of the LLB program.

**Co-requisite:** LAWCRML.

**Incompatible subject:** L2SCL/L3SCL.

**Class requirements:** one 2-hour seminar and one 1-hour lecture per week.

**Assessment:** 4,000-word research assignment (85%), and class participation (15%).

**Preliminary reading:**

Howe, A. (ed.) *Sexed crime in the news*, Federation Press 1998.

**Prescribed reading:**

NSW Law Reform Commission, *Partial defences to murder, provocation and infanticide*, Report 83, 1997.  
 Model Criminal Code Officers Committee, *Discussion paper: model criminal code ch.5 - fatal offences against the person*, 1998.

**DISPUTE RESOLUTION (15 CPs, Sem. I, Bu.) LAWDR Ms Judy Gutman**

You will receive a general introduction to theoretical and practical aspects of dispute resolution. The dispute resolution processes of arbitration, conciliation, mediation and negotiation are described and evaluated. Issues including power imbalances between disputants, rights Vs interest-based approaches, 'bargaining in the shadow of the law' and the regulation of third-party facilitators are analysed. Skills-based training is a compulsory component of the subject.



**Prerequisite:** current enrolment in Bachelor of Laws program.

**Incompatible subjects:** L3DR, L5DR.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** examination (35%), 2,000-word essay (30%) participation and skills assessment (20%) and a reading-skills related diary (15%).

**Prescribed reading:**

Astor, H. and Chinkin, C. *Dispute resolution in Australia*, Butterworths 1992.

Fisher, R. and Ury, W. *Getting to yes: negotiating agreements without giving in*, 2nd edn, Hutchinson 1991.

**EMPLOYMENT AND LABOUR RELATIONS LAW (15 CPs, Bu.)**

**LAWELR** Dr Rob McQueen

Subject not available in 2000.

**FAMILY, SOCIETY AND LAW (15 CPs, Sem. I, Bu.)** **LAWFSL** Ms Lee Ann Marks

The focus of this subject is family law in Australia. The role of the state and of traditional legal forms in the regulation, maintenance and control of family and personal relationships is considered. The impact of the changing role of women within the family, in family law and in state policies is also considered. Specific issues canvassed in this subject include the legal regulation of family formation and breakdown; the financial consequences of family formation and breakdown; parental responsibility and children's rights. This subject aims to provide students with an overview of the key issues in contemporary family law.

**Incompatible subject:** L2FSL, L3FSL.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** 3,000-word essay (45%), class participation (15%) and one 2-hour test (40%).

**Recommended reading:**

Finlay, H. A., Bailey-Harris, R. J. and Otlowski, M. *Family law in Australia*, 5th edn, Butterworths 1997.

**FOUNDATIONS OF LEGAL STUDIES (15 CPs, Sem. I, Bu.)** **LAWFOLS** Professor Margaret Thornton

This subject aims to develop an understanding of the ways in which legal knowledge is constituted within the Anglo-Australian legal culture. It shows that law is not an autonomous or scientific system but a politically and ideologically contingent body of knowledge that tends to reflect the dominant liberal values of society. Ways of thinking about law are considered in the context of legal method and legal reasoning, legal education, contemporary legal practice and ethics.

**Prerequisite:** current enrolment in Bachelor of Laws.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** 1,500-word writing exercise (25%), 3,000-word research essay (60%) and class participation (15%).

**Recommended reading:**

Cain, M. and Harrington, C. B. (eds) *Lawyers in a Postmodern World: Translation and Transgression*, Open University Press 1994.

Davies, M. *Asking the law question*, Law Book Co. 1994.

Thornton, M. *Dissonance and Distrust: Women in the legal profession*, OUP 1996.

**GAMBLING, RISK AND INSURANCE (15 CPs, Sem. I, Bu.)** **GRI3**

Professor Pat O'Malley and Dr Iain Fraser

See School of Business entry for subject description.

**GOVERNING STRATEGIES (15 CPs, Sem. I, Bu.)** **LAWGS** Professor Pat O'Malley

Laws and policies are shaped by their vision of 'the problem' to be governed, how it is to be understood, what the aim of intervention is and how and by what means its government should be achieved.

They deploy certain strategies and technologies (for example, punishment, risk management, medical treatment, etc) which form their subjects in divergent ways - as offenders, members of risk categories, patients, etc. They generate and use particular methods to evaluate their success (and the success of other approaches), which normally reflect the assumptions of the strategy concerned. These assumptions, methods and evaluations of strategies often are inconsistent with those of other strategies. Thus while the overarching assumption of government is one of increasingly effective interventions in specific fields, the reality tends to be a confused politics without universal solutions. This subject examines such processes and the issues they raise, in relation to a specific, contemporary field of policy and law. Students are encouraged to consider the implications of this form of analysis for their own research and policy-oriented work.

**Prerequisite:** Current enrolment in the Honours program for Bachelor of Arts or Bachelor of Laws.

**Class requirements:** 2-hour seminar per week.

**Assessment:** 1,500-word essay (25%), 3,500-word essay (75%).

**HUMAN BEINGS AND LEGAL PERSONS (15 CPs, Sem. II, Bu.)**

**LAWHBLP** Mr Ian Duncanson and Dr Andrea Rhodes-Little

An important way in which the world is made comprehensible, rational, reasonably predictable and moderately safe is through representation. We learn who we are when we know our place(s) and the meanings we have been given in the social order. If we are positioned by a complex interaction of legal and other processes, those processes also provide the leverage for resistance and change. What subjection to the law and being human have amounted to is surprisingly variable. Using the notion of representation to render problematic conventional understandings of what it means to know something, a number of practices are examined: discipline, ownership, domination, slavery, pornography, the holocaust, sex, race, democracy, freedom and nature. Students will be able to draw together in this framework the material and experiences they have encountered during their pre-honours year in Legal Studies and other disciplines.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** Class participation (10%) and one 5,000 word essay (10%).

**HUMAN RIGHTS LAW (15 CPs, Sem. I, Bu.)** **LAWHRL** Dr Jianfu Chen

This subject begins with an introductory review of the influence which culture and ideology bring to bear on the notion of human rights. It then traces the development of human rights protection under international law. This leads into a study of the international conventions and legal processes associated with the recognition and protection of human rights by the United Nations, the Council of Europe and the European Economic Community, the Organisation of American States and the Organisation of African Unity. The protection of rights available under the Canadian Charter of Rights and Freedoms and the Bill of Rights of the United States Constitution are considered and compared with the protection's offered by the legal systems in Australia, New Zealand and the United Kingdom. This subject concludes with a broad discussion of Australian federal and state anti-discrimination legislation and the question of a bill of rights for Australia.

**Prerequisite:** current enrolment in Bachelor of Laws program.

**Class requirements:** one 2-hour seminar and one 1-hour lecture per week.

**Assessment:** 4,000-word essay (100%) or 2,000-word essay (50%) and 2,000-word essay (50%).

**Prescribed reading:**

O'Neill, N. and Handley, R. *Retreat from injustice: human rights in Australian law*, Federation Press 1994.

**INDIGENOUS AUSTRALIANS AND THE LAW (15 CPs, Sem. II, Bu.)**

**LAWIAL** Mr Mark Harris

Subject not available in 2000.

**INNOVATION AND INTELLECTUAL PROPERTY (15 CPs, Sem. I, Bu.)**

**LAWIP** Dr. Chris Arup

Subject not available in 2000.

**INTERNATIONAL BUSINESS LAW (15 CPs, Sem. II, Bu.)** **LAWIBL** Dr Jianfu Chen

Students will be introduced to public and private law aspects of international business. With its focus upon contemporary legal and policy issues, the following topics are covered: international organisations and institutions concerning trade and investment, international sale of goods, international carriage of goods and foreign investment.

**Prerequisite:** First year Legal Studies subject or current enrolment in Bachelor of Laws, Bachelor of Laws/ Bachelor of Commerce, Bachelor of Laws/Bachelor of Finance, Bachelor of Laws/Bachelor of Economics, Bachelor of Commerce, Bachelor of Finance, Bachelor of Business or Bachelor of Economics.

**Incompatible subject:** L3ILM.

**Class requirements:** one 2-hour seminar and one 1-hour lecture per week.  
**Assessment:** 2,000-word assignment (50%) and take-home examination (50%).

**INTRODUCTION TO TAXATION LAW (15 CPs, Sem. II, Bu.)** **LAWIT** Ms Judith Grbich

The aim is to examine the legal methods for measuring income and capacity to pay tax as provided in the Income Tax Assessment Act. This subject includes an examination of the use of trusts, companies and partnerships by taxpayers and the legal methods used for interpreting the monetary gains of these legal entities as taxable income. Techniques of legal reasoning and interpretation will be studied and comparisons of judicial decisions made across different historical periods. The focus of the subject is upon enabling students

to develop skills of legal analysis in the areas of taxation law and the taxation planning practices of families and business entities, and to relate techniques of legal reasoning about taxation to questions of economics.

**Prerequisite:** current enrolment in Bachelor of Laws, Bachelor of Laws/Bachelor of Commerce, Bachelor of Laws/Bachelor of Finance, Bachelor of Laws/Bachelor of Economics, Bachelor of Commerce, Bachelor of Finance, Bachelor of Business or Bachelor of Economics.

**Incompatible subjects:** L2IT, L3IT.

**Class requirements:** one 2-hour lecture per week, one 1-hour seminar or workshop.

**Assessment:** 3,000-word essay (50%), seminar participation (10%), 2-hour open book examination (40%).

**Prescribed reading:**

Cooper, G. S., Deutsch, R. L. and Krever, R. E. *Income taxation: commentary and materials*, 3rd edn, Australian Tax Practice 1999.

*Fundamental tax legislation 2000*, Australian Tax Practice

**JURISPRUDENCE (15 CPs. Sem. I. Bu.) LAWJP Mr Ian Duncanson**  
Subject not available in 2000.

**LAW AND MEDICINE (15 CPs. Sem. I. Bu.) LAWLM Dr Kerry Petersen and Dr Leanna Darvall**  
Subject not available in 2000.

**LAW AND THE SEARCH FOR EQUALITY (15 CPs. Sem. I. Bu.)**

**LAWLSE Professor Margaret Thornton**

*Offered subject to sufficient enrolments.*

In this subject, the limits of the law are critically examined through the lens of citizenship> The neutral Veneer of citizenship is lifted to consider how and why citizens are constituted differently according to sex, race, sexuality and class. A central motif will be that public and private locations generate power in different ways, but it is the public sphere that determines what is public and what is private. Specific issues to be considered access to economic life and EEO, privatisation, public space, republicanism and the Constitution. The insights of feminism and post-modernism are utilised to critique the liberal dilemmas, including sameness and difference, as well as legal rights. The research project allows scope for individual interests to be pursued.

**Prerequisite:** current enrolment in Bachelor of Law, a Law and Legal Studies graduate program, or permission of subject convenor.

**Incompatible subject:** L2LSE, L3LSE.

**Class requirements:** one 5,000-word research project (85%) and class participation (15%).

**Prescribed reading:**

Thornton, M. (ed.) *Public and private: Feminist legal debates*, Oxford UP 1995.

**LEGAL CHANGE, LEGISLATION AND LAW REFORM (15 CPs, Sem. I, Bu.) LAWLCR Mr Jeffrey Barnes**  
Subject not available in 2000.

**LEGAL RESEARCH METHODS (15 CPs. Sem. I. Bu.) LAWLRM Dr Brendan Cassidy**

*Students contemplating honours in law must enrol in this subject before or during the year in which they write their thesis.*

An introduction to major research techniques and the relationship between theory and methods in socio-legal research is provided. Guidance in finding cases and other legal resources will be given. Methods reviewed include textual and content analysis, participant observation, questionnaire construction and the compilation and use of official statistics and documentary evidence. Students are introduced to the broader methodological assumptions upon which the techniques are founded and their links with major theoretical approaches in the social sciences. The subject includes an exercise involving students in the formulation and execution of their own research project. Attention is directed to ethical considerations and the policy implications of socio- legal research.

**Prerequisite:** current enrolment in Bachelor of Laws.

**Class requirements:** one 2-hour lecture and one 1-hour practical class per week.

**Assessment:** a research project comprising: 2,000-word literature review and 2,000-word research report (100%).

**Prescribed reading:**

Kellehear, A. *The unobtrusive researcher*, Unwin 1993.

**LITERATURE AND LAW (15 CPs. Sem. I. Bu.) LAWLAL Ms Judith Grbich**  
Subject not available in 2000.

**NEGOTIATION AND MEDIATION (15 CPs. Sem. II. Bu.) LAWNM Dr Tom Fisher and Dr Eleanor Wertheim**

Two approaches to resolving conflict are presented: a conflict resolution model suitable for use in negotiations and a mediation

model in which an impartial third party facilitates negotiations between disputing parties. In each case the focus is on practical skills acquisition, and the models include a number of clearly defined stages. Students learn appropriate interventions for each stage of the two processes. Theoretical issues and relevant empirical studies are addressed, including topics such as conflict escalation, competitive versus cooperative approaches to conflict, mediation processes, ethics, and gender and power issues in mediation.

**Prerequisite:** Current enrolment in Bachelor of Laws program, one of: LAWDR, L3DR or L5DR, and permission of subject convenor.

**Class requirements:** Three 2-day weekend workshops, combining lectures and practical training sessions.

**Assessment:** conflict management journal kept throughout the semester and submitted in sections (30%), video and analysis tape demonstration of practical skills (35%) and 1.5-hour examination (35%).

**Prescribed reading:**

Wertheim, W. et al. *Skills for resolving conflict*, Eruditions 1998.

Moore, C. *The mediation process*, 2<sup>nd</sup> edn, Jossey-Bass 1996.

**Recommended reading:**

Fisher, R. and Ertel, D., *Getting ready to negotiate*, Penguin 1995.

**PSYCHOLOGY AND LAW (15 CPs. Sem. II. Bu.) LAWPAL Ms Marilyn McMahon**

A bridge between psychology and law is provided through critical discussion and evaluation of the ways in which social and behavioural researchers have attempted to investigate and analyse legal phenomena. The process of investigating a criminal event, bringing the matter to trial, and decision-making regarding guilt and disposition, are explored from a psychological perspective. Relevant literature regarding eyewitness testimony, interviewing of witnesses and interrogation of suspects, confessions, lie detection, forensic hypnosis, expert testimony, and jury decision-making is utilised. Pertinent case law and statutes are also considered.

**Prerequisite:** current enrolment in the combined Law/Behavioural Science double degree.

**Incompatible subject:** L2PAL, L3PAL.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** 3,000-word essay (45%), class test (15%), class test (15%), class test (15%) and tutorial participation (10%).

**Prescribed reading:**

Kapardis, A. *Psychology and law: a critical appraisal*, Cambridge UP 1997.

**PUBLIC INTERNATIONAL LAW (15 CPs. Sem. II. Bu.) LAWPIR Dr Savitri Taylor**  
Subject not available in 2000.

**SOCIAL SECURITY LAW AND PRACTICE (15 CPs. Sem. II. Bu.) LAWSSLP Ms Mary Anne Noone**  
Subject not available in 2000.

**Legal studies subjects**

It is possible to take legal studies subjects in courses other than those offered by the School of Law and Legal Studies. Such courses include the Bachelor of Arts, Bachelor of Behavioural Science, Bachelor of Business, Bachelor of Commerce, Bachelor of Economics, Bachelor of Finance, Bachelor of Health Sciences and Bachelor of Science. It is possible to do a major in legal studies in most of these degrees.

In order to provide a wide range of areas for study, the School offers a large number of subjects. However, it is not possible to offer all of these subjects every year, so certain subjects will be available only every second year.

This arrangement allows students the opportunity of enrolling in any of these subjects during the course of their degree. Most of those subjects which are not available in 2000 will be offered in 2001. Information will be available at enrolment about which electives will be offered in the following year.

Students commencing in 2000 must complete a minimum of 30 and up to 45 credit points of legal studies at first year level before proceeding to second- year legal studies subjects. Students who commenced prior 2000 will require 40 credit points of legal studies at First year level. From 2000, all First year Legal Studies subjects are worth 15 credit points, with later year subjects worth 20 credit points.

**First year subjects**

Sem.		Subject code
1	Law and Society (prerequisite to L1CLI, L1CC and L1CLS)	Legal Studies 1LS
1	Law of Commercial Contract (prerequisite to L1LBA)	Legal Studies 1LCC

2	Contemporary Legal Issues	Legal Studies 1CLI
2	Crime and Criminology	Legal Studies 1CC
2	Criminal Law and Society	Legal Studies 1CLS
2	Law of Business Association	Legal Studies 1LBA

## Legal studies subject clusters

### Second and third year subjects

The School recognises that there are many advantages to selecting from a cohesive group of subjects. Six clusters of related subjects help with the process of choosing. Each cluster focuses on a particular area, such as law and economic relations, or on a particular approach to the understanding of law, such as feminist legal studies.

#### Comparative law and human rights

Aborigines and law in Australia	Legal Studies 2ALA, 3ALA
Discrimination and the law	L2DL, L3DL
Human rights in national & international law	L2HRL, L3HRL
Migration in national and international law	L3MNL
Public international law	L2PIL, L3PIL
Understanding Asian legal systems	L2ALS, L3ALS

#### Criminology and criminal justice

Crime and psychology	L2CAP, L3CAP
Crime, sex and punishment	L2CSP, L3CSP
Crime, sex and violence	L2CSV, L3CSV
Critical issues in criminology	L3CIC
Forensic psychology	L3FP
Policing and criminal justice	L2PC, L3PCJ
Remedies and sanctions	L2RAS, L3RAS

#### Feminist legal studies

Crime, sex and punishment	L2CSP, L3CSP
Crime, sex and violence	L2CSV, L3CSV
Discrimination and the law	L2DL, L3DL
Gender, law and interpretation	L2GLI, L3GLI
Law and the search for equality	L2LSE, L3LSE

#### Law and economic relations

Banking law and practice	L2BLP, L3BLP
Commercial organisations, business regulation and ethical behaviour	L3CBE
Competition policy and law	L2CPL, L3CPL
Gender, law and interpretation	L2GLI, L3GLI
International business law	L2IBL, L3IBL

#### Law and social policy

Disability, rights and law	L3DRL
Family law and social policy	L2FSP, L3FSP
Health law and medicine	L2HLM, L3HLM
Law and popular culture	L2LPC, L3LPC
Law and social justice-A	L2LSJ-A, L3LSJ-A
Law and social justice-B	L2LSJ-B, L3LSJ-B
Law and the search for equality	L2LSE, L3LSE
Legal rights, poverty and legal services	L2RPS, L3RPS
Problems in public policy and the law	L2PPL, L3PPL
Remedies and sanctions	L2RAS, L3RAS

#### Research methods and clinical skills

Clinical legal education-B	L2CLE-B, L3CLE-B
Dispute resolution	L3DR
Introduction to socio-legal research methods	L2SRM, L3SRM
Legal reasoning	L2LR, L3LR
Negotiation and mediation	L3NM

## Legal studies subject descriptions

### LEGAL STUDIES 1CC: CRIME AND CRIMINOLOGY (15 CPs. Sem. II. Bu.) L1CC Ms Sandy Cook and Dr Andrea Rhodes-Little

Students are introduced to critical criminology issues in Australia. The subject examines and contextualises conflicting ideas about crime and criminals, law and social order and critically considers the role of key players – the media, the criminal justice system, lawyers and criminologists – in the policing of crime and the construction of law-and-order agendas. The emphasis is on new, critical approaches to the question of law, serious crime and issues relating to the criminalisation and marginalisation of groups such as ethnic minorities, Aborigines, 'wayward' women and young people.

**Prerequisite:** L1LS or L1LCC.

**Incompatible subject:** L1CC (20CPs).

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** 1,000-word essay (20%), 2,500-word essay (70%) and tutorial participation (10%).

### LEGAL STUDIES 1CLI: CONTEMPORARY LEGAL ISSUES (15CPs. Sem. II. Bu.) L1CLI Dr. Oliver Mendelsohn and Mr Mark Harris

This subject provides a broad introduction to a number of later subjects in legal studies and is also suitable for students who wish to

do only one year of legal studies. Students consider the relationship between legal rules and social contexts. Specifically, the subject examines how the changing nature of society is having an increasing impact upon individual rights, their definition and development. Students will consider, for example, the impact of the growth of new technology upon the law, the intersection of sport and law, the question of freedom of speech, and the questions posed for the legal system by the trend towards globalisation.

**Prerequisite:** L1LS or L1LCC.

**Incompatible subject:** L1CLI (20CPs).

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** 2,000-word essay (45%), 2,000-word essay (45%) and tutorial participation (10%).

### LEGAL STUDIES 1CLS: CRIMINAL LAW AND SOCIETY (15 CPs. Sem. II. Bu.) L1CLS Dr. Spencer Zifcak and Ms Emma Henderson

This subject examines the role of criminal law in society. Students are introduced to the nature and operation of the Australian criminal justice system. Through a specific examination of the law of homicide, sexual assault and family violence, students learn to apply skills in legal research and analysis, especially legal problem-solving. Study of these topics also involves a critical examination of the historical and social dimensions of criminal law and the appropriateness and effectiveness of the criminal law in dealing with social problems.

**Prerequisite:** L1LS, or L1LCC.

**Incompatible subject:** L1CLS (20CPs).

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** 2,000-word essay (40%), examination (60%).

#### Prescribed reading:

Laster K. et al. *Law as culture*, Federation Press 1997.

### LEGAL STUDIES 1LBA: LAW OF BUSINESS ASSOCIATION (15 CPs. Sem. II. Bu., Sh.) L1LBA Mr David Wishart and Dr Vivien Goldwasser

Students completing this subject should be able to describe the key features of the legislation and cases which govern the formation and regulation of business associations (particularly corporations) and the operation of securities markets in Australia. They should be able to explain how these laws operate on the economy and society at large and on persons and institutions within society, along with how persons and institutions may best utilise these laws. Students completing the subject should also be able to apply rules and principles extracted from the legislation and cases to resolve disputes arising from the operations and functioning of business associations and the workings of securities markets.

**Prerequisite:** it is recommended that students complete L1LCC before attempting this subject.

**Incompatible subject:** L1LEA.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** 1,000-word assignment (20%), 1,000-word assignment (20%) and 3-hour open book examination (60%).

#### Prescribed reading:

*Australian corporations legislation*, current edn, Butterworths or CCH.  
Griffiths, L. and Woodward, S. *Corporations law workbook*, current edn, Law Book Co.

### LEGAL STUDIES 1LCC: LAW OF COMMERCIAL CONTRACT (15 CPs. Sem. I or II. Bu., Sem II Sh.) L1LCC Bu: Dr Vivien Goldwasser and Mr Tony Ciro

This subject commences with an introduction to legal institutions and practices such as law making and interpretation of laws. The body of the subject is concerned with the law of contract and its place in commercial law, notably the law of the sale of goods. It compares other kinds of civil liability such as fault liability. The subject considers the economic and political factors which have influenced the development of this law and assesses the impact of the law on business and industrial activity.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** 1,500-word essay (25%) and 3-hour examination (75%).

#### Preliminary reading:

Collins, H. *The law of contract*, 2nd edn, Weidenfeld and Nicolson 1993.

#### Prescribed reading:

*Goods Act 1958* (Vic).  
*Trade Practices Act 1974* (C'th).  
Turner, C. *Australian commercial law*, current edn, Law Book Co.

### LEGAL STUDIES 1 LCC: LAW OF COMMERCIAL CONTRACT (15 CPs. Sem. I. Aw.) WLCC1 Ms Angela Dwyer

You will examine, in some detail, legal disciplines that have relevance to the commercial environment. The main focus is on the law of contract however, the law of torts (including product liability

and negligent misrepresentation) will also be considered as these areas are complementary and particularly relevant in the commercial context. At first legal institutions and legal concepts such as the hierarchy of courts, the use of precedent and statutory interpretation are explained. As the law of contract and tort involve the use of both case law and legislation, students will be expected to gain some proficiency in case analysis and statutory interpretation. The subject considers economic and political influences on the law and assesses the impact of the law on business activity.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** one 2,500-word essay (30%), one class test (10%), and one 3-hour examination (60%)

**Prescribed reading:**

Turner, C. 1999 *Australian Commercial Law* 22 edn, Law Book Company, Sydney.

**LEGAL STUDIES 1LS: LAW AND SOCIETY (15 CPs. Sem. I. Bu.) L1LS**  
*Ms Kathy Laster and Mr Mark Harris*

This is the main introductory subject for legal studies. It explores the language and rituals of law, the way lawyers think, solve problems and see themselves as a profession. Using prostitution as a case study, students learn about the cultural dimensions of law by understanding and practising the skills valued by lawyers, including legal research and analysis of statute and case law. This subject equips students to understand and to critique the operation of and values underlying, important social institutions like the Australian legal system.

**Incompatible subject:** L1LS (20CPs).

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** 2,000-word essay (50%) and 3-hour examination (50%).

**Prescribed reading:**

Laster, K. et al, *Law as culture*, Federation Press 1997.

*Prostitution Control Act* 1994 (Vic).

*Prostitution Control Regulations* 1995 (Vic).

**Second year subjects**

**LEGAL STUDIES 2ALA: ABORIGINES AND LAW IN AUSTRALIA (20 CPs, Sem. I, Bu.) L2ALA** *Mr Mark Harris*

It is the general aim of this subject that students should gain an understanding of the impact of the law upon Aboriginal society and develop an understanding of the basis of Aboriginal rights to land. Specific objectives are that students should appreciate the extent to which the experience of Aboriginal peoples since white settlement has fundamentally influenced their perceptions of, and relations with, the law and its agents, understand the manner in which the law has been used to legitimise dispossession and genocide, be aware of the factors which have contributed to the gross over-representation of Aboriginal people in the prison system, recognise the key reasons for the failure of the Royal Commission into Aboriginal deaths in custody to stop the deaths from occurring, and be able to explain the underlying principles of the Mabo decision and discuss the significance of the Native Title Act 1993. Students should be able to demonstrate an understanding of the main arguments about the recognition of Aboriginal customary law by Australian courts and demonstrate an awareness of the key policies that have been used to regulate Aboriginal affairs.

**Prerequisite:** any first year legal studies subject, or enrolment in an Aboriginal studies sequence.

**Class requirements:** one 2-hour lecture and one 1-hour seminar per week.  
**Assessment:** 2,000-word essay (40%), 3,000-word essay (60%).

**Prescribed reading:**

Cunneen, C. and Libesman, T., *Indigenous people and the law in Australia*, Butterworths 1995.

**LEGAL STUDIES 2ALS: UNDERSTANDING ASIAN LEGAL SYSTEMS (20 CPs. Sem. I. Bu.) L2ALS**

*Subject not available in 2000.*

**LEGAL STUDIES 2BLP: BANKING LAW AND PRACTICE (15 CPs. Sem. I. Bu.) L2BLP** *Dr Rob McQueen and Ms Ann Wardrop*

*This subject is required for students who seek to satisfy the accreditation requirements of the Australian Institute of Banking and Finance.*

The subject provides a general introduction to many aspects of banking law and practice. It provides a broad overview of the law relating to negotiable instruments, securities, electronic banking, credit and charge cards and the banker-customer relationship. It examines the manner in which the law has been used as a facilitator of social and economic policy in the field of banking and finance. Also considered is the role of non-judicial forms of conciliation and mediation in the resolution of disputes over aspects of banking

practice, in particular, the effectiveness of and prospects for codes of conduct, conciliation bodies and non-legal means of dispute resolution in the banking and finance industry.

**Prerequisite:** current enrolment in Bachelor of Laws, Bachelor of Commerce, Bachelor of Finance, Bachelor of Business or Bachelor of Economics.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** 2,500-word assignment (40%) and 3-hour examination (60%).

**Prescribed reading:**

Tyree, A. *Banking law in Australia*, 3rd edn, Butterworths 1998.

*Cheques Act* (Cth) 1986.

**Recommended reading:**

Weerasooria, W. *Banking law and the financial system in Australia*, latest edn., Butterworths.

**LEGAL STUDIES 2CAP: CRIME AND PSYCHOLOGY (20 CPs. Sem. II. Bu.) L2CAP** *Ms Marilyn McMahon*

*Offered subject to sufficient enrolments.*

Selected psychological aspects of criminal behaviour (for example the relationship between mental disorder and crime, antisocial personality disorder) and the psychology of violence are examined. Sex offences, arson, homicide (including serial killings and mass murder) and the profiling of offenders are examined in order to illustrate the application of psychological approaches to understanding criminal behaviour.

**Prerequisite:** any first year legal studies or psychology subject.

**Incompatible subject:** L2PAC, L3PAC.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** 3,000-word essay (45%), 3-hour examination (45%) and tutorial participation (10%).

**Prescribed reading:**

Blackburn, R. *The psychology of criminal conduct*, Wiley 1993.

Feldman, P. *Psychology of crime*, Cambridge UP 1993.

Hollin, C. *Psychology and crime: an introduction to criminological psychology*, Routledge and Kegan Paul 1989.

**LEGAL STUDIES 2CLE-B: CLINICAL LEGAL EDUCATION - B (20 CPs. Sem. I or II. Bu.) L2CLE-B** *Ms Helen Brown*

*Subject not available in 2000.*

**LEGAL STUDIES 2CPL: COMPETITION POLICY AND LAW (20 CPs. Sem. I. Bu.) L2CPL** *Mr David Wishart*

Competition policy, as expressed in the National Competition Policy, represents the framework for governmental techniques encouraging and regulating market behaviour. Its implementation is one of the most controversial State and Commonwealth Governmental activities of the last decade or so. This subject is about the economic theory which relates to competition and the purposes and legal techniques of increasing and governing competition. Students will undertake a number of case studies in competition policy, in which they will critically analyse various recent and current Australian examples of its implementation. Presentational skills are emphasised, as is teamwork. Accordingly, students are expected to work in a team to present a case study to the class.

**Prerequisite:** any First year legal studies subject.

**Incompatible subject:** L3CPL, LAWCP.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 2,500-word essay (25%), seminar presentation (25%), one 2-hour open book examination (40%) and class participation (10%).

**Prescribed reading:**

Corones, S. G. *Restrictive trade practices*, Law Book Co. 1995.

Miller, R.B. *Annotated Trade Practices Act*, current edn, Law Book Co.

Report of the independent committee of inquiry: national competition policy review (the Hilmer Report) AGPS 1993.

**LEGAL STUDIES 2CSP: CRIME SEX AND PUNISHMENT (20 CPs. Sem. II. Bu.) L2CSP** *Ms Sandy Cook*

In this subject historical and contemporary understandings and practices relating to crime and punishment are examined within the context of gendered social ideologies, practices and structures. Offending, its representation in criminological and other discourses and its treatment, particularly within the criminal justice system, are addressed via key themes such as the construction of sex, gender, sexuality, race and economy. Specific offences, including those relating to prostitution, public order, infanticide, abortion, rape and property are analysed, as are specific forms of punishment. The implications of feminist and post-modern scholarship for contemporary 'law and order' debate and practice are explored.

**Prerequisite:** any first year legal studies or women's studies subject, or permission of the Head of the School.

**Incompatible subject:** L2SCP, L3SCP, WS2SCP, WS3SCP.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** 2,000-word essay (40%), 3,000-word research essay (45%) and tutorial participation (15%).

**Prescribed reading:**

Howe, A. *Punish and critique*, Routledge 1994.

L2/L3CSP Materials book available from Bookshop.

**LEGAL STUDIES 2CSV: CRIME SEX AND VIOLENCE (20 CPs. Sem. I. Bu.) L2CSV Dr Adrian Howe**

This subject examines sex/gender questions in relation to criminological and psychological approaches to violent crime. The focus is on violent interpersonal crime, including sex killings, child sexual assault and domestic violence. The subject provides a critique of conventional criminological and psychological explanations of violence, from the perspectives offered by feminist and post-structuralist theories. Critical approaches to forms of symbolic violence such as masculinist educational systems are also explored.

**Prerequisite:** any first year legal studies subject.

**Incompatible subject:** L2CSS, L3CSS.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** 2,500-word essay (35%), 2,500-word take-home examination (50%) and tutorial participation (15%).

**Prescribed reading:**

Howe, A. (ed.) *Sexed crime in the news*, Federation Press 1998.

**LEGAL STUDIES 2DL: DISCRIMINATION AND THE LAW (20 CPs. Sem. I. Bu.) L2DL Dr Andrea Rhodes-Little**

Intersecting social and cultural forces in Australian society categorise groups of people, often in ways which form the basis of, or legitimate, inequality. People may identify with the positions into which they are put, or they may resist. The nature of the discriminatory forces and the responses to them will be examined in the context of theories about identity, citizenship and the legal subject. Students gain an understanding of current theories about how social ordering and discrimination forms the context of regimes of law and will be able to use this understanding to think critically about prejudice, discriminatory behaviours and unequal treatment, the possibilities and limits of anti-discrimination measures, the arguments about affirmative action and the concepts of difference and formal and substantive equality.

**Prerequisite:** any first year legal studies subject or enrolment in an Aboriginal studies or women's studies subject.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** class participation (10%), 1,500-word essay (25%) and 3,500-word essay (65%).

**LEGAL STUDIES 2FSP: FAMILY LAW AND SOCIAL POLICY (20 CPs. Sem. II. Bu.) L2FSP Dr Kerry Petersen**

Subject not available in 2000.

**LEGAL STUDIES 2GLI: GENDER, LAW AND INTERPRETATION (20 CPs. Sem. II. Bu.) L2GLI Ms Judith Grbich**

Does reading legal texts conjure in one's mind an image of a young girl at the threshold of a magical garden, a wonderland, or are one's cultural beliefs about the body of the law more variously sexed and raced? Wonder, magical gardens, grounds of belief and the spectacle of a beloved girl becoming a woman are cultural resources used by the western imagination to make sense of the differences between human work, and of the justice of making a legal order for these things. Questions of legal interpretation as both a technology and an art will be pursued by a study of contemporary legal texts on sex discrimination law, and fictional texts on the making of monsters, the losing and finding of children, and the longing to be free of these daily tasks of growing up and being already grown-up. Jurisprudential, feminist and literary methods for understanding the reading and writing of legal texts will support the course objective of enabling students to develop a critical understanding of the use of sex and age differences in making sense of legal regulation.

**Prerequisite:** any first year legal studies subject or permission of the Head of School.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** 2,000-word essay (40%), 3,000-word essay (50%) and class participation (10%).

**Prescribed reading:**

Carroll, L. *Alice's adventures in wonderland, and through the looking glass*, Penguin Classic, 1998.

Shelley, M. *Frankenstein*, OUP, any edn.

Eliot, G. *Silas Marner*, OUP, any edn.

**LEGAL STUDIES 2HLM: HEALTH LAW AND MEDICINE (20 CPs. Sem. II. Bu.) L2HLM Dr Kerry Petersen and Dr Leanna Darvall**

A major focus of this subject is communication and decision-making in the doctor-patient relationship, taking into account patient differences including age, gender and cultural values. A range of topics is covered, including consent, euthanasia, confidentiality and access to medical records, resource allocation and its effect on treatment choices, health complaints and grievance resolution. The subject develops an understanding of legal and ethical standards governing medical practice and encourages critical evaluation of various views concerning doctor and patient communication and interaction.

**Prerequisite:** any first year legal studies subject or permission of the Head of School. This subject can also be taken by students from the Faculty of Health Sciences, with approval from the Head of School.

**Incompatible subject:** L2HMLA, L3HMLA, LAWLM.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** 2-hour in-class test (50%), 2-hour in-class test (50%).

**Prescribed reading:**

Skene, L. *Law and medical practice*, Butterworths 1998.

**Recommended reading:**

Bennett, B. *Law and medicine*, Law Book Co. 1997.

**LEGAL STUDIES 2HRL: HUMAN RIGHTS IN NATIONAL AND INTERNATIONAL LAW (20 CPs. Sem. II. Bu.) L2HRL Dr Jianfu Chen**

Subject not available in 2000.

**LEGAL STUDIES 2IBL: INTERNATIONAL BUSINESS LAW (20 CPs. Sem. I. Bu.) L2IBL Dr Jianfu Chen**

Students will be introduced to public and private law aspects of international business. With a focus upon contemporary legal and policy issues, the topics covered will be, international organisations and institutions concerning trade and investment, international sale of goods, international carriage of goods and foreign investment.

**Prerequisite:** any First year Legal Studies subject.

**Incompatible subject:** L3ILM.

**Class requirements:** one 2-hour seminar and one 1-hour lecture per week.

**Assessment:** 2,000-word assignment (50%) and take-home examination (50%).

**LEGAL STUDIES 2LPC: LAW AND POPULAR CULTURE (20 CPs. Sem. II. Bu.) L2LPC Dr Brendan Cassidy**

Subject not available in 2000.

**LEGAL STUDIES 2LR: LEGAL REASONING (20 CPs. Sem. II. Bu.)**

**L2LR Mr Kenneth Warner and Mr Ian Duncanson**

Students are provided with a detailed study of judicial decision-making and its relationship to the handling of disputes at different levels of the legal structure and various stages of the legal process. Using case-law materials, the techniques of legal reasoning and styles of legal thinking, along with the ways in which judicial decisions are able to respond to the demands of social change are investigated. Consideration is given to techniques of reading statutes and other legal texts and to strategies of interpretation in relation to legal reasoning and decision-making.

**Prerequisite:** any first year legal studies subject.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** tutorial workbook (20%), 1,500-word assignment (30%) and 2-hour examination (50%).

**Prescribed reading:**

Twining, W. and Miers, D. *How to do things with rules*, 3rd edn, Weidenfeld and Nicolson 1991.

**LEGAL STUDIES 2LSJ-A: LAW AND SOCIAL JUSTICE - A (20 CPs. Sem. I. Bu.) L2LSJ-A Ms Cathy Lowy**

The welfare state can be seen as an attempt to achieve social justice. Does it succeed? In particular, does it succeed in Australia? What is the function of law and regulation here? A general introduction to the foundations of the welfare state is provided, with the focus on Australia. Pursued throughout the subject is the role of the law in a range of concerns of the Australian welfare state, such as income maintenance, health care and child protection. The position of women, the old, migrants and children, receive special attention. Critiques of the welfare state as a means of achieving social justice are considered. A number of students will receive experience in a community legal centre.

**Prerequisite:** any first year legal studies subject.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** Two 2,500-word essays (35% and 50%) and tutorial participation (15%). One essay may be replaced by one 3-hour examination (35% or 50%).



**LEGAL STUDIES 2LSJ-B: LAW AND SOCIAL JUSTICE – B (20 CPs. Sem. I. Bu.) L2LSJ-B** Ms Mary Anne Noone  
Subject not available in 2000.

**LEGAL STUDIES 2PCJ: POLICING AND CRIMINAL JUSTICE (20 CPs. Sem. II. Bu.) L2PCJ** Dr Chris Corns

The way in which the state, through its various agencies, 'responds' to the problem of crime is explored. The notion of 'response' is examined in terms of general strategies, (such as increasing police powers, creating 'super' investigatory bodies, increasing severity of sentences) and in terms of specific rules and procedures such as plea bargains and sentencing discounts. The notion of 'policing' is central and is examined from historical, legal and cultural perspectives. The aim is to critically explore a number of general questions and issues relating to contemporary policing and the administration of criminal justice in Australia. In particular, the way in which the law attempts to resolve a number of competing rights and interests (of the accused, the investigators, the community and the victim) is considered, as well as the basic question of whether policing and criminal justice is in fact administered 'fairly' and rationally.

*Prerequisite:* any first year legal studies subject.

*Incompatible subject:* L2CJ-B, L3CJ-B, L2CJ-A, L2CJ-B, LAW CJ.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* 3,000-word essay (40%) and 3-hour examination (60%).

**Prescribed reading:**

Findlay, M. and Yeo, S. *Australian criminal justice*, OUP 1994.

**LEGAL STUDIES 2 PIL: PUBLIC INTERNATIONAL LAW (20 CPs. Sem. I. Bu.) L2PIL** Dr Savitri Taylor  
Subject not available in 2000.

**LEGAL STUDIES 2PPL: PROBLEMS IN PUBLIC POLICY AND THE LAW (20 CPs. Sem. II. Bu.) L2PPL** Ms Cathy Lowy

Public policy and its legal expression are always influenced and sometimes determined by, more general assumptions in ethics. This is the point from which we begin. For instance, we ask what public policy and legal expression are appropriate answers to the question, 'How far should the activities of the press, researchers and professionals be restricted to safeguard the privacy of citizens?'. We then go on to consider the conceptual and moral aspects of various possible answers. In the course of the subject students have the opportunity to consider a number of policy problems of current concern within this framework.

*Prerequisite:* any first year legal studies subject.

*Class requirements:* 3-hour seminar per week.

*Assessment:* four, 500-word policy statements (30%), 1,500-word essay (20%), 2,000 to 2,500-word essay (35%) and class cooperative work (15%).

**LEGAL STUDIES 2RAS: REMEDIES AND SANCTIONS (20 CPs. Sem. I. Bu.) L2RAS** Professor Pat O'Malley  
Subject not available in 2000.

**LEGAL STUDIES 2RPS: LEGAL RIGHTS, POVERTY AND LEGAL SERVICES (20 CPs. Sem. II. Bu.) L2RPS** Ms Mary Anne Noone

The scope and limits of 'practising law for poor people' is analysed. The range of models available for delivering legal services to the poor and disadvantaged is explored. A theoretical framework for analysis of these models is developed. A major focus is the development of Australia's community legal centres within the context of the Australian legal aid system. Comparisons are made to the legal aid programs in the USA and UK. The current domestic crisis in the provision of legal aid services and threats to the community legal centre model are examined in the context of the international situation.

*Prerequisite:* any First year legal studies subject.

*Class requirements:* one 2-hour seminar and one 1-hour tutorial per week.

*Assessment:* Take-home exam (20%), Take-home exam (20%), 3,000-word essay (50%) and class participation (10%).

**LEGAL STUDIES 2SRM: INTRODUCTION TO SOCIO-LEGAL RESEARCH METHODS (20 CPs. Sem. I. Bu.) L2SRM** Dr Brendan Cassidy

Students contemplating honours in legal studies must enrol in this subject before or during the year in which they write their thesis. An introduction to major research techniques and the relationship between theory and method in socio-legal research is provided. Methods reviewed include textual and content analysis, participant observation, questionnaire construction and the compilation and use of official statistics and documentary evidence. Students are introduced to the broader methodological assumptions upon which the techniques are founded and their links with major theoretical approaches in the social sciences. An exercise involving students in the formulation and execution of their own research project is

included. Attention is directed to ethical considerations and the policy implications of socio-legal research.

*Prerequisite:* any first year legal studies subject.

*Class requirements:* one 2-hour lecture and one 1-hour tutorial per week.

*Assessment:* a research project comprising: 3,000-word literature review and 3,000-word research report (100%).

**Prescribed reading:**

Kellehear, A. *The unobtrusive researcher*, Unwin 1993.

**Third year subjects**

**LEGAL STUDIES 3ALA: ABORIGINES AND LAW IN AUSTRALIA (20 CPs. Sem. I. Bu.) L3ALA**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3ALS: UNDERSTANDING ASIAN LEGAL SYSTEMS (20 CPs. Sem. I. Bu.) L3ALS**

Subject not available in 2000.

**LEGAL STUDIES 3BLP: BANKING LAW AND PRACTICE (15 CPs. Sem. I. Bu.) L3BLP**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3CAP: CRIME AND PSYCHOLOGY (20 CPs. Sem. I. Bu.) L3CAP**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3CBE: COMMERCIAL ORGANISATIONS, BUSINESS REGULATION AND ETHICAL BEHAVIOUR (20 CPs. Sem. II. Bu.) L3CBE** Dr Rob McQueen

Not available in 2000.

**LEGAL STUDIES 3CIC: CRITICAL ISSUES IN CRIMINOLOGY (20 CPs. Sem. II. Bu.) L3CIC** Dr Adrian Howe

Subject not available in 2000.

**LEGAL STUDIES 3CLE-B: CLINICAL LEGAL EDUCATION - B (20 CPs. Sem. I or II. Bu.) L3CLE-B**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3CPL: COMPETITION POLICY AND LAW (20 CPs. Sem. I. Bu.) L3CPL**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3CSP: CRIME SEX AND PUNISHMENT (20 CPs. Sem. II. Bu.) L3CSP**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3CSV: CRIME SEX AND VIOLENCE (20 CPs. Sem. I. Bu.) L3CSV**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3DL: DISCRIMINATION AND THE LAW (20 CPs. Sem. I. Bu.) L3DL**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3DRL: DISABILITY RIGHTS AND LAW (20 CPs. Sem. II. Bu.) L3DRL** Ms Lee Ann Marks and Ms Sandy Cook

Real concerns have arisen in recent years about the rights of people with disabilities. This has led to a number of legislative enactments. To understand these developments, this subject develops in students a critical understanding of: the historical, theoretical, social and political contexts in which disability is constructed, the international, national and local laws which impact upon people with disabilities, and the ramifications of these laws on policy. The theoretical and legal context is tested by an examination of particular case studies. The specific case studies will vary from year to year and include areas such as inclusive education, sexuality, employment, treatment in the criminal justice system and housing. The role of law and social policy in facilitating change for people with disabilities is evaluated. Areas requiring reform are identified and strategies for change developed. *Prerequisite:* a second year legal studies subject or approval of Head of School.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* 3,500-word research essay (60%), 1,500-word assignment (30%), class participation (10%).

**LEGAL STUDIES 3DR: DISPUTE RESOLUTION (20 CPs. Sem. I. Bu.) L3DR** Ms Judy Gutman

This subject provides a general introduction to theoretical and practical aspects of dispute resolution. The dispute resolution processes of arbitration, conciliation, mediation and negotiation are described and evaluated. Issues including power imbalances between disputants, rights Vs interest-based approaches, 'bargaining in the shadow of the law' and the regulation of third-party facilitators are analysed. Skills-based training is a compulsory component of the subject.



**Prerequisite:** any second year legal studies or psychology subject, or successful completion of a core subject in peace studies.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** examination (35%), 3,000-word essay (30%) participation and skills assessment (20%) and a reading-skills related diary (15%).

**Prescribed reading:**

Astor, H. and Chinkin, C. *Dispute resolution in Australia*, Butterworths 1992.

Fisher, R. and Ury, W. *Getting to yes: negotiating agreements without giving in*, 2nd edn, Hutchinson 1991.

**LEGAL STUDIES 3FP: FORENSIC PSYCHOLOGY (20 CPs. Sem. II. Bu.) L3FP Ms Marilyn McMahon**

Students will develop a critical understanding of the use, impact and policy implications of psychological and psychiatric research and expert testimony utilised in contemporary Australian legal cases. Through the analysis of leading cases, supplemented by relevant psychological and criminological research, the role of the expert mental health professional is analysed and psychological and psychiatric evidence critically evaluated. Consideration is given to selected topics, including false confessions, syndrome evidence (including 'battered woman syndrome' and 'pre-menstrual syndrome') and the mental state defences of automatism, insanity and diminished responsibility. The policy implications of accepting or rejecting this type of evidence are explored.

**Prerequisite:** L2CAP, L3CAP, L2PAC, L3PAC or any second year psychology subject.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** 3,000-word research essay (45%), 2-hour examination (45%) and seminar participation (10%).

**Prescribed reading:**

Shea, P. *Psychiatry in court: the usefulness of psychiatric reports and psychiatric evidence in court proceedings*, Institute of Criminology, Sydney University Law School 1993.

**LEGAL STUDIES 3FSP: FAMILY LAW AND SOCIAL POLICY (20 CPs. Sem. II. Bu.) L3FSP**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3GLI: GENDER LAW AND INTERPRETATION (20 CPs. Sem. II. Bu.) L3GLI**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3HLM: HEALTH LAW AND MEDICINE (20 CPs. Sem. II. Bu.) L3HLM**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3HRL: HUMAN RIGHTS IN NATIONAL AND INTERNATIONAL LAW (20 CPs. Sem. II. Bu.) L3HRL**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3IBL: INTERNATIONAL BUSINESS LAW (20 CPs. Sem. I. Bu.) L3IBL**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3LPC: LAW AND POPULAR CULTURE (20 CPs. Sem. II. Bu.) L3LPC**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3LSJ-B: LAW AND SOCIAL JUSTICE - B (20 CPs. Sem. I. Bu.) L3LSJ-B**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3LR: LEGAL REASONING (20 CPs. Sem. II. Bu.) L3LR**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3LSJ-A: LAW AND SOCIAL JUSTICE -A (20 CPs. Sem. I. Bu.) L3LSJ-A**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3NM: NEGOTIATION AND MEDIATION (20 CPs, Sem. II, Bu.) L3NM**

Not available in 2000.

**LEGAL STUDIES 3PCJ: POLICING AND CRIMINAL JUSTICE (20 CPs. Sem. II. Bu.) L3PCJ**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3PPL: PROBLEMS IN PUBLIC POLICY AND THE LAW (20 CPs. Sem. II. Bu.) L3PPL**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3RAS: REMEDIES AND SANCTIONS (20 CPs. Sem. I. Bu.) L3RAS**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3RPS: LEGAL RIGHTS, POVERTY AND LEGAL SERVICES (20 CPs. Sem. II. Bu.) L3RPS**

See entry under second year subjects for full description of this subject.

**LEGAL STUDIES 3SRM: INTRODUCTION TO SOCIO-LEGAL RESEARCH METHODS (20 CPs. Sem. I. Bu.) L3SRM**

See entry under second year subjects for full description of this subject.

**School of Tourism and Hospitality**

**Inquiries:** (03) 9479 3095

The School offers a broad curriculum in hospitality, business and tourism. Subjects are offered in conjunction with TAFE colleges that lead concurrently to the Diploma in Hospitality Management or Tourism. Some subjects are taught in conjunction with other disciplines of the University.

The courses offered have been designed to produce future leaders and managers for the tourism and hospitality industries. Students are provided with a range of skills giving them strong practical skills and theoretical knowledge covering all aspects of the tourism and hospitality industries and related businesses.

The School offers a diverse postgraduate program. Inquiries regarding the availability of postgraduate diploma, masters by research and PhD studies, should be directed to the School. Before enrolling or re-enrolling, students should consult any supplementary information issued by the School. The School has appointed members of the academic staff as academic advisers. They are available throughout the year to advise students on problems that may arise concerning their studies. Details of academic advisers may be obtained from the School or the Faculty Office. Courses offered by the School are described below.

**Honours**

Suitably qualified students may be invited to undertake an honours year, which will require an additional year of full-time study. The core subjects are taught as modules, making the class commitment only two days per week in the first semester. In second semester students attend the campus offering their chosen specialisation. An honours thesis of 12,000 words and 5 core subjects must be successfully completed.

**Tourism and Hospitality Courses**

**Albury/Wodonga** (for course description, refer to Albury/Wodonga chapter).

- Bachelor of Business (Hospitality and Management)
- Graduate Diploma in Tourism
- Honours Year of Postgraduate Diploma in Hospitality Management

**Bendigo** (for course description, refer to Bendigo chapter).

- Bachelor of Business (Tourism and Hospitality)

**Bundoora**

- Bachelor of Business (Tourism and Hospitality)
- Bachelor of Business (Tourism Management)
- Graduate Diploma in Tourism
- Honours Year or Postgraduate Diploma in Tourism Management

**Mt Buller**

- Bachelor of Business (Tourism and Hospitality) – First year only

**Shepparton** (for course description, refer to Shepparton chapter).

- Bachelor of Business (Tourism and Hospitality)
- Graduate Diploma in Tourism

**BACHELOR OF BUSINESS (TOURISM AND HOSPITALITY)**

**Admission Requirements**

Prerequisite requirements are a satisfactory completion of VCE or equivalent, including a study score of 20 in VCE units 3 and 4 English.

**Degree Requirements**

Students must complete a course of subjects accumulating a minimum of 360 credit points (24 subjects). All core subjects are worth 15 credit points each. The course is designed to be completed in three years of full-time study, although part-time study is possible.

**Course Structure**

TAFE subjects are offered in conjunction with the Northern Melbourne Institute of TAFE and the William Angliss Institute of TAFE. The course comprises 15 core subjects, a stream of three entrepreneurship subjects and an elective stream of three subjects and three free electives. Six elective streams – language, cultural tourism, nature-based tourism, wine tourism, event catering and entrepreneurship – are offered in third year.

In addition, students may also choose a one semester resort management stream in third year at the Mt Buller campus, or a rural tourism stream at the Shepparton Campus. Students may also transfer into the Bachelor of Business (Hospitality Management) at the Albury/Wodonga campus for the third year.

The hospitality and tourism courses seek to blend vocational training with a broad education for the industry's future leaders. The Bachelor of Business (Tourism and Hospitality) combines the skills needed for hospitality supervision with business management and an understanding of the dynamics of the tourism industry. Students can enter this degree keeping their career options open.

If their interests or vocation needs determine, they can leave the course at the end of their First year, with a fully recognised TAFE Certificate II in Hospitality and return later when their career demands higher qualifications. Similarly, they can exit at the end of their second year with a nationally recognised Diploma in Hospitality Management (Certificate V). Students are not locked into an all-or-nothing, three year program. This structure is detailed in the table below.

The following Course Structure applies to students enrolling for the first time in 2000. Students progressing to second and third year need to consult the school for details of their progression requirements. Unless noted, all subjects are worth 15 credit points.

#### First year

Sem.		Subject code
1	Accommodation Management Operations <sup>2</sup>	ACM01
1	Accounting for Management Decisions <sup>1</sup>	AFMD1
1	Food and Beverage Services 1A <sup>2</sup>	FBS1A
1	Management Communications <sup>1</sup>	MANC1
2	Accommodation Management Supervision <sup>2</sup>	ACMS1
2	Accounting and Management for Small Business <sup>1</sup>	AMSB1
2	Food and Beverage Services 1B <sup>2</sup>	FBS1B
2	Introduction to Tourism and Hospitality Studies <sup>1</sup>	ITHS1

#### Second year

Sem.		Subject code
1	Computer Reservation Systems: Information and Analysis <sup>1</sup>	CRS2
1	Economics for the Tourism Industry <sup>1</sup>	ETI2
1	Hospitality Operations Management <sup>2</sup>	HOM2
1	Tourism and Hospitality Marketing <sup>1</sup>	THM2
2	Human and Personnel Management <sup>1</sup>	HPM2
2	One elective	
2	Tourism and Hospitality Law <sup>1</sup>	THL2
2	Tourism Policy and Planning <sup>1</sup>	TPP2

#### Third year

Students are required to complete the entrepreneurship stream of three subjects, one of the available elective streams (of three or four subjects) and one or two free elective. The full range of options is set out below: Unless stated, all subjects are worth 15 credit points each.

#### Entrepreneurship Stream

##### Core subject

1/2	Tourism Enterprise Management <sup>1</sup>	TEM3
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##### Electives (minimum of two)

1	Tourism Project Appraisal <sup>1</sup>	TPA3
1/2	Entrepreneurship in the Tourism Industry <sup>1</sup>	EIT3
1/2	Tourism Venture Planning	TVP3
2	New Tourism Business Marketing <sup>1</sup>	NTBM3

#### Culture & Tourism Stream

##### Core subject

1	Culture & Tourism <sup>1</sup>	CT2
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##### Electives (minimum of two)

2	Cultural Interactions <sup>1</sup>	CI3
2	Heritage Display & Management <sup>1</sup>	HDM3
2	Industrial Tourism <sup>1</sup>	IDT3

#### Event Catering & Management Stream

##### Core subject

1	Event & Conference Management <sup>1</sup>	ECM3
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##### Electives (minimum of two)

1	Catering Services <sup>2</sup>	CS3
2	Food and Beverage: Health & Safety <sup>1</sup>	FBHS3
2	Hospitality Services Marketing and Delivery <sup>1</sup>	HSMD3

#### Nature-based Tourism Stream

##### Core subject

1	Tourism and the Environment <sup>1</sup>	TENV3
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##### Electives

2	Ecotourism Management <sup>1</sup>	EM3
2	Sustainable Tourism Management <sup>1</sup>	STM3

#### International Tourism (English Language)

##### Core subject

1	International Tourism <sup>1</sup>	INT3
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Plus four (equivalent) subjects taken at an international university in third year as approved by the Head of School as a complete semester program.

#### International Tourism (Foreign Languages)

Students must consult an adviser of studies from the school prior to enrolment in this specialisation stream.

Four approved language subjects taken in second and third year. This specialisation stream requires two second year tourism subjects to be transposed to third year to allow four language subjects to be studied sequentially over four semesters. In some circumstances, this specialisation can include a semester length study program at a host language international university. Students are strongly advised to include International Tourism 3 as an elective if they wish to pursue this option.

#### Resort Management

A block of four subjects (60 credit points) in Resort Management taught at the Mt Buller campus. This program will normally be available to third year students in second semester.

##### Core subjects

1	Ecotourism Management <sup>1</sup>	EM3
2	Facilities Planning and Design <sup>1</sup>	WFPD3
2	Resort Management <sup>1</sup>	RM3

##### Electives (minimum of one)

2	Management of Nature Based Tourism Operations <sup>3</sup>	BOE3MNT0
2	Outdoor Recreation <sup>3</sup>	BOE3OR

#### Wine tourism stream

##### Core subject

Sem.		Subject code
2	Wine Knowledge and Winery Operations <sup>1</sup>	WKWO3

##### Electives (minimum of two)

1	Hospitality Services Marketing and Delivery <sup>1</sup>	HSMD3
2	Food and Beverage: Health and Safety <sup>1</sup>	FBHS3
2	Sustainable Tourism Management <sup>1</sup>	STM3

**Key:** <sup>1</sup>Also available to students outside this course. <sup>2</sup>Taught in conjunction with TAFE. <sup>3</sup>Subject descriptions found in Bendigo campus handbook entry.

### BACHELOR OF BUSINESS (TOURISM MANAGEMENT)

#### Admission Requirements

Prerequisite requirements are a satisfactory completion of VCE or equivalent, including a study score of at least 20 in VCE units 3 and 4 English.

#### Degree Requirements

The course is designed to be completed in three years of full-time study, although part-time study is possible.

#### Course Structure

This course provides professional education in Tourism and Travel Management. It combines a Diploma in Tourism, offered by Northern Melbourne Institute of TAFE, with a La Trobe University Business degree.

The course comprises 24 subjects (four per semester), including travel operations and ticketing, accounting, tourism economics and marketing, and specialised electives in third year in areas such as entrepreneurship, culture and tourism, nature-based tourism and travel and resort management. The Diploma in Tourism includes an extensive practical component. Unless noted, all subjects are worth 15 credit points.

#### First year

Sem.		Subject code
1	Accounting for Management Decisions <sup>1</sup>	AFMD1
1	Management Communications <sup>1</sup>	MANC1
1	Tourism Market Operations <sup>2</sup>	TMO1
1	Tourism Reservations and Ticketing 1A <sup>2</sup>	TRT1A
2	Accounting & Management for Small Business <sup>1</sup>	AMSB1
2	Introduction to Tourism and Hospitality Studies <sup>1</sup>	ITHS1
2	Tourism Operations Coordination <sup>2</sup>	TOC1
2	Tourism Reservations and Ticketing 1B <sup>2</sup>	TRT1B

#### Second year

1	Introductory Business Statistics <sup>1</sup>	IBS1
1	Economics for the Tourism Industry <sup>1</sup>	ETI2
1	Tourism and Hospitality Marketing <sup>1</sup>	THM2

1	Free elective (any eligible university subject)	
2	Tourism Projects & Promotion <sup>2</sup>	
2	Human and Personnel Management 2 <sup>1</sup>	HPM2
2	Tourism and Hospitality Law 2 <sup>1</sup>	THL2
2	Tourism Policy & Planning 2 <sup>1</sup>	TPP2

### Third year

Students are required to complete the entrepreneurship stream of three subjects, one of the available elective streams (of three or four subjects) and one or two free electives. The full range of options is set out below: Unless noted, all subjects are worth 15 credit points.

### Entrepreneurship Stream

Core subject

Sem.		Subject code
1/2	Tourism Enterprise Management <sup>1</sup>	TEM3

### Electives (minimum of two)

1	Tourism Project Appraisal <sup>1</sup>	TPA3
1/2	Entrepreneurship in the Tourism Industry <sup>1</sup>	EIT3
1/2	Tourism Venture Planning	TVP3
2	New Tourism Business Marketing <sup>1</sup>	NTBM3

### Culture & Tourism Stream

Core subject

1	Culture & Tourism <sup>1</sup>	CT2
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### Electives (minimum of two)

2	Cultural Interactions <sup>1</sup>	CI3
2	Heritage Display & Management <sup>1</sup>	HDM3
2	Industrial Tourism <sup>1</sup>	IDT3

### Nature-based Tourism Stream

Core subject

1	Tourism and the Environment <sup>1</sup>	TENV3
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### Electives (minimum of two)

2	Ecotourism Management <sup>1</sup>	EM3
2	Sustainable Tourism Management <sup>1</sup>	STM3

### International Travel Stream

Core subject

1	International Tourism <sup>1</sup>	INT3
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### Electives (minimum of two)

1	Culture and Tourism <sup>1</sup>	CT2
1	Tourism and the Environment <sup>1</sup>	TENV3
1/2	Ticketing & Conference Organisation <sup>2,3</sup>	

### International Tourism (English Language)

Core subject

1	International Tourism <sup>1</sup>	INT3
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Plus four (equivalent) subjects taken at an international university in third year as approved by the Head of School as a complete semester program.

**Key:** <sup>1</sup>Also available to students outside this course. <sup>2</sup>Taught in conjunction with TAFE. <sup>3</sup>Necessary for accreditation with the Australian Federation of Travel Agents. <sup>4</sup>Subject descriptions in found in Bendigo campus handbook entry.

### International Tourism (Foreign Languages)

Students must consult an adviser of studies of the school prior to enrolment in this specialisation stream.

Four approved language subjects taken in second and third year. This specialisation stream requires two second year tourism subjects to be transposed to third year to allow four language subjects to be studied sequentially over four semesters. In some circumstances, this specialisation can include a semester length study program at a host language international university. Students are strongly advised to include International Tourism 3 as an elective if they wish to pursue this option.

### Resort Management

A block of four subjects (60 credit points) in Resort Management taught at the Mt Buller campus. This program will normally be available to third year students in second semester.

### Special Elective - single subject

Tourism students with an appropriate interest in wine tourism will be encouraged to take Wine Knowledge and Winery Operations as a single elective subject.

### Fourth year

An Honours program will be available in 2001. Details will be announced at a later date.

## BACHELOR OF BUSINESS (TOURISM AND HOSPITALITY) - MOUNT BULLER

Students can complete the First year of the Bachelor of Business (Tourism and Hospitality) on the Mt Buller campus. The semesters at Mt Buller are designed to take advantage of the ski season and are scheduled as follows; semester one, from late February to mid-June and semester two, from late September to early December. Students undertake five subjects in semester one and three in semester two. All subjects have a 15 credit point value.

### First year

Sem.		Subject code
1	Accommodation Management Operations	ACMO1
1	Accommodation Management Supervision 1	ACMS1
1	Accounting for Management Decisions	AFMD1
1	Food and Beverage Services 1A	FBS1A
1	Food and Beverage Services 1B	FBS1B
2	Accounting and Management for Small Business	AMSB1
2	Introduction to Tourism and Hospitality Studies 1	ITHS1
2	Management Communications 1	MANC1

### GRADUATE DIPLOMA IN TOURISM

The School of Tourism and Hospitality offers a Graduate Diploma in Tourism for students who hold a degree in a discipline other than Tourism and who are seeking to gain some specialised understanding of the industry. This course is available on a full or part-time basis and can be taken at either the Bundoora, Albury/Wodonga, or Shepparton campus.

### Admission Requirements

A degree from a recognised university.

### Course Structure

The Graduate Diploma in Tourism is offered as a program of eight subjects (120 credit points). All subjects are worth 15 credit points.

Sem.		Subject code
1	Economics for the Tourism Industry <sup>1</sup>	ETI2
1	Introduction to Tourism and Hospitality	ITH1
1	Tourism and Hospitality Marketing	THM2
1	Tourism Specialisation Elective <sup>2</sup>	
2	Human and Personnel Management <sup>3</sup>	HPM2
2	Tourism Enterprise Management	TEM3
2	Tourism Specialisation Elective	
2	Tourism Specialisation Elective	

**Key:** <sup>1</sup>Replace with Tourism Policy and Planning 2 if already completed equivalent to Macroeconomics and Microeconomics.

<sup>2</sup>Replace with Advanced English Language 2 if your degree was not delivered in English. <sup>3</sup>Or Computer Reservations 2.

### HONOURS YEAR OR POSTGRADUATE DIPLOMA IN TOURISM MANAGEMENT

The Honours Year or Postgraduate Diploma in Tourism Management provides students with an opportunity to pursue their studies in the tourism management area.

The program is available to high quality graduates in the areas of business, tourism and tourism management from other institutions. It provides a course that enriches and complements the original degree and industry work experience, providing students with a fast-track management career path. It also provides the appropriate preparation for graduate research degrees in the future.

Each subject is offered in modular or block form to best suit the needs of the class.

### Admission Requirements

Candidates for the honours year or postgraduate diploma must have graduated with specialisation in Business/Tourism with a final grade average of B+ and a good record in other years. Graduates with exceptional industry experience will also be considered.

### Course Structure

To complete the program for the diploma a candidate must submit a satisfactory thesis of approximately 15,000 words.

Sem.		Subject code
1	Contemp. Issues in Tourism & Hospitality	CITH4
1	Facilities Management	FM4
1	Regional Tourism Management	RTM4
1	Research Methods in Tourism and Hospitality	RMTH4
1	Readings in Tourism and Hospitality	RTH4

### Subject descriptions

Subjects offered by the School are described below. They are presented in alphabetical order of their subject name within year

level. More detailed descriptions will be available from the School at the commencement of each semester. Subjects delivered at TAFE are not available to students enrolled in other courses. Subject details, including content and assessment may be varied before the commencement of teaching. Timely and appropriate advice will be given to students concerning any variations. All pass-degree subjects offered by the School have a value of 15 credit points. Completion of a subject requires attendance at all classes and satisfactory performance in tutorials, exercises and all assessment. Students may be refused admission to the final examination in a subject if they have not complied with the requirements of that subject.

### First year

#### **ACCOMMODATION MANAGEMENT (15 CPs, Sem. II. Aw) WAM1 Ms Eleanore Fitz**

This subject aims to provide students with the knowledge, skills and techniques related to the management and maintenance of accommodation services applicable to all types and sizes of hospitality operations in both the public and private sector. The subject includes skills in methods of optimising the economic viability of accommodation facilities, and in identifying and planning for current and future trends which influence the provision of accommodation facilities. Students are given the opportunity to acquire a knowledge of building structures and materials, purchasing, control and maintenance of resources, hotel information systems, and to become adept at operating computerised accommodation management systems.

*Prerequisite:* Enterprise Management 1

*Class requirements:* two 1-hour lectures and one 2-hour tutorial per week.  
*Assessment:* project reports (50%) and one 3-hour examination (50%).

#### **Preliminary reading:**

Hatfield, D. and Winter, C. *Professional housekeeping*, Stanley Thorne 1986.

Braham, B. *Hotel front office*, Stanley Thorne 1985

#### **Prescribed reading:**

Baker, S., Bradley, P. and Huyton, J. *Principles of hotel front office operations*, Hospitality Press 1996.

#### **ACCOMMODATION MANAGEMENT (15 CPs, Bc.) AM1 Ms Eleanore Fitz** *This subject is taught in intensive block study mode in AVCC common week and the LTU week between semesters 1 & 2.*

Accommodation Management is a core subject that is focused on the theoretical and practical applications of lodging operations and management. Study in the subject is by intensive block delivery for the lecture and laboratory programs which are undertaken at the Beechworth campus. The assessable practical component is undertaken in the University hotel and regional industry properties during the follow on semester.

*Prerequisite:* WEM1.

*Class requirements:* Lectures and computer laboratory will be delivered in multi hour units of time, during the traditional mid year semester AVCC common week and the LTU supporting week. The industry specific practical program hours will be arranged and completed during the follow on semester.

*Assessment:* one 2 hour examination (40%), one 2 hour computer laboratory test (20%), one 2000 word assignment (20%), industry practicum employer appraisal (10%) and student report (1500 words) (10%).

#### **Prescribed reading:**

Backers, S., Bramley, P. and Huyton, J. *Principles of Front office Operations*, Hospitality Press 1994.

#### **Recommended reading:**

Bennet, D. *Running a Country Motel*, Hospitality Press 1997.

#### **ACCOMMODATION MANAGEMENT OPERATIONS (15 CPs, Sem. I or II. Ta.) ACM01**

*Only available to Bachelor of Business (Tourism and Hospitality) students.*

This subject provides students with a basic introduction to hotel and accommodation management, including practical skills and an understanding of reception procedures and administration for different types of accommodation operations. Students are introduced to front office and concierge services and to basic clerical and auditing procedures required to deliver accommodation services. There is a strong emphasis on acquiring practical skills through exposure to real operating environments.

*Campus of offer:* Australian Alpine Institute (Mt. Buller), Northern TAFE (Preston), William Angliss TAFE (Melbourne).

*Class requirements:* eight hours classroom and practical sessions per week.

*Assessment:* practical work - competence by task assessment (75%) and 1.5-hour exam or equivalent (25%).

#### **ACCOMMODATION MANAGEMENT SUPERVISION (15 CPs, Sem. I or II. Ta.) ACMS1**

*Only available to Bachelor of Business (Tourism and Hospitality) students.*

This is a continuation of ACM01 and expands on the student's understanding of hotel and accommodation management with an emphasis on front office and housekeeping administration. Other topics include guest relations, reception computer operations and practical training in room service and cleaning. A compulsory first-aid training course is included.

*Campus of offer:* Australian Alpine Institute (Mt. Buller), Northern TAFE (Preston), William Angliss TAFE (Melbourne).

*Prerequisite:* ACM01.

*Class requirements:* eight hours classroom and practical sessions per week.

*Assessment:* practical work - competence by task assessment (75%) and 1.5-hour examination or equivalent (25%).

#### **ACCOUNTING AND MANAGEMENT FOR SMALL BUSINESS (15 CPs, Sem. I or II. Bu., Mb.) AMSB1 Mr Leo Langa**

*Refer to School of Business subject descriptions.*

#### **ACCOUNTING FOR MANAGEMENT DECISIONS (15 CPs, Sem. I or II.) AFMD1 Mr Leo Langa**

*Refer to School of Business subject descriptions.*

*Refer to School of Business subject descriptions.*

#### **FOOD AND BEVERAGE OPERATIONS 1A (15 CPs, Sem. I. Aw)**

**WFAB01A Mr Brian Millar**

You will be introduced to the planning, preparation and service of food and beverages. Students have the opportunity to acquire an understanding of the nature of commodities used in the preparation and service of food and beverages, and the constraints these materials impose on menu planning and operational activities.

Concepts of hygiene, menu planning, quality control, selection and purchasing of commodities, and nutritional qualities of food are addressed. Students have the opportunity to gain an acceptable level of competence in production and service techniques, and to develop the ability to operate standard catering activities efficiently and effectively.

*Class requirements:* two 1-hour lecture or seminar and one 3-hour practical per week.

*Assessment:* project reports (20%), practical tests (20%), and one 3-hour examination (60%).

#### **Preliminary reading:**

Kotschever, L. H. *Standards, principles and techniques in quantity food production*, 4th edn, Van Nostrand Reinhold 1988.

#### **Prescribed reading:**

Cullan, P. *The Food and Beverage Manager*, Hospitality Press 1997.

Atherton, C. and A. 1998, *Tourism and Hospitality Law*, Law Book Company, Sydney.

Dodson, E. *Cooking for the hospitality industry* 4th edn, Edward Arnold 1993.

#### **FOOD AND BEVERAGE OPERATIONS 1 A (15 CPs, Sem. I. Bc.)**

**FAB01A Mr Brian Millar**

*See subject description for Food and Beverage Operations 1A:*

**WFAB01A. above.**

*Co-requisite:* FAB1B.

*Class requirements:* This subject is to be delivered in an intensive block format with 25 hours of lectures and 26 hours of practicum over an eight day period at the Beechworth campus.

*Assessment:* 3-hour examination (50%), 2,000 word assignment (20%), and Practical Program (30%).

#### **Prescribed reading:**

Cullen, P. *The Food and Beverage Manager*, Hospitality Press 1997.

Food Hygiene, Regency College Hotel School, Student Handbook.

Dodgshun, G. and Peters, M. *Cooking for the Hospitality Industry*, 4th EDT., Rydalmere, NSW, Hodder Education 1999

#### **Recommended reading:**

Kivela, J. *Purchasing for the Hospitality Industry*, Vic Edward Arnold, Caulfield East, 1989.

Iverson, K. *Introduction to Hospitality Management*, Van Nostrand Reinhold, New York 1989.

*Business of Hotel & Restaurant Management*, Wise, Hospitality Press 1991.

#### **FOOD AND BEVERAGE OPERATIONS 1B (15 CPs, Sem. II. Aw)**

**WFAB01B Mr Brian Millar**

The aim of this subject is to introduce students to the management of food and beverage services, including principles of purchasing.

storing and processing, and contemporary culinary arts. Students examine the emergence of ethnic cuisine and its implications for the hospitality industry. Factors underlying trends and eating patterns are identified, and the social, economic and cultural aspects of food and beverages are examined. Students have the opportunity to gain an understanding of the importance of cost controls and purchasing strategies, elements of bar and cellar management and the importance of quality control throughout the operation.

**Prerequisite:** Food and Beverage Operations 1A: FAB1A.

**Class requirements:** two 1-hour lectures or seminars and one 3-hour practical per week.

**Assessment:** project reports (20%), practical tests (30%), and one 3-hour examination (50%).

**Preliminary reading:**

Fuller, J. *Advanced food services*, Stanley Thornes 1991.

Fuller J. *Advanced drink service*, Stanley Thornes 1991.

**Prescribed reading:**

Brown, G. and Hepner, K. *The waiter's handbook*, Hospitality Press.

Ellis, G. *The Australian bar attendant's handbook*, Hospitality Press.

Davis, B. and Stone, S. *Food and Beverage Management*, Butterworth Heinemann, 1991.

Iland, P. and Gago, P. *Australian Wine from the vine to the glass*, Iland 1997.

**FOOD AND BEVERAGE OPERATIONS 1 B (15 CPs. Sem. I. Bc.)**

**FAB01B Mr Brian Millar**

See subject description for Food and Beverage Operations 1B: WFAB01B above.

**Co-requisite:** Food and Beverage Operations 1A: FAB1A.

**Class requirements:** This subject is to be delivered in an intensive block format with 25 hours of lectures and 26 hours of practicum over an 8 day period at the Beechworth campus.

**Assessment:** one 3-hour examination (50%), one 2,000 word assignment (20%), and the practical program (30%).

**Prescribed reading:**

Davis, B. and Stone, S. *Food & Beverage Management*, Butterworth Hienemann, 1993.

Iland, P. and Gago, P. *Australian Wine-from the Vine to the Glass*, Patrick Iland Wine Promotions. S.A 1997.

Brown, G. and Hepner, K. *The Waiter's Handbook*, Hospitality Press Melbourne 1993.

Ellis, G. *The Australian Bar Attendants' Handbook*, 2nd edn, Hospitality Press Melbourne 1997.

**Recommended reading:**

Iverson, K., *Introduction to Hospitality Management*.

*The Business of Hotel and Restaurant Management*, 1991 Hospitality Press.

**FOOD AND BEVERAGE SERVICES 1A (15 CPs. Sem. I or II. Ta.) FBS1A**  
Only available to Bachelor of Business (Tourism and Hospitality) students.

This subject introduces students to all areas of restaurant and 'front-of-house' operations, ensuring that students have the knowledge and skills needed to identify and provide high quality cuisine and service to clients. The subject also introduces the student to relevant management, legal and industrial issues, customer relations, occupational hygiene and safety and security. Students are required to gain a reasonable competence in food service techniques, along with the ability to operate standard catering services. Particular emphasis is placed on quality control measures.

**Campus of offer:** Australian Alpine Institute (Mt.Buller), Northern TAFE (Preston), William Angliss TAFE (Melbourne).

**Class requirements:** 12 hours of practical classes per week.

**Assessment:** practical work - competence by task assessment (75%) and a 1.5-hour examination (25%).

**FOOD AND BEVERAGE SERVICES 1B (15 CPs. Sem. I or II. Ta.) FBS1B**

Only available to Bachelor of Business (Tourism and Hospitality) students.

This is a continuation of FBS1A and further explores kitchen and 'back-of-house' operations and topics such as management, legal issues, industrial and customer relations, occupational hygiene and occupational safety, quality control, and security. Students are given further opportunities to gain competence in food production and service techniques and the ability to operate catering services. The subject includes substantial practical work in an operational environment.

**Campus of offer:** Australian Alpine Institute (Mt.Buller), Northern TAFE (Preston), William Angliss TAFE (Melbourne).

**Prerequisite:** FBS1A.

**Class requirements:** eight hours of practical classes per week.

**Assessment:** practical work - competence by task assessment (75%), and 1.5-hour examination (25%).

**INTRODUCTION TO TOURISM AND HOSPITALITY STUDIES (15 CPs. Sem. I or II. Bu., Mb.) ITHS1 Dr Ewen Michael and Ms Elspeth Frew**  
This subject provides students with a comprehensive overview of the tourism and hospitality industry in Australia. Initially it creates an awareness of the breadth of the industry and of the interests and activities it encompasses. Students examine various components of the industry, with a particular focus on the nature of its organisation and the sort of data and information it generates. Contemporary issues and guest speakers form part of a flexible curricula that seeks to provide a base from which the student can make informed choices for later studies in the course.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial presentations (15%), tourism journal (10%), 1,000-word research report (15%), one 1,000-word essay (15%) and a 2-hour examination (45%).

**MANAGEMENT COMMUNICATIONS (15 CPs. Sem. I or II. Bu., Mb.) MANC1 Dr Malcolm Lovegrove**

On completion of this subject students should be able to: understand the principles of effective communication both written and oral and to apply those principles in a range of contexts; reflect on their own communication skills and the underlying values which shape those; understand the importance of sensitivity and awareness in intercultural communication; demonstrate a capacity to make a professional presentation; demonstrate the ability to make public statements, to deal with conflict, to conduct interviews; demonstrate the ability to write fluently and in a style appropriate to the purpose of the writing and the intended audience and understand and demonstrate the ability to work in teams.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial exercises (10%), survey and report (15%), essay (15%), group presentation (20%) and examination (40%).

**Prescribed reading:**

Dwyer, J. *Communication in Business: Strategies and Skills*, Prentice-Hall, 1999.

**TOURISM MARKET OPERATIONS (15 CPs. Sem. I. Ta.) TMO1**

Only available to Bachelor of Business (Tourism Management) students.

This subject introduces students to the retail structure and processes of the tourism business. As such, the subject provides the foundation skills and knowledge base for later studies in tourism and travel. It includes information on sales procedures public and community relations, promotion and retail administration, including practical methods for evaluating on-going activities. It also covers business management responsibilities, such as occupational health and safety and includes an Advanced St. John's Certificate in First Aid as part of the curriculum.

**Campus of offer:** Northern TAFE (Preston).

**Class requirements:** eight hours of classroom instruction per week.

**Assessment:** one 1.5 hour examination (40%), two 1,000-word work assignments (20% each) and in-class exercises (20%).

**TOURISM OPERATIONS COORDINATION (15 CPs. Sem. II. Ta.) TOC1**

Only available to Bachelor of Business (Tourism Management) students.

Students are introduced to operations management theory and apply it to the functioning of tourism businesses. It includes sections on multi-client relationships, including the operation of committees, department coordination, setting up for tourism functions, customer flow, layout, site and location preparation and scheduling. Other topics include staff training, with a special component of study concerning safety and security.

**Campus of offer:** Northern TAFE (Preston).

**Class requirements:** eight hours of classroom instruction per week.

**Assessment:** 1.5 hour examination (40%), two 1,000-word assignments (20% each) and in-class exercises (20%).

**TOURISM RESERVATIONS AND TICKETING 1A (15 CPs. Sem. I. Ta.) TRT1A**

Only available to Bachelor of Business (Tourism Management) students.

This subject provides students with an introduction to the travel industry and the basic skills in travel documentation procedures, reservations and ticketing. The subject makes students aware of the range of destinations and activities covered by the travel industry, domestically and internationally and the procedures and documentation necessary for safe travel activity. Other topics include the principles of reservation systems, manual procedures for the Australian domestic market and the development of travel itineraries.

**Campus of offer:** Northern TAFE (Preston).

**Class requirements:** eight hours of classroom instruction per week.

**Assessment:** one 1.5 hour examination (40%), two 1,000-word assignments (20% each) and in-class exercises (20%).

### **TOURISM RESERVATIONS AND TICKETING 1B (15 CPs, Sem. II, Ta.) TRT1B**

Only available to Bachelor of Business (Tourism Management) students. This subject completes the introductory training in reservation and ticketing procedures for the travel industry using contemporary automated processes. It also introduces students to the organisation of conventions, conferences and special events and to the management of visitor arrival, reception, registration and departure. The subject is designed to deliver both vocational skills in operating and managing global reservation and ticketing systems, along with a conceptual understanding of how the process works to maintain the information needed by travellers, travel operators and destination managers. Campus of offer: Northern TAFE (Preston).

**Prerequisite:** TRT1A.

**Class requirements:** eight hours of classroom instruction per week.

**Assessment:** 1.5 hour examination (40%), two 1,000-word assignments (20% each) and in class exercises (20%).

### **Second year subjects**

#### **BANQUET AND CONVENTION CATERING MANAGEMENT (15 CPs, Sem. II, Aw) WBCM2 Mr Brian Millar**

The subject introduces the students to the study of the business of Banquet and Convention Service Management in the hospitality industry of the 1990's to the next decade. It will aim to further enhance the knowledge and skills developed and studied by students in Food Services Management. The definition of the specific market, the relationship of the sales divisions and market teams of a specific range of properties will be evaluated with a focus on future and return business. The complexities of operative and supervisory job characteristics will be determined to enable more effective human resource recruitment and maintenance. The reservation processes of inquiry, selling (using a range of sales tools) confirmation, and finalisation will be examined and applied with the use of the Fidelio Software. The processes of evaluation and guest satisfaction will be studied.

**Class requirements:** two 1-hour lectures and one 2-hour tutorial per week, 15 hours of convention operational experience and an excursion to a large convention operation in Melbourne.

**Assessment:** one 1,500 word analysis report and operation expectation (20%), one 2,000 word assignment (30%) and one 3-hour examination (50%).

#### **Preliminary reading:**

Thompson, K. and Abbott, V. *Hospitality people matter*, Knowles & Associates Ltd., Wellington NZ 1990.

#### **Prescribed reading:**

Davis, B. and Stone, S. *Food & beverage management*, 2nd edn, Butterworth-Heinemann Ltd, 1991.

Astroff, M. T. and Abbey, J. R. *Convention sales & services*, 3rd edn, Waterbury Press, Cranbury NJ, 1991.

#### **CLUB MANAGEMENT (15 CPs, Sem. II, Aw) WCM2 Mr Brian Millar**

This subject is designed to introduce students to the specialist management knowledge required by the club industry in all Australian states and territories, to meet the legislative and statutory requirements. Of particular importance is an understanding of the control and analysis of the Gaming Operations. The positioning of the Albury/Wodonga campus on the Murray corridor allows for the inclusion of a detailed analysis of the Registered Club Act 1978 (and the amendments of 1986), and the influence of the Liquor Administration Board of New South Wales, the Victorian Gaming Machine Control Act 1991, the Casino Control Act 1991 and the Liquor Control Act 1987 and their relevant commissions.

**Prerequisite:** Financial Accounting 1 and Management Accounting 1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial.

**Assessment:** one 3-hour exam (50%), one 1,500 word essay (20%) and one 3,000 word report (30%).

#### **Preliminary reading:**

*Directors Guide to Registered Clubs*, Association Registered Clubs Association, Sydney.

#### **Prescribed reading:**

*Constitution and Articles of Association*, Commercial Club Albury NSW, and the RACV Melbourne, Vic.

#### **COMPUTER RESERVATION SYSTEMS: INFORMATION AND ANALYSIS (15 CPs, Sem. I, Bu.) CRS2 Ms Selina Lim**

In this subject, students develop the essential skills in sales, information management and demand forecasting using modern computer

reservation systems. Students examine how to develop internet sales, customer profiles, yield management techniques and statistical techniques relating to forecasting. The subject is based on the requirements of the other Tourism and Hospitality subjects in the core program of the BBus (T&H) and it will be taught within this context. **Incompatible subject:** MIS1, BAES1.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week and six 1-hour computer laboratory sessions per semester.

**Assessment:** one 2-hour examination (50%), two computer assignments (30%) and in-class tests and tutorial work (20%).

#### **Prescribed reading:**

Poon, A. *Tourism, Technology and Competitive Strategies*, CAB International 1993.

#### **CULTURE AND TOURISM (15 CPs, Sem. I, Bu.) CT2 Mr Gary Best**

You will consider tourism as a journey through a cultural landscape and explore the ways in which tourism interacts with Australian culture, history, heritage and perceptions of national identity. After a general introduction to cultural tourism, students study the tourism landscape of Australia through an examination of the major historical eras. The impacts of each era in terms of cultural memory, cultural resources and tourism product will be explored and supported by case studies and site visits. The subject's theoretical framework is multi-disciplinary and, through the assessment, students gain experience in researching and documenting cultural tourism sites.

**Class requirements:** one 2-hour lecture, one 1-hour tutorial per week and potentially two site visits.

**Assessment:** one 2-hour examination (45%), one 2500-word assignment (30%), class presentation (10%) and a tutorial paper (15%).

#### **ECONOMICS FOR THE TOURISM INDUSTRY (15 CPs, Sem. I or II, Bu.) ETI2 Dr Ewen Michael**

This subject provides students with an understanding of basic economic concepts and methods necessary for analysing issues specific to the wider tourism industry. The subject introduces key elements of macro and microeconomic theory for such concepts as demand and supply, consumer behaviour, market structures, costs and profits, aggregate analysis and the role of economic policy, particularly as it effect the tourism industry. General macroeconomic concepts (such as the aggregate level of tourism demand, tourism exports, income and employment generation, multiplier effects) within which the tourism sector operates are also covered. This introductory subject integrates various branches of economic theory with the relevant analytical tools to study the economic organisation of the industry.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial assignments (20%), 1-hour mid-semester test (20%) and 2-hour final examination (60%).

#### **Prescribed reading:**

Waud R. N., Maxwell P., Hocking A., Bonnici, J. and Ward I. *Economics*, 3rd Australian edn, Longmans, Melbourne, 1996.

#### **FOOD SERVICES MANAGEMENT (15 CPs, Sem. I or II, Aw) WFSM2 Mr Brian Millar**

The aim of this subject is to introduce students to the principles of management of food service operations in the food service industry. The subject is intended to build upon the knowledge gained in Food and Beverage Operations 1A and 1B. Students, under supervision, are given the opportunity to participate in the operation of a restaurant complex which involves planning, execution, management and evaluation. The subject is intended to extend the skills of the student in the principles and techniques of food production and service, menu planning, information gathering, interpersonal teamwork, group problem solving.

**Prerequisite:** Food and Beverage Operations 1A and 1B.

**Class requirements:** one 1-hour seminar and one 5-hour practical per week.

**Assessment:** operational contribution (20%), operational case study (50%) and one 2-hour examination (30%).

#### **Preliminary reading:**

Fuller, J. *Essential table service*, Stanley Thornes 1986.

Fuller, J. *Modern restaurant service*, Stanley Thornes 1983.

#### **Prescribed reading:**

Thompson, K. and Abbott, V. *Hospitality People Matter*, Knowles 1990.

#### **GLOBAL ENVIRONMENT OF TOURISM (15 CPs, Sem. II, Aw)**

##### **WGEOT2 Ms Megan Ritchie**

A working knowledge of the geography of the world, as it relates to tourism, will be developed by briefly considering the cultural, physical and tourism characteristics of various regions and countries.



The main aim, however, is to comprehensively analyse the geographical dimensions of tourism in order to understand the importance of this growing industry and to show how a geographical perspective can contribute to the planning, development and management of a tourism area. World travel patterns, including the origin, characteristics, numbers and seasonality of travel to particular regions will be studied as will the inter-relationships between geography and tourism to provide a comprehensive understanding of the character of major tourism regions of the world.

**Prerequisite:** Principles of Tourism 2.

**Class requirements:** two 2-hour seminars.

**Assessment:** test (20%), one 2,500-word assignment (20%), and one 3-hour examination (60%).

**Prescribed reading:**

Pearce, D. *Tourism today - a geographical analysis*, Longman Scientific & Technical 1990.

**HOSPITALITY OPERATIONS MANAGEMENT (15 CPs. Sem. I or II. Ta.) HOM2**

Only available to Bachelor of Business (Tourism and Hospitality) students.

This subject builds on the breadth of a student's operational and management skills developed in the First year program. The subject gives students an understanding of practical organisational management applied to the specialist areas of Hospitality and Tourism. Topics include staff organisation, communication and leadership, industrial relations and the management of budgets and specific applications in management computing. This subject also acts as the conveyor for a structured work experience program of 200 hours, necessary for students who wish to take out the Diploma in Hospitality (Supervision).

**Campus of offer:** Northern Melbourne Institute of TAFE (Preston), William Angliss TAFE (Melbourne).

**Prerequisite:** FBS1A, FBS1B, ACMO1 and ACMS1.

**Class requirements:** two 1-hour lectures and four 1-hour tutorials per week, plus 200 hours structured work experience for award of Diploma of Hospitality Management.

**Assessment:** one 2-hour examination (40%), one 1,500-word assignment (30%) and satisfactory completion of work experience (30%).

**HUMAN AND PERSONNEL MANAGEMENT (15 CPs. Sem. II. Bu.) HPM2**

The operational and strategic issues of managing staff in the workplace are explored, along with the challenges facing human resource practitioners in contemporary Australian organisations. The subject also seeks to develop an understanding of the human resource management practices in our continually changing social, economic, industrial relations and organisational environments. Topics include award restructuring, enterprise bargaining, union amalgamation, equal employment opportunity, affirmative action, occupational health and safety, recruitment and selection, training and development and employee performance management.

**Prerequisite:** at least one of IMA1, IMI1 or ETI2.

**Incompatible subject:** HRM2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial or seminar per week.

**Assessment:** class paper based on tutorial work (20%), 1-hour mid-semester test (20%) and 2-hour final examination (60%).

**Prescribed reading:**

Anthony, W., Perrewe, P. and Kacmar, K. *Strategic human resource management*, 2nd edn, Dryden Press 1996.

**INTRODUCTORY BUSINESS STATISTICS (15 CPs. Sem. I. Bu.) IBS1**

Students are introduced to statistical techniques as an aid to effective decision-making in the business environment, with a special weighting on the tourism industry. It has been specifically designed for business degrees, with an emphasis on practical applications of statistical techniques in business and the ability to express findings in non-technical language. Topics covered include descriptive statistics, probability concepts and distributions, sampling theory and statistical inference, linear regression and correlation, and statistical process control. Computer packages, including a spreadsheet package and a statistics package, will be broadly used for analysis.

**Incompatible subject:** CRS2, BAES1.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 1-hour computer workshop per week.

**Assessment:** 1,200-word major assignment (20%), 750-word minor assignment (10%), tutorial participation (10%) and 3-hour examination (60%).

**PRINCIPLES OF TOURISM (15 CPs. Sem. I. Aw) WPOT2 Ms Megan Ritchie**

The subject explores major concepts in tourism, what makes tourism possible, the impacts of tourism development, and how tourism can become an important factor in the wealth of nation.

The aims of the subject are to review the historical development of tourism and the structure of the industry and its environment, to develop an understanding of the role tourism plays in modern society, and to evaluate the growth, development, and emerging trends of tourism in Australia.

The subject provides knowledge of the participants in the tourism industry and examines their roles and inter-relationships. It provides an understanding of the principles of planning, promoting, and structuring of the tourism industry within Australia.

**Co-requisite:** Marketing Principles and Practice 2.

**Class requirements:** two 2-hour seminars.

**Assessment:** two 2,500-word assignments (40%), class participation (10%), and one 3-hour examination (50%).

**Prescribed reading:**

Dickman, S. *Tourism: an introductory text*, Edward Arnold 1992

**SPECIAL EVENTS, CONFERENCES AND MEETINGS (15 CPs. Sem. I. Aw) WSECM2 Ms Megan Ritchie**

Students are introduced to the dynamic conference, meeting and special event (CME) industry. It examines the role of CME within the Australian tourism and hospitality industries. Students will examine and gain first hand experience in the organisation, planning, marketing, facility design and management of conferences, meetings and special events. The role of the professional conference organiser (PCO) and the impact of hallmark events in Australia will be of particular importance.

**Prerequisite:** Marketing Principles and Practice 2.

**Class requirements:** two 1-hour lectures per week, one 1-hour tutorial per week, and one 1-hour attendance at a specific event organising committee meeting.

**Assessment:** tutorial participation (10%), one 2,500 to 3,000-word case study (20%), one 1,500 to 2,000-word research assignment (20%) and one 3-hour examination (50%).

**TOURISM AND HOSPITALITY LAW (15 CPs. Sem. II. Bu.) THL2 Ms Michelle Harper**

You will be introduced to the legal process and the institutions of Australia's legal system. The course emphasises those aspects of law most relevant to small business in the Tourism and Hospitality industries, particularly the law of contracts and the role of local government regulations. Other topics include licensing requirements, liquor control, innkeepers legislation, club management and employment responsibilities. Other issues for consideration include the principles of insurance, the application of consumer and criminal law to the industry and the responsibilities of agents.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** two tutorial assignments (30%), one one-hour mid-semester test (20%) and one, two-hour final examination (50%).

**Prescribed reading:**

Latimer, P., *Australian business law*, CCH Australia Ltd 1997.

**TOURISM AND HOSPITALITY MARKETING (15 CPs. Sem. I. Bu.) THM2 Professor Geoffrey Crouch**

You will be introduced to the principles of marketing and their application to the unique characteristics of the tourism and hospitality industry. The subject will emphasise an understanding of tourism consumer behaviour, the role of the travel trade, the distinguishing features of the tourism-hospitality product, the pivotal role of the destination, and the importance of a strategic planning perspective to tourism marketing operations.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** mid-semester test (15%), 5,000 to 10,000-word project (30%), project presentation (10%), tutorial participation (10%) and 2-hour examination (35%).

**Prescribed reading:**

Kotler, Philip, Bowen, John and Makens, James (1999), *Marketing for Hospitality and Tourism*, 2nd edn, Prentice-Hall, Inc. Upper Saddle River, NJ.

**Recommended reading:**

Richardson, John I. (1996), *Marketing Australian Travel and Tourism: Principles and Practice*, Hospitality Press; Melbourne.

**TOURISM POLICY AND PLANNING (15 CPs. Sem. II. Bu.) TPP2 Dr Ewen Michael**

This subject is designed to introduce students to the development of policy within the tourism industry. It examines the interaction

between society, institutions and the economy and the development of public decisions impacting on the tourism industry. The subject builds upon ideas about the industry developed in other first year tourism subjects and considers them in terms of how existing economic, political and social theory can contribute to an explanation of the process of policy-making within this industry. The subject focuses on the structural mechanisms (the economy, the state and society) normally invoked in an analysis of the policy process and builds an explanatory model to help research. The subject takes up a number of contemporary issues in the policy debate, including the private use of public goods, government funding for the industry and environmental concerns. Students are expected to carry out an applied research project that examines the development of policy in a local tourist activity of their choice.

**Class requirements:** one 2-hour lecture and one 2-hour tutorial per week.  
**Assessment:** tutorial exercises and test (20%), 1,500-word research report (30%) and 2-hour examination (50%).

#### Recommended reading:

Hall, M., Jenkins, J. and Kearsley, G. *Tourism planning and policy in Australia and New Zealand*, Irwin 1996.

Michael, E. *Public policy and the tourism industry*, School of Tourism and Hospitality 1997.

### Third year subjects

#### CATERING SERVICES (15 CPs. Sem. I. Bu., Ta) CS3

Only available to Bachelor of Business (Tourism and Hospitality) students. Offered subject to sufficient enrolments.

Students will develop their practical and operational skills in catering from the base provided in first and second year courses to a high level of proficiency. Students will develop the knowledge and skills to provide for a wide range of large and small catering needs and for special events. Simultaneously, students will enhance their catering management skills, with particular emphasis on operations management and function organisation. The subject is recommended for students with on-going aspirations in the hospitality and food service industries.

**Campus of offer:** Northern TAFE (Preston) and Bundoora.

**Prerequisite:** HOM2.

**Co-requisite:** ECM3.

**Class requirements:** two 1-hour lectures and one 2-hour practical session per week.

**Assessment:** practical work field trip assessments (50%), one 2-hour test (40%) and one 1,500-word research assignment (10%).

#### CULTURAL INTERACTIONS (15 CPs. Sem. II. Bu.) C13 Ms Kate Armstrong

Students are provided with an insight into the host-community relationships in the tourism setting. It considers both the benefits and problems of cultural interactions arising from tourism. The subject explores such benefits as the revival of local customs and traditions, demand for local products, and the preservation and restoration of historic landscapes and structures. Problems can include the degradation of local cultures through commercialisation and bogus authenticity, enforced segregation and opposition to tourism initiatives. Finally, it explores mechanisms which may consolidate benefits and suggest possible solutions for problems. A range of Australian and international case studies support the theoretical framework.

**Prerequisite:** CT2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (30%), one 2500-word assignment (40%), tutorial presentation (10%) and one 1500-word book review (20 %).

#### DIRECTED READINGS ON TOURISM AND HOSPITALITY (15CPs.

Sem. I or II. Bu.) DRTH3 Professor Peter Murphy

In this subject, students will undertake a reading project in a specific topic of tourism or hospitality. This subject will be available as necessary at the discretion of the Head of School.

**Quota:** Require Head of School approval.

**Class requirements:** as directed by the Head of School: students will be required to discuss their reading project with a supervisor on a weekly basis.

**Assessment:** 5,000 word research assignment or equivalent as directed by Head of School.

#### ECOTOURISM (15 CPs, Sem. II, Aw.) WECOT3 Ms Megan Ritchie

Ecotourism is rapidly emerging as Australia's fastest growing segment in the special interest tourism market. Ecotourism will address precisely what the term ecotourism encompasses, what differentiates it from other forms of tourism, what are its main components, of what economic and environmental value it is to Australia, who the main industry providers are, and which methods of evaluation are most appropriate for assessing associated impacts.

The subject will examine basic methods for conducting environmental impact assessments. Current ecotourism businesses throughout Australia will be used as case study projects.

**Prerequisite:** Principles of Tourism 2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 1,000-word review (status of ecotourism) (10%), one 3,000-word report (20%), one 1-hour mid-semester examination (10%), tutorial participation (10%), and one 3-hour examination (50%).

#### ECOTOURISM MANAGEMENT (15 CPs. Sem. II. Bu.) EM3 Mr Ken Hopkins

Offered subject to sufficient enrolments.

Ecotourism is rapidly emerging as Australia's fastest growing segment in the special interest tourism market. The subject investigates the meanings of ecotourism, what differentiates it from other forms of tourism, its main commercial, social and environmental values, guide-lines for ecotourism management and long term commercial appraisal through associated impact studies. Sound business principles are utilised to encourage sophisticated strategic management practices appropriate for long term commercial success. The domestic and international ecotourism industry will be used for case study/research projects.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial participation (20%), 2,500-word research project (30%) and a 3-hour final examination (50%).

#### ENTREPRENEURSHIP IN THE TOURISM INDUSTRY (15CPs. Sem. I or II. Bu.) EIT3 Ms Roslyn Russell

Globally, entrepreneurship is recognised as the driving force behind economic growth. This subject will investigate the significance of entrepreneurship in the tourism industry, internationally and in Australia. The characteristics of the entrepreneur and the intrapreneur and how they differ from traditional managers will be examined.

Particular emphasis will be given to the entrepreneurial skills of exploiting opportunity and using creativity and innovation to provide a competitive advantage. Most importantly, in addition to gaining valuable insight into entrepreneurship in tourism the students will have the opportunity to learn how to think entrepreneurially. The concepts of creativity, lateral thinking, innovation and encouraging change will be key components of the lecture and tutorial program.

**Class requirements:** One 2-hour lecture and one 1-hour tutorial.

**Assessment:** one 2-hour examination (45%), one project (40%) and two class papers (15%).

#### EVENT AND CONFERENCE MANAGEMENT (15 CPs. Sem. II. Bu.)

ECM3 Mr Wiley Sims

Offered subject to sufficient enrolments.

In this subject students are shown the special short term nature of events and the specific business skills needed to plan and deliver such projects. Specific topics include; budgeting, sponsorship, promotion, leadership, volunteers, recruit training and management and exit conditions. On occasions it is planned to link the subject delivery with an actual case study.

**Prerequisite:** AFD1 and AMSB1 or equivalents.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (50%), one 2,000-word assignment (40%) tutorial exercises and participation (10%).

#### Preliminary reading:

Weissinger, S. S. *Successful meeting planning*, John Wiley 1992.

#### FOOD AND BEVERAGE: HEALTH AND SAFETY (15 CPs. Sem. II. Bu.)

FBHS3 Dr John May

Offered subject to sufficient enrolments.

In light of the emphasis in Australia and other countries on food safety issues, the subject addresses the issues, problems and solutions in this area. A basic introduction to microbiology of foods and beverages, food spoilage and food-borne illness and health issues for the community is included, along with the important areas of preparation, presentation, storage, cooking and chilling of foods. Practicals demonstrate the safe handling and microbiological control of food, water and beverages and also include instruction in procedures for killing or limiting growth of infectious organisms in food supplied to consumers.

**Class requirements:** two 1-hour lectures and one 1-hour practical per week.

**Assessment:** one 3-hour examination (70%) and practical work and assignments (30%).

#### Prescribed reading:

Adams, M. R. and Moss, M. O. *Food microbiology*, Royal Society of Chemistry 1996.

**HERITAGE DISPLAY AND MANAGEMENT (15 CPs, Sem. II, Bu.)**

**HDM3 Ms Rosalie Bent**

*Offered subject to sufficient enrolments.*

This subject examines the concepts and realities which constitute a cultural heritage within the tourist industry. Heritage presentation and the management and maintenance of heritage, will be considered through topics including definitions of heritage, the development of heritage, heritage conservation issues, indigenous heritage and urban and rural heritage perspectives.

**Prerequisite:** CT2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 3,000-word research project (30%), one 1,500-word essay (15%) and tutorial assignments and participation (10%), site visit analyses (10%) and one 2-hour examination.

**Prescribed reading:**

Davison, G. and McConville, C. (eds) *A heritage handbook*, Allen & Unwin 1991.

**HOSPITALITY AND COMMERCIAL LAW (15 CPs, Sem. I, Aw) WHCL3**

**Ms Angela Dwyer**

Students focus on various aspects of the law applicable to the hospitality industry. As it is both a 'commercial' law subject and 'hospitality' law subject, the focus is not purely on the hospitality industry, but also incorporates broader commercial issues that impact on the industry. Attention is given to trading entities, particularly the partnership and company, agency, the acquisition of land, leases, mortgages and guarantees. The role of directors particularly in relation to clubs, liquor and gambling legislation, liability of innkeepers, criminal law and insurance law. Students are encouraged to study cases and be familiar with primary documents such as a commercial lease, partnership deed, contract for sale of business to develop critical, analytical and management skills.

**Prerequisite:** Legal Studies 1 LCC, Food Services Management 2 and Accommodation Management 2.

**Class requirements:** two 1-hour lectures and one 2-hour tutorial per week.

**Assessment:** one research project (10%), one 1-hour mid semester test (10%), one 1500 word assignment (15%), one 1500 word case study (15%) and one 3-hour examination (50%).

**Prescribed reading:**

Atherton, C. and A. 1998, *Tourism Travel and Hospitality Law*, Law book company, Sydney.

Turner, C. *Australia Commercial Law* 1999.

**HOSPITALITY FACILITIES DEVELOPMENT AND MANAGEMENT (15**

**CPs, Sem. II, Aw) WFD3 Ms Eleanore Fitz**

You will acquire an understanding of the processes of hospitality facilities development and management. Planning principles including feasibility analysis, design process, environmental matters and controls are studied in conjunction with the character, demands, operational issues and business function of facilities management.

**Prerequisite:** WFSM2, WAM1, WHOM3.

**Class requirements:** one 4-hour session per week presented as a combination of lectures/ seminars, workshops, tutorials and laboratories.

**Assessment:** one 3 hour examination, one 2,000 word assignment, and a facilities management information system report.

**Preliminary reading:**

Huffadine, M. *Project management in hotel and resort development*, McGraw Hill 1993.

**HOTEL OPERATIONS MANAGEMENT (15 CPs, Sem. II, Aw) WHOM3**

**Ms Eleanore Fitz**

This subject introduces students to the operational specifics of hotel management theory and practice in a competitive environment. The subject addresses hotel business performance and performance measurement. Through a focus of hospitality operations management that specifically examines organisational structures and strategic planning and analysis in terms of the hospitality operations cycle, both short and long term. Service styles, quality, standardisation, production processes and systems implementation are studied with a production operations management approach.

**Prerequisite:** Enterprise Management 1, Microeconomic Principles 1, Macroeconomic Principles 1.

**Class requirements:** one 2-hour seminar and one 2-hour tutorial per week.

**Assessment:** Project reports (50%) and a 3-hour examination.

**Preliminary reading:**

Nebel III, E.C. *Managing hotels effectively*, Van Norstrand Reinhold 1991.

**Prescribed reading:**

Jones, P. and Lockwood, A. *The Management of Hotel Operations*, 1992.

**HOTEL OPERATIONS MANAGEMENT (30 CPs, Sem II, Bc.) HOM3 Ms**

**Eleanore Fitz**

This is a capstone subject that encompasses broad hospitality industry management with the primary focus on the theoretical and operational specifics of hotel management. Study in the subject includes compulsory assessable internship experience in the day to day operation of the university hotel school and other external industry placement.

In this subject, the business activity and environment of operations management is examined through the characteristics of service, and the utilisation of systems, with the primary focus on asset and product performance, employee performance, customer demand, product profitability, income profitability, and service quality.

**Prerequisite:** WEM1, W MAPAM1, F&B 1A F&B 1B.

**Class requirements:** one 2-hour lecture and one 2-hour practical in multi-hour blocks by arrangement. Assessable practical time will be internship hours within the university hotel school and related industry placement .

**Assessment:** one 3-hour examination (50%), one 6,000 word industry placement report (25%), and internship performance appraisal (25%).

**Preliminary reading:**

Nebel 111, Eddystone, *Managing Hotels Effectively*, Van Nostrand Reinhold. 1991.

**Prescribed reading:**

Jones, P. and Lockwood, A. *The Management of Hotel Operations*, Cassell. London. 1992.

**HOSPITALITY SERVICES MARKETING AND DELIVERY (15 CPs, Sem.**

**I, Bu.) HSMD3 Mr Wiley Sims**

*Offered subject to sufficient enrolments.*

The principles of total quality management (TQM) are investigated with a view to delivering commercially profitable, high quality services in the hospitality industry. Students investigate topics within the framework of world's best practice, such as quality auditing, productivity, education and training, employee quality responsibility and empowerment, cultural change management and bench-marking. The principles of service marketing are also studied in order to understand the special nature of the marketing of hospitality services and to communicate the high quality nature of service provision and its delivery. Case studies are used to support the practical application of concepts and theories.

**Prerequisite:** THM2 or MPAP2 or equivalents.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (40%), one 2,000-word assignment (40%) and tutorial presentations (20%).

**INDUSTRIAL TOURISM (15 CPs, Sem. II, Bu.) IDT3 Ms Elspeth Frew**

*Offered subject to sufficient enrolments.*

This subject builds upon knowledge already gained in cultural tourism. Students will develop an understanding of industrial tourism from an historical and contemporary perspectives and will also focus on the management of tourist attractions in the constructed environment, including their relationship to, and role in, the tourist experience. The course reflects current issues and the development of new tourism attractions based on technology and the use of the constructed environment.

**Prerequisite:** CT2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (35%), one 1,500-word assignment (20%), one 2,000-word assignment (30%) and a 1,000-word reflective review paper (15%).

**INTERNATIONAL TOURISM (15 CPs, Sem. I, Bu.) INT3 Professor**

**Peter Murphy**

Your broader appreciation of tourism as a global activity is developed. Specifically, students develop a thorough understanding of tourism as a force for economic development and of the problems inherent in sustainable tourism. Students are shown the size and scope of international tourism and analyse its business potential from an Australian perspective. The subject examines political factors (trade partnerships and international agreements), economic factors (balance of trade, currency markets and regulations), transportation (air and sea links) and cultural factors (historic links and cultural differences). It focuses on the conditions and opportunities within the Asia-Pacific region.

**Prerequisite:** ITHS1.

**Class requirements:** one 3-hour lecture/seminar per week.

**Assessment:** one 2-hour examination (50%), one 1,500-word assignment (20%) and a 2,000-word research paper (30%).

**Recommended reading:**

Hall, C. M. *Tourism in the Pacific Rim*, Longman, 1997.

**NEW TOURISM BUSINESS MARKETING (15 CPs. Sem. II. Bu.)****NTBM3 Professor Geoffrey Crouch**

This subject builds on core skills in marketing and management development in second year and is designed to complement the other subjects which for the entrepreneurship specialisation. A major element of the subject involves developing skills in the conduct of marketing research to support the development of new tourism business ideas. In addition, the subject also examines the new tourism product design and development process, and promotional methods suited to the needs of small tourism or hospitality enterprises.

**Prerequisite:** ETI2, THM2 or equivalents.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (40%), a 5,000-word project (40%), presentation of a project (10%) and tutorial participation (10%).

**Prescribed reading:**

Brunt, Paul (1997), *Market Research in Travel and Tourism*, Butterworth-Heinemann, Jordan Hill, Oxford.

**Recommended reading:**

Fink, Arlene and Jacqueline Kosecoff (1993), *How to Conduct Surveys: A step-by-Step Guide*, Sage Publications, Inc., Thousand Oaks: CA.

Ryan, Chris (1995), *Researching Tourist Satisfaction: Issues, Concepts, Problems*, Routledge, London.

**RESORT MANAGEMENT (15 CPs. Sem. II. Mb.) RM3 Ms Rosalie Bent**

This subject demonstrates and explores the special management skills associated with operating a year round resort. Business concepts, along with the need to work with local communities and industry partners is also covered.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** a 4,000-word major research project (40%), a 1,000-word seminar paper (15%), field trip reports (15%), tutorial exercises/presentation (20%) and tutorial participation (10%).

**Preliminary reading:**

Pearce, D. *Tourist Development*, 2nd edn, Longman 1989.

**SUSTAINABLE TOURISM MANAGEMENT (15 CPs. Sem. II. Bu.) STM3****Ms Kate Armstrong**

You will examine the practice of sustainable tourism management at the local, regional, national and international levels, and consider the critical role of managers in environmentally sensitive tourism enterprises. Students investigate the rationale for sustainable management and ways of achieving medium to long term sustainability in tourism industries and resources. The subject explores a variety of topics including competitive advantage, value chain strategies, 'in-person service' delivery, ecologically sustainable development, natural and cultural heritage management, carrying capacity, and water, energy and waste management in the hospitality industry.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week, potentially one field trip.

**Assessment:** one 2-hour examination (40%), a 3,000-word assignment (40%) and tutorial paper (20%).

**TOURISM ENTERPRISE MANAGEMENT (15 CPs. Sem. I or II. Bu.)****TEM3 Ms Roslyn Russell**

This principles of entrepreneurship are applied to a small business setting. In conjunction with developing the necessary knowledge and skills in starting and operating a small tourism business, particular emphasis will be given to the entrepreneurial skills of exploiting opportunity and using creativity and innovation to provide a competitive advantage.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** major project (40%), tutorial exercises (15%) and 2-hour examination (40%).

**TOURISM AND THE ENVIRONMENT (15 CPs. Sem. I. Bu.) TENV3 Mr****Ken Hopkins**

*Offered subject to sufficient enrolments.*

This subject begins with the premise that tourism and the environment are interdependent. The principles of business, economics, philosophy, politics and strategy are utilised to investigate the relationship between tourism and the environment. Using concepts such as sustainability, tourism growth and development and ecologically sustainable development students investigate the tourism-environment nexus through a series of case studies, which in turn become the focus of the main research paper. Issues such as world heritage and species diversity are discussed and are useful in the successful management of nature based tourism enterprises which depend upon the natural environment as a source of their financial viability.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial work (30%), 2,500-word case study/research paper (30%) and 2-hour final examination (40%).

**TOURISM PROJECT APPRAISAL (15 CPs. Sem. I. Bu.) TPA3 Dr John****Kennedy**

*Offered subject to sufficient enrolments.*

The subject enables students to conduct project appraisals, with particular application to tourism projects. Market valuation, cash flows and net present value criteria are covered under the financial appraisal of projects. Measurement of consumer and producer surplus, the valuation of public goods and externalities, the social rate of discount and handling risk and uncertainty are dealt with under economic appraisal of projects. Students will be encouraged to use spreadsheets to perform calculations and conduct sensitivity analysis. The appraisal of investment in tourist attractions such as sports, cultural and entertainment venues will be taken as case studies.

**Incompatible subject:** MIT2.

**Prerequisite:** ETI2, IMI1, or equivalent.

**Class requirements:** two 1-hour lectures and one 1-hour of tutorial per week.

**Assessment:** assignments (15%), a 1,500-word report (20%), two intra-semester tests (20%) and a 2-hour final examination (45%).

**Prescribed reading:**

Sinden, J. A. and Thampapillai, D. J. *Introduction to Benefit-Cost Analysis*, Longman Australia, 1995.

Van de Panne, C. *Introductory Financial Economics with Spreadsheets*, Harwood Academic 1999.

**TOURISM VENTURE PLANNING (15 CPs. Sem. I or II. Bu.) TVP3 Mr****Blake Stanwick**

*Offered subject to sufficient enrolments.*

This examines the process of developing a strategic plan for creating a new venture or special event and marketing its services. It aims to provide students with a detailed knowledge of the statutory requirements for running and establishing a new tourism venture. Topics include; concepts of competitive advantage, bench marking, statutory requirements, business planning, company structures, finance, location, cash flow planning and marketing. Knowledge developed from earlier subjects including Financial and Management Accounting, Tourism Enterprise Management, Marketing and Human Resource Management and Economics for the Tourism Industry will be invaluable in this course.

**Prerequisite:** AMSB1, ETI2, or equivalents.

**Quota:** 40. With preference to Bachelor of Business (Tourism and Hospitality) students.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** two 2,500-word reports consisting of a major project preliminary report and final report (40%), two seminar presentations consisting of a preliminary report and a final report (30%) and a 2-hour examination (30%).

**WINE KNOWLEDGE AND WINERY OPERATIONS (15 CPs. Sem. II.****Bu., Ta.) WKWO3 Dr Malcom Lovegrove**

*Involves the consumption of alcohol. Offered subject to sufficient enrolments.*

This introductory course has been structured for students who wish to pursue careers in the wine tourism industry in all its diversity. It aims to equip students with such basic knowledge and understanding of grape growing and wine making and marketing as well as give them the competence, confidence and customer service skills to promote the industry to the touring public. This will require the ability to develop promotional packages and events and to plan itineraries for tourists with an emphasis being placed upon relationships between wine, food, art, accommodation and the natural environment on a local, regional and national basis and the represent the diversity of the industry.

**Quota:** 40. With preference to Bachelor of Business (Tourism and Hospitality) students.

**Class requirements:** total of 40 hours combining lectures, seminars and field trips. The subject involves the tutored consumption of alcohol.

**Assessment:** two assignments (20%) and (40%) and examination (40%).

**Recommended reading:**

Halliday, J. *Wine Companion: Australia and New Zealand*, Angus and Robertson, Sydney, 1998.

Halliday, J. *Interactive Wine Companion*, (Interactive Multi-Media), Australia and New Zealand, (Audio-Visual) 1997.

Halliday, J. *A History of the Australian Wine Industry 1949 - 1994*, Angus and Robertson, Sydney, 1994.

## Fourth year subjects

### CONTEMPORARY ISSUES IN TOURISM AND HOSPITALITY (15 CPs. Sem. 1. Bu., Bc.) CITH4 Bu: Ms Elspeth Frew

*Offered subject to sufficient enrolment.*

Students explore specific contemporary tourism-hospitality management issues in detail. Specific topics change each year in accordance with industry experience and needs and the School will provide notice regarding the selected topic. The subject is delivered via a seminar, which includes presentations from staff, industry leaders and students.

*Prerequisite:* qualified for admission to fourth year.

*Class requirements:* three 2-day blocks, Mondays and Tuesdays.

*Assessment:* two research papers, one 1,500-word paper (30%), 3,000-word paper (50%) and a 2-hour examination (20%).

### ADVANCED FACILITIES MANAGEMENT (15 CPs. Sem. 1. Bu., Bc.)

AFM4 Bu: Mr Wiley Sims and Mrs Eleanor Fitz

*Offered subject to sufficient enrolment.*

Students build on past introductory hospitality subjects to examine the management principles and techniques involved in successfully operating a variety of facilities. Techniques cover a general manager's perspective on operations, human resources, organisation and behaviour, marketing and strategic development. Facility types covered include B & B's, motels, hotels, restaurants and institutions.

*Prerequisite:* qualified for admission to Fourth year.

*Co-requisite:* Research Methods in Tourism and Hospitality 4: RMTH4.

*Class requirements:* three 2-day blocks, Mondays and Tuesdays.

*Assessment:* one 2,000-word research paper (50%), tutorial assignments (20%) and a final examination (30%).

#### Recommended Reading: 5

Knowles, T. *Corporate strategy for hospitality*, Longman Harlow, 1996.

### READINGS IN TOURISM AND HOSPITALITY (15 CPs. Sem. 1. Bu.) RTH4

Students undertake an intensive and focused survey of the literature pertinent to their research topic. It is intended to provide students with detailed and in-depth knowledge of current research in their area of interest, to enable reflection on the implications of this research and to provide methodological and analytical models and

current concepts for their own research project. This subject is intended to support the thesis component of the degree/diploma.  
*Prerequisite:* CITH4.

*Class requirements:* one 3-hour introductory lecture plus one 30-minute appointment with the supervisor per fortnight, plus one 3-hour seminar per month.

*Assessment:* one, 1,500 word paper (25%) one, 3,000 word paper (40%) and one, seminar presentation (35%).

### REGIONAL TOURISM MANAGEMENT (15 CPs. Sem. 1. Bu., Bc.) RTM4

Mr Ken Hopkins

*Offered subject to sufficient enrolment.*

Tourism may be used as an agent for sustaining and assisting regional development. Using the State of Victoria as your prime resource base, students are expected to investigate and critically analyse a regional (or shire) tourism strategy/plan. This subject is designed to assist the student in preparing for the honours year thesis. It uses a series of modules utilising key management theories, concepts and techniques in the lecture program and is supported by a selection of relevant journal articles.

*Prerequisite:* qualified for admission to Fourth year.

*Co-requisite:* Research Methods in Tourism and Hospitality 4: RMTH4.

*Class requirements:* three 2-day blocks, Mondays and Tuesdays.

*Assessment:* 3,000-word research project (40%), one seminar presentation (20%) and 2-hour examination (40%).

### RESEARCH METHODS IN TOURISM AND HOSPITALITY (15 CPs. Sem. 1. Bu., Aw.) RMTH 4

Professor Peter Murphy and Dr Julie Jackson

*Offered subject to sufficient enrolment.*

Students build on earlier thematic technique subjects to develop consultant and management level skills in developing and interpreting research designs and methods. Students are taken through the principles of scientific research, explore qualitative and quantitative approaches and indicate how they can model or predict future events. In all instances emphasis is on industry related cases.

*Prerequisite:* qualified for admission to Fourth year.

*Class requirements:* three 2-day blocks, Mondays and Tuesdays.

*Assessment:* one 3,000-word research project (50%), tutorial assignments and participation (20%) and one final examination (30%).

# FACULTY OF SCIENCE, TECHNOLOGY AND ENGINEERING

**Inquiries:** level 2, Physical Science building 1.  
**tel:** (03) 9479 2828  
**email:** sci.tech@latrobe.edu.au  
**WWW:** http://www.scitechend.latrobe.edu.au

## Academic aims and objectives of the Faculty

The Faculty is committed to the attainment of excellence in all its scholastic and scientific endeavours.

The objectives of the Faculty include:

- the provision of courses and programs of high academic standard that are attractive to students, well taught and relevant to the needs of the community;
- the provision of opportunities for lifelong learning, career enhancement, and upgrading of qualifications; and
- the conducting of high quality research and higher degree programs both within each discipline and, where appropriate, across disciplines.

To deliver and develop research and educational programs that will foster the internationalisation of the Faculty.

## Admission requirements for Undergraduate

For full details, refer to the VTAC guide.

## Entry to honours programs

For entrance to an honours degree following a three year pass degree, students must obtain a minimum average of 60% across all of their third year subjects and obtain at least 65% in 60 credit points of subjects germane to the honours discipline. Some Departments may set higher entrance standards than these.

## Faculty and course regulations

Completion of a subject includes attendance at such lectures and tutorial classes as are prescribed and completion of such exercises and laboratory work as shall satisfy the Department concerned. Students who have not complied with the prescribed requirements may be refused admission to the annual examination in that subject. Reasonable notice of the prescribed requirements will be given. At the beginning of each year, students should obtain the approval of an Adviser of Studies of the Faculty for their proposed selection of subjects to be completed in that year.

Students are normally required either to complete one year of a course before progressing to the next or to be concurrently enrolled in subjects which would complete their earlier year level studies.

## Academic progress rules

Progress of a student enrolled in a full-time course of study in the Faculty is deemed to be unsatisfactory if the student

- passes less than 50% of their enrolment in their first year of study, or
- passes less than 60% of their enrolment in any year of study beyond their first year at the University, or
- fails a compulsory subject in the course for a second time, or
- fails to meet conditions specified by the Faculty's Academic Progress Committee prior to the commencement of the year.

A student whose progress in a course is deemed under (a) or (b) above to be unsatisfactory in any one year, but who has passed at least 60% of his or her cumulative enrolment since commencing the course, will receive a letter of warning and advice and will not be required to show cause.

Progress of part-time students will be reviewed upon completion of an attempt at the equivalent of a full-time year of study, or at the point where it becomes impossible for the student to satisfy the academic progress rules, even if he or she were to complete the equivalent of a full-time year of study.

## Language and Academic Skills assistance

The Language and Academic Skills Unit in the Faculty assists students at all levels to develop writing, reading, oral presentation and study skills. Students are encouraged to contact the unit in Physical Sciences 1 building, room 213, near the Faculty Office, or

telephone (03) 9479 2432 to make an appointment for individual assistance or to inquire about seminars, workshops and resources. Non-native speakers of English should contact the Language and Academic Skills (ESL) Unit on level 4 of the Humanities 3 building.

## English Language Skills

Students undertaking undergraduate courses offered by the Faculty of Science, Technology and Engineering are required to demonstrate proficiency in English in order to graduate. For students in the Bachelor of Behavioural Science or an Engineering, Technology, Computer Science, Information Systems or a double degree (other than the Bachelor of Science/Bachelor of Bioinformatics), the requirement is tested within their course structure. All other students in the Faculty (who commenced their course after 1994) are required to demonstrate their proficiency by passing an English test devised by the Faculty's Language and Academic Skills Unit (LASU). The test is administered once students reach second year level. The following will apply:

- Non-exempted students will be automatically enrolled in the zero credit-point subject FST00ELP English Language Proficiency at the beginning of their second year. Students who have not already passed the test but have progressed beyond their second year will also be automatically enrolled in the subject.
- The test is run on the first Wednesday of first semester.
- Students who fail the test are required to undertake language classes run by the Language and Academic Skills Unit during first semester.
- These students are required to sit another test at the end of first semester.
- The Language and Academic Skills unit will provide specialised assistance for those who fail the second test.
- First year students are permitted to attend the language classes if they wish.
- Students may delay the test and/or classes until third year.

Students who enrol in and pass relevant subjects as part of their course may be granted an exemption from the test. Relevant subjects include EDBE433 English and Academic Culture 1, EDBE434A English and Academic Discourse 1 (these subjects may only be counted as first-year electives in this Faculty) and CSE22COM Professional Communication. Students seeking exemptions on the basis of other subjects passed should, in the first instance, contact Diana Hiller in the LASU.

Important reminder: students who have not met this English proficiency requirement will not qualify for their degree and will not be permitted to graduate.

In 2000, the English Language Test will be held at 5.15pm on Wednesday 1 March (venue to be advised).

## International students

International students from non-English speaking backgrounds who are enrolled in courses where there are free electives and who need to further develop their English language skills in an academic context, may enrol in the subjects EDBE433 English and Academic Culture 1 (first or second semester) and EDBE434A English and Academic Discourse 1 (second semester). These are 15 credit point, single-semester subjects.

*These subjects may only be credited as first year level subjects towards any degree offered by the Faculty of Science, Technology and Engineering.*

For further information, obtain a leaflet from the International Programs Office, contact Marion Sargeant, School of Education, or Betty Russell, Language Centre.

## Health procedures and protective clothing

For laboratory classes, all students are expected to wear laboratory coats and shoes which adequately protect their feet. In chemistry laboratories, students must wear safety glasses. Students are expected to comply with appropriate laboratory safety rules. Smoking, eating or drinking is not allowed in lecture theatres, laboratories or computer rooms.

The University recommends that agricultural science undergraduate and postgraduate students who will have contact with animals should be immunised against the following diseases:

- Tetanus – all students.
- Q fever – as advised by the Department of Agricultural Sciences.

## Organisation of the Faculty

### School of Biochemistry, Chemistry and Genetics.

**Head of School:** Professor Nick Hoogenraad



## Department of Biochemistry:

**Location:** Physical Sciences 4 building, level 3  
**tel:** (03) 9479 2196  
**www:** <http://www.bioserve.biochem.latrobe.edu.au>

The Department offers subjects which form part of the second and third years in a range of Bachelor of Science degrees which may lead to an honours degree in biochemistry. These subjects are BCH 21PEM and BCH 22RGE at second year, and BCH 31MMB and BCH 32MCB at third-year level.

These subjects provide instruction in both theoretical and practical aspects of biochemistry and may be taken with subjects offered by other Departments in the Faculty. It is thus possible to vary the course structure to obtain background experience suitable for different professional careers.

Postgraduate training to masters and doctoral levels is available.

## Department of Chemistry:

**Location:** Physical Sciences 3 building  
**Tel:** (03) 9479 2569

The Department offers subjects leading to the Bachelor of Science and the Bachelor of Science (Chemical Sciences). These subjects are intended to provide a thorough and balanced training in chemistry that serve as a satisfactory prelude to postgraduate research, further courses in allied subjects, industrial appointments, or a career in teaching. Students may major solely in chemistry, or jointly in chemistry and another subject.

Students intending to proceed to honours in chemistry are selected on the basis of their performance in the final year of the pass degree course.

## Department of Genetics and Evolution

**Location:** Biological Sciences 2 building, level 2  
**Tel:** (03) 9479 2265  
**www:** <http://www.gen.latrobe.edu.au/>

In the area of Genetics the Department offers subjects at first, second and third-year levels as part of the science degrees. An honours degree in genetics and evolution and a postgraduate diploma are available to graduates of La Trobe and other universities. Masters and doctoral degrees by research are available.

The subjects offered cover a wide range of topics in genetics, including molecular, ecological, conservation and human molecular and ecological genetics, genomics, as well as molecular evolution and organismal evolution. All subjects include a significant practical component.

## Human Genetics Unit:

**Location:** Biological Sciences 2 building, level 2  
**Tel:** (03) 9479 2265

The Human Genetics Unit offers subjects and subject components at first, second and third year levels as part of the science degrees, which may lead to an honours degree or postgraduate diploma. The subjects offered cover a wide range of topics in human biology and human genetics, including human molecular and ecological genetics, the origins of modern humans, human behavioural genetics, immunogenetics, forensic genetics, lifestyle and disease. Postgraduate training to Masters and doctoral levels is available.

## School of Engineering

**Head of School:** Professor Tharam Dillon

## Department of Computer Science and Computer Engineering:

**Location:** Beth Gleeson Building, level 2  
**Tel:** (03) 9479 1107  
**email:** [info@cs.latrobe.edu.au](mailto:info@cs.latrobe.edu.au)  
**www:** <http://www.cs.latrobe.edu.au>

The Department has particular strengths in Intelligent Computing Systems, Co-operating Computer Systems, Software Engineering, Multimedia Systems and Visual Interaction and is the major provider for a wide range of challenging undergraduate courses:

- Bachelor of Computer Systems Engineering
- Bachelor of Computer Systems Engineering (Computer Networks)
- Bachelor of Computer Systems Engineering (Software Engineering)
- Bachelor of Computer Science
- Bachelor of Information Systems
- Bachelor of Technology (Computer Technology)

Many relevant double degrees are also available. The Bachelor of Computer Science can be combined with degrees in Commerce, Science, Cognitive Science, or Electronic Engineering, while the Bachelor of Information Systems can be combined with degrees in Arts-Information Science and Business. Specialisations in computer science may also be undertaken in the Bachelor of Science, Bachelor of Arts, Bachelor of Arts/Bachelor of Science and Bachelor of Science/Bachelor of Bioinformatics degrees. Common to all courses is an emphasis on providing sound training in fundamental and theoretical issues, supported by industry-relevant practical applications. The opportunity also exists for students to specialise in any of the particular strengths of the Department. In all courses, a solid foundation is provided in programming using the C++ language with an emphasis on object-oriented methods for solving problems and students complete a major year-long team-based software engineering project in their third-year.

## Department of Earth Sciences:

**Location:** Physical Sciences 4 building  
**Tel:** (03) 9479 2649

Geology is the scientific investigation of the Earth. The study of geology helps us understand the environment in which we live and the natural resources on which our way of life depends. The Department provides courses which prepare students for a career as a professional geologist, as well as more general options which can be taken in other science programs. The Department offers subjects leading to the BSc and BSc (Earth Science) degrees. Geology draws on other branches of science and can also be studied as part of other degrees, including the BSc (Environmental Science) and BSc (Biological Science) and the BA/BSc double degree.

## Department of Electronic Engineering:

**Location:** Bundoora campus, Beth Gleeson Building, level 4  
**Tel:** (03) 9479 2036  
**Email:** [info@ee.latrobe.edu.au](mailto:info@ee.latrobe.edu.au)  
**www:** <http://www.ee.latrobe.edu.au>

The Department emphasises teaching and research in the fields of biomedical engineering, circuits and instrumentation, communications, computer networks and architectures, control systems, quantum and solid-state electronics and signal processing. The Department offers the Bachelor of Engineering (Electronics) degree and science/electronic engineering or computer science/electronic engineering double degrees, a new five year concurrent Bachelor of Engineering (Electronics)/Master of Engineering (Biomedical) and a three year Bachelor of Technology (Electronics) degree. These courses prepare graduates for professional employment or further postgraduate research study. These degrees are accredited by the Institution of Engineers (Australia). Electronics subjects are also offered in the Bachelor of Science degree.

## Department of Physics:

**Location:** Physical Sciences 1 building  
**Tel:** (03) 9479 2622

The Department teaches the knowledge of physics, the necessary skills to become a physicist and develop a scientific view of the world. Subjects include basic ideas describing the physical world and associated mathematical models. Skills in relating ideas to real phenomena, developing mathematical representations, problem solving including the use of computers are emphasised, providing a basis for postgraduate study.

The Department offers subjects which lead to a three year major in physics as part of a BSc and BSc(Honours). Specialised subjects are offered for the BSc (Space Science), e.g. PHY31ASB, PHY32REM; Bachelor of Environmental Science: e.g., PHY11PAA/12PAB; Agriculture and Life Sciences: e.g., PHY12AGR; Engineering and Technology: e.g., PHY11ENG and PHY20ENG.

## School of Life Sciences

**Head of School:** Professor Roger Parish

## Department of Agricultural Sciences:

**Location:** R. L. Reid building, level 2  
**Tel:** (03) 9479 1363

The Department offers subjects leading to the Bachelor of Agricultural Science, the Bachelor of Science (Animal Science) and the Bachelor of Viticultural Science degrees. Subjects offered provide a broad understanding of soils, plants, animals and economics and how they interact and inter-relate. Student work placements and research

projects provide real world experience. Students enrolled in other courses may undertake subjects offered by the Department. The Department has a 13 hectare Agricultural Reserve on the Bundoora campus which is used for field work and works closely with the Northern Melbourne Institute of TAFE in the delivery of the Bachelor of Viticultural Science. It also exposes students to the applied aspects of crop and animal husbandry. The Department provides quality teaching and research and its degrees are recognised among the best in Australia.

### Department of Botany:

**Location:** Biological Sciences 1 building, level 4  
**Tel:** (03) 9479 2217  
**Email:** botany@latrobe.edu.au  
**www:** http://www.latrobe.edu.au/www/botany

The Department contributes extensively to first year subjects in biology and offers subjects leading to the Bachelor of Science pass and honours degrees. In the third year of the course, students have the option of pursuing specialisation at the molecular, whole plant or community level. Postgraduate training is available in a wide range of fields in the plant sciences.

Students can study botany in conjunction with a variety of the other science subjects, either in the general BSc or in the BSc in Biological Sciences, or as part of more specialised courses such as BSc (Biotechnology and Cell Biology) or BSc (Conservation Biology and Ecology).

### Department of Environmental Management and Ecology:

**Location:** Albury/Wodonga campus

*See the Albury/Wodonga campus chapter.*

### Department of Microbiology:

**Location:** Thomas Cherry Building, level 1  
**Tel:** (03) 9479 1114

The Department offers subjects at second and third year levels leading to a Bachelor of Science degree and at the fourth year level, leading to a Bachelor of Science (Honours) in Microbiology. Postgraduate training leading to masters and doctoral degrees is also available. The microbiology subjects are intended to provide a basic education and training in fundamental aspects of general microbiology and the necessary practical skills required for careers in such fields as research, industry and teaching.

### Department of Zoology:

**Location:** Biological Sciences 1 and 2 buildings, level 3  
**Tel:** (03) 9479 2237  
**www:** http://www.zoo.latrobe.edu.au

Zoology is the study of animals in all of their many facets. It includes the study of individual animals and populations of animals, their relationships with one another, with plants and with their physical environment. It encompasses many recognised sub-disciplines, which fall broadly into two divisions: ecological zoology and physiological zoology. The Department offers subjects which cover many sub-disciplines which reflect the research interests of the staff, including, systematics and taxonomy, cell biology, cell, general and comparative physiology, ecology and conservation, biogeography, palaeontology, evolution, developmental and reproductive biology, behaviour, limnology, marine biology, morphology, histology and cytology, entomology and economic ecology.

### School of Mathematics and Statistical Sciences

**Head of School:** Dr Peter Stacey

### Department of Mathematics:

**Location:** Physical Sciences 2 building, levels 2 and 3  
**Tel:** (03) 9479 2600

Research activities strongly influence the Departments undergraduate subjects, particularly at the third and fourth year levels. Another distinctive feature of the Department is its strong emphasis on student participation in learning, with more practice classes and fewer lectures than is customary in other university mathematics courses.

The gateway to a major study in mathematics is the combination of MAT11CFN and MAT12CLA. Students wanting to keep their future options open are advised to take both subjects. Students interested in mathematics are also encouraged to study MAT11DM, which is a prerequisite for second year computer science subjects.

### Department of Statistical Sciences:

**Location:** Physical Sciences 2 building, level 2  
**Tel:** (03) 9479 2600

Statistics plays an important role in many fields, making it suitable for combination with almost every other discipline. Statistical science embraces the design of studies and the analysis of data arising from these studies, making them efficient and credible. Its methods are based on reasoning and the mathematics of chance and are implemented by the use of convenient computer software. The Department offers application-oriented, service subjects such as (STA11/12LS Statistics for Life Sciences), (STA21SC Elementary Statistics and Statistical Computing for Industry) and a stream of statistics subjects leading to qualification as a professional statistician. The Master of Statistical Science degree includes training in statistical consulting work on problems raised by clients.

### School of Psychological Science

**Head of School:** Professor Chris Pratt

**Location:** Bundoora campus, George Singer Building  
 Albury/Wodonga campus  
 Bendigo campus  
**Tel:** Albury/Wodonga campus (02) 6058 3890  
 Bendigo campus (03) 5444 7818  
 Bundoora campus (03) 9479 1590

The School offers a three-year major sequence in psychology which forms the core of the Bachelor of Behavioural Science (BBS) on each of the three campuses. The sequence at Albury/Wodonga is taught through a combination of distance education lectures using video, and on-campus laboratory classes. A fourth year honours level course which leads to the BBS(Hons) degree is offered on the Bundoora campus. Both the BBS and the BBS(Hons) degrees are accredited by the Australian Psychological Society (APS), with the psychology subjects in these degrees providing the basis for registration with the Psychologists Registration Board of Victoria to practice as a psychologist.

### Undergraduate courses offered by the Faculty

#### BACHELOR OF SCIENCE

The first year of this degree is also offered at the Mildura campus—see below for this entry.

The Bachelor of Science is a general degree program which provides students flexibility to combine studies in their chosen areas of science (subject to satisfying the relevant prerequisites) or to follow one of the specialist streams offered. Areas of study available in the Faculty are:

- agricultural science
- biology (biochemistry, botany, genetics, microbiology, zoology)
- chemistry
- computer science
- electronics
- environmental management and ecology (Albury-Wodonga campus only)
- geology
- mathematics (applied and pure)
- physics
- psychology<sup>1</sup>
- statistics.

Key: <sup>1</sup> enrolment in Psychology is subject to students achieving the minimum enter requirement for entry into BBS degree.

After a broad first year of study, students may take major studies in any of these areas through to third year. Alternatively, specialist streams requiring particular subjects to be taken are available in biostatistics, materials and surface science and opto-electronics. Students who achieve sufficiently good results in their final year are eligible to proceed to an honours year in the relevant area of science, or their chosen specialist stream.

#### Course structure

To qualify for the Bachelor of Science, students must complete subjects to the value of 360 credit points, normally 120 credit points at each of first, second and third year levels. Up to a total of 110 credit points may be taken outside the Faculty. Specific requirements for each year level are given below.

*Students must enrol in the zero credit point subject FSTOOLP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).*

**First year**

Subjects to the value of 30 credit points in each of three different areas from the above list, with the remaining 30 credit points selected from first year subjects offered by the Faculty of Science, Engineering and Technology, or by other faculties of the University, subject to the proviso that no more than 15 of these 30 credit points may be chosen from those areas already selected.

**Second year**

Subjects to the value of 40 credit points in each of two different areas from the above list, with the remaining 40 credit points selected from second year subjects offered by this or other faculties.

**Third year**

Subjects to the value of 60 credit points in one of the areas from the above list, with the remaining 60 credit points selected from third year subjects offered by this or other faculties, subject to a maximum of 40 credit points from subjects taken in other faculties. Within the above requirements, subject selection is limited only by timetable clashes, prerequisite and co-requisite needs, quotas and specific exclusions relating to incompatible subjects.

**Specialist streams****Biostatistics**

The biostatistics stream provides training in research methodology that is essential for studies in the life sciences. It focuses on studies in medicine, epidemiology and the biological sciences, where the demand for biostatisticians is greatest.

Compulsory subjects in the biostatistics stream are set out below. Students wishing to proceed to the honours year or the Master of Statistical Science are recommended to choose 40 credit points of mathematics at second year level.

Year	Credit points prescribed	Sem. I.	Sem. II.
1	120	BIO11AD MAT11CFN <sup>1</sup> PH11B1 STA11LS	MAT12CLA <sup>1</sup> PH11B2 STA22SS STA22BS
2	60	PH2ARM STA21AS STA21PM	STA22LM STA22SI
3	105	STA31PM STA31SI STA31BS	STA32AS PH3RMH STA32LM

Key: <sup>1</sup> MAT11CFN and MAT12CLA may be replaced by MAT12MCB and a 15 credit point elective.

**Chemical Physics**

A new Chemical Physics stream is available from 2000. See the Faculty of Science, Technology and Engineering for details.

**Materials and Surface Science**

This stream is designed to emphasise the technological importance of new materials, especially the critical nature of their surfaces in their interaction with the environment. Surface science techniques involve the investigation of materials on the nanometre or atomic scale and are of vital importance in many advanced industrial processes such as catalysis or semiconductor wafer processing.

The stream is taught by staff with international research expertise and makes use of La Trobe's world class experimental facilities in this area. The first year is a general stream which is followed in later years by subjects containing specialised materials and surfaces electives. It represents a unique preparation for entry into a career in this rapidly developing field. Compulsory first year subjects, each of which is valued at 15 credit points per semester are:

**Semester 1**

PHY10SCI, MAT11CFN and CHE11GEN.

**Semester 2**

PHY10SCI, MAT12CLA and CHE12APL.

In second and third years, core subjects in materials and surface science will be available from among physics, applied mathematics and chemistry subjects. Details of these will be confirmed at enrolment, but they will include properties of semiconductors, polymers and materials for electronic applications, diagnostic techniques, solid state chemistry, surface and polymer chemistry, quantum mechanics, heat and mass transport, optical properties of solids and semiconductor physics.

**Opto-electronics**

This stream provides science students with the opportunity to combine theoretical and practical knowledge to facilitate the combination of electronics and optics, particularly in the areas of photonics, optical fibres, optical sensors, fibre-optic systems and data communications.

Compulsory subjects are:

Year	Credit points prescribed	Sem. I.	Sem. II.
1	90	ELE11IEL MAT11CFN PHY10SCI	ELE12CCT MAT12CLA PHY10SCI
2.	80	ELE21DIG ELE21LIN MAT21LA MAT21AVC	ELE22MIC ELE22ACI MAT22APD ELE22CDP
3.	90	ELE31CTL ELE31COM ELE31ACD MAT31ACZ	ELE32EDA ELE32DSP ELE32RMO ELE32OPP ELE32TEL

Honours study is available in opto-electronics and includes the subjects ELE41OFC and ELE42OFS and a fourth year project specialising in optical systems.

**BACHELOR OF SCIENCE – MILDURA CAMPUS**

This program allows students to combine studies in their chosen areas of science (subject to satisfying relevant prerequisites) or to follow one of the specialist streams offered. Only the first year of the Bachelor of Science is available at Mildura. Following the first year successful students can apply to transfer to a Science degree and take major studies in their area of study through to third year at the Bundoora or Albury/Wodonga campus, or to the Bachelor of Applied Science at the Bendigo campus.

Areas of study available are:

- Agricultural science
- Biology (biochemistry, botany, genetics, microbiology, zoology)
- Chemistry
- Environmental management and ecology<sup>1</sup>
- Geology
- Mathematics (Applied and Pure)
- Physics

Key: <sup>1</sup> Only available on the Albury/Wodonga campus.

**Subjects available in first year:**

Refer to the *Index of subjects* for the full description of these subjects. Unless noted all subjects are worth 15 credit points.

Sem.		Subject code
1	Agricultural Systems	AGR11SYS
1	Agriculture in the Australian Economy	AGR11AAE
1	Animal Diversity, Ecology and Behaviour	BIO11AD
1	Calculus, Functions and Number Systems	MAT11CFN
1	Organisation and Function of Cells and Organisms	BIO11OF
1	The Dynamic Earth	GEO11DYN
1&2	Principles of Physics <sup>1</sup>	PHY10SCI
1&2	Statistical Methods <sup>2</sup>	BMATHSTM
2	Applications of Chemistry	CHE12APL
2	Calculus and Linear Algebra	MAT12CLA
2	Earth Environments and Resources	GEO12ERS
2	General Principles of Chemistry	CHE11GEN
2	Genetics, Human Biology and Evolution	BIO12GEN
2	Mathematics and Computing for Biology	MAT12MCB
2	Plant Science	BIO12PS

Key: <sup>1</sup> 30 credit point subject. <sup>2</sup> Only available on the Bendigo campus.

**BACHELOR OF AGRICULTURE AND RESOURCE ECONOMICS**

For full details of this course, see the Faculty of Law and Management chapter of the Handbook.

**BACHELOR OF AGRICULTURAL SCIENCE**

This course is designed to encourage in students a basic understanding of the relations between soils, plants, animals, economics and the environment. It should be emphasised that the degree is in agricultural science, not in farming. Agriculture is not only an important component of our environment, it reacts with and affects the non-agricultural components. The emphasis in the course is, therefore, on the sciences relevant to an understanding of primary production and resource management.

The course concentrates on the sciences concerned with soil productivity, plant and animal production, business management and

agricultural marketing and policy. They include soil chemistry and physics, plant and animal nutrition, physiology and biochemistry, plant and animal health, weed ecology and control, microeconomics, macroeconomics, statistics, computing and sociology. The applied sciences and real world economics, which are the foundation of the Bachelor of Agricultural Science, have a consistently successful record in leading to a wide variety of careers in agricultural, industrial, research and commercial organisations.

#### Course structure

This is a four-year, fixed-content course.

*Students must enrol in the zero credit point subject FSTOOLP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).*

First year		(135 credit points)
Sem.	Subject code	Credit Points
1	Agricultural Systems	AGR11SYS 15
1	Agriculture in the Australian Economy	AGR11AAE 15
1	Organisation and Function of Cells and Organisms	BIO11OF 15
1&2	Agricultural Practice	AGR10AP 15
<i>choose one first semester chemistry subject either</i>		
1	Basic Chemistry	CHE11BAS 15
or		
1	General Principles of Chemistry	CHE11GEN 15
and		
2	Agricultural Genetics	BIO12AGG 15
2	Applications of Chemistry	CHE12APL 15
2	Mathematics and Computing for Biology	MAT12MCB 15
2	Plant Science	BIO12PS 15
Second year		(155 credit points)
1	Plant Physiology and Nutrition	AGR21PPN 20
1	Proteins, Enzymes and Metabolism	BCH21PEM 20
1	Soil Science	AGR21SS 20
1	Statistics for Life Sciences	STA21LS 20
1&2	Agricultural Practice	AGR20AP 5
2	Cellular Regulation and Gene Expression	BCH22RGE 20
2	Introductory Microeconomics 1	IMI1 15
2	Physics for Agriculture and Life Sciences	PHY12AGR 15
2	Physiology of Domestic Animals	AGR22PDA 20
Third year		(125 credit points)
1	Animal Protection	AGR31ANP 20
1	Ecophysiology of Plants	AGR31EPP 10
1	Global Trading Issues	GT12 15
1	Plant Pests and Diseases	AGR31PPD 10
1&2	Agricultural Practice	AGR30AP 10
2	Agricultural Business Management	AGR22ABM 20
2	Animal Nutrition	AGR32ANN 20
2	Soil Science	AGR32SS 20
Fourth year		(135 credit points)
1	Agricultural Case Studies	AGR41ACS 30
1	Agricultural Marketing and Policy	AGR41AMP 20
1	Experimental Protocols	AGR41EXP 20
1&2	Agricultural Practice	AGR40AP 15
2	Project	AGR42PRO 60

#### BACHELOR OF BEHAVIOURAL SCIENCE – BUNDOORA

The Bachelor of Behavioural Science (BBS) is a coherent program of study in psychology with other subjects considered central to a broad education in behavioural science.

As well as completing a major in psychology, students study other subjects which relate to the biological and social aspects of behaviour. The course prepares students for careers in a range of areas including personnel, management and health and human services. It is important to emphasise that the BBS degree does not qualify a graduate to work as a psychologist. Further education, training and supervised experience is required for registration as a professional psychologist with the Psychologists Registration Board of Victoria and also for membership of the Australian Psychological Society (APS). Psychology involves conducting research with human participants. As part of their course, BBS students are expected to engage in such research, at times collecting data from others and at times as volunteer participants in research. However, students are always given the choice about being participants in any particular research study.

#### Course structure

The BBS may be undertaken in three years of full-time study, but can be completed on a part-time basis. Students intending to study part-time should note that this means enrolling in a lesser work-load, rather than studying after-hours as BBS subjects are not available as evening classes.

The degree requires at least 360 credit points, consisting of 120 credit points accrued from subjects taken at each of the first, second and third year levels.

An additional requirement is that students must take psychology subjects at second and third year level of not less than 120 credit points and to graduate, students must successfully complete a minimum of 150 credit points of psychology subjects across the three years of the degree. Thus, to meet this requirement, in addition to the core psychology subjects listed in the degree structure below, students must take at least one of the following subjects:

- PSY20BN
- PSY20TOP/PSY30TOP,
- or
- PSY30APP.

Other subjects taught by the School of Psychological Science at Bundoora and which normally are components of the degree are PSY11PYA, PSY12PYB, PSY21PYA, PSY22PYB, PSY30P and PSY10BN. PSY31BNA and PSY32BNB, are optional third year subjects.

*(Full details of each subject offered by the School of Psychological Science is available in the subject handbook produced by the School in February of each year).*

*It is important to note that:*

- the total number of credit points may be greater than 120 in any year, but must not exceed 140 credit points, without permission from the Course Adviser.
- Enrolments exceeding 120 credit points in any year will accrue proportionately higher HECS liabilities for that year.
- any excess credit points accrued, at any year level, cannot be accredited towards a higher year level.

#### First year (120 credit points)

*Core subjects (60 credit points)*

Sem.	Subject code	Credit Points
1	Psychology A	PSY11PYA 15
1&2	Behavioural Neuroscience <sup>1</sup>	PSY10BN 30
2	Psychology B	PSY12PYB 15

Key: <sup>1</sup>or any other first year biological science subjects totalling not less than 30 credit points.

#### Electives (60 credit points)

At least 30 credit points must be chosen from one of the following discipline areas:

Business studies, legal studies, sociology and anthropology, politics, linguistics, Asian studies, philosophy, computer science & computer engineering, mathematics or statistics.

The remaining 30 credit points would normally be selected from other science subjects. However, with the approval of the Course Adviser, students may choose subjects offered by other faculties.

#### Second year (120 credit points)

*Core subjects (40 credit points)*

Sem.	Subject code	Credit Points
1	Psychology A	PSY21PYA 20
2	Psychology B	PSY22PYB 20

#### Electives (80 credit points)

Other second-year level subjects for which prerequisite requirements have been met and will usually include one of the additional second-year psychology subjects (PSY20BN or PSY20TOP).

#### Third year (120 credit points)

*Core subjects (60 credit points)*

Sem.	Subject code	Credit Points
1&2	Psychology	PSY30P 60

#### Electives (60 credit points)

Other third-year level subjects for which prerequisite requirements have been met and will usually include one of the additional third-year psychology subjects (PSY30APP or PSY30TOP).

#### Honours degree

Students who perform at a high standard may be invited to undertake a further year of psychology study in Honours (PSY40HON) which is a prerequisite for most postgraduate courses of study. Following

the successful completion of the honours year, these students will graduate with a BBS(Hons). The honours course is presently offered only at the Bundoora campus although students from Bendigo and Albury/Wodonga campus may be able to design, with the approval of the Honours coordinator, a program of study that, while requiring some attendance at Bundoora, will not require them to relocate.

## BACHELOR OF BEHAVIOURAL SCIENCE – ALBURY/WODONGA

**Inquiries:** Dr Peter Wilson  
**Tel:** (02) 6058 3890

### Course structure

See the description for the Bundoora program above for details.

Electives, subject to approval, may be chosen from the complete range of subjects offered at the Albury/Wodonga campus.

### First year (120 credit points)

Core subjects (60 credit points)

Sem.		Subject code	Credit Points
1	Psychology A	WPS11PYA	15
2	Psychology B	WPS12PYB	15
1&2	Behavioural Neuroscience	WPS10BN	30

or

any other first year biological science subjects totalling not less than 30 credit points.

### Electives (60 credit points)

At least 30 credit points must be chosen from one of the following discipline areas:

Asian Studies, biological sciences, business studies, including business statistics, drama, history, Indonesian/Malay, legal studies, sociology.

The remaining 30 credit points should be selected from further subjects taught at first year level and in consultation with the Course Adviser.

### Second year (120 credit points)

Core subjects (40 credit points)

1	Psychology A	WPS21PYA	20
2	Psychology B	WPS22PYB	20

### Electives (80 credit points)

Other second-year level subjects for which prerequisite requirements have been met and may include an additional second-year psychology subject (WPS20TOP).

### Third year (120 credit points)

Core subjects (60 credit points)

1&2	Psychology	WPS30P	60
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### Electives (60 credit points)

Other third-year level subjects for which prerequisite requirements have been met and will usually include one of the additional third-year psychology subjects (WPS30APP or WPS30TOP).

### Honours degree

Students who perform at a high standard may be invited to undertake a further year of psychology study in Honours (PSY40HON) which is a prerequisite for most postgraduate courses of study. Following the successful completion of the honours year, these students will graduate with a BBS(Hons). The honours course is presently offered only at the Bundoora campus although students from Bendigo and Albury/Wodonga campus may be able to design, with the approval of the Honours coordinator, a program of study that, while requiring some attendance at Bundoora, will not require them to relocate.

## BACHELOR OF BEHAVIOURAL SCIENCE – BENDIGO

**Inquiries:** Dr Paul Maruff  
**Tel:** (03) 5444 7334

### Course structure

See the description for the Bundoora program above for full details.

Electives, subject to approval, may be chosen from the complete range of subjects offered at the Bendigo campus.

### First year (120 credit points)

Core subjects (60 credit points)

Sem.		Subject code	Credit Points
1	Introduction to Psychology	BPY111	15
1	Life Science 1	BB11LS1	15
2	Human Ecology and Health	BHS1HEH	15
2	Introduction to Psychology	BPY112	15
2	Life Science 2	BB11LS2	15

### Electives (60 credit points)

Further subjects taught at first year level and in consultation with the Course Adviser.

### Second year (120 credit points)

Core subjects (55 credit points)

1	Behavioural Science 2A	BPY211	20
1	Excitable Cells and Endocrine Systems	BB1205	15
2	Behavioural Science 2B	BPY212	20

### Electives (65 credit points)

Other second-year level subjects for which prerequisite requirements have been met.

### Third year (120 credit points)

Core subjects (90 credit points)

1	Behavioural Science 3A	BPY311	45
2	Behavioural Science 3B	BPY312	45

### Electives (30 credit points)

Other third-year level subjects for which prerequisite requirements have been met.

### Honours degree

Students who perform at a high standard may be invited to undertake a further year of psychology study in Honours (PSY40HON) which is a prerequisite for most postgraduate courses of study. Following the successful completion of the honours year, these students will graduate with a BBS(Hons). The honours course is presently offered only at the Bundoora campus although students from Bendigo and Albury/Wodonga campus may be able to design, with the approval of the Honours coordinator, a program of study that, while requiring some attendance at Bundoora, will not require them to relocate.

## BACHELOR OF COMPUTER SCIENCE

The Bachelor of Computer Science offers a comprehensive program of study to meet the significant increase in demand for computer scientists.

The course offers an extensive range of topics in computer science, including software systems and design, databases, expert systems, artificial intelligence, computer architecture, networks and multimedia systems. A feature of this course is its heavy emphasis on object-oriented systems and requires students to learn C++ in their first year. It is a three year, full-time course and the honours program requires a further year of study. Graduates are eligible for professional membership of the Australian Computer Society.

### Course structure

In first year, students select subjects from a list of core and recommended subjects from within the disciplines of computer science, mathematics and statistical science. Elective subjects can be chosen from other disciplines. In second and third year, students can select subjects which are prescribed for the stream chosen – software engineering or intelligent systems, computer networks or systems programming. A number of un-streamed subjects are available for those students who choose not to specialise in one of those streams.

### First year (120 credit points)

Core subjects (75 credit points)

Sem.		Subject code	Credit Points
1	Calculus, Functions and Number Systems	MAT11CFN	15
1	Discrete Mathematics	MAT11DM	15
1	Introduction to Programming Using C++	CSE11IPC	15
2	Object Oriented Programming Using C++	CSE12OOP	15
2	Systems Programming in C and UNIX	CSE12SYS	15

The remaining 45 credit points may be chosen from first year subjects offered by any Department, subject to meeting the prerequisites for those subjects. It is recommended that students include MAT12CLA and STA12SS among their electives. The subjects MIS1, MANC1A and PHY11MTA are not permitted.

### Second year (120 credit points)

Core subjects (70 credit points)

Students are required to take 50 credit points of core subjects plus a further 20 credit points of second year computer science subjects, depending on the stream chosen. The remaining 50 credit points are elective, subject to the conditions given below.

Sem.		Subject code	Credit Points
1	Algorithms, Data Structure and Compilers	CSE21ADC	10
1	Computer Organisation	CSE 21COR	10
1/2	Artificial Intelligence	CSE 21AI/22AI	10
2	Introduction to Professional Communication	CSE22COM	10
2	Microprocessors and Assembly Language	CSE 22MAL	10

plus 20 credit points from one of the following streams:

#### Software engineering or intelligent systems stream

1	Systems Description Techniques	CSE 21SDT	10
2	Object-oriented Data Engineering	CSE 22ODE	10

#### Computer networks or systems programming stream

1	Data Communications and Networks	CSE 21NET	10
2	Computer Architecture	CSE 22ARC	10

#### Un-streamed

20 credit points chosen from subjects in the above streams or:

1	Database Systems	CSE 21DB	10
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or any other second year computer science subject not already taken.

#### Electives (50 credit points)

The remaining 50 credit points may be chosen from second year subjects offered by any Department, subject to meeting the prerequisites for those subjects and subject to a maximum of 80 credit points of second year computer science subjects being chosen. (MIS2 is not permitted).

#### Third year (120 credit points)

Core subjects: (90 credit points)

Students are required to take the subject CSE30PRJ plus a further 60 credit points of third-year subjects depending on the stream chosen. The remaining 30 credit points are elective, subject to the conditions below.

Sem.		Subject code	Credit Points
1&2	Software Engineering Project	CSE 30PRJ	30

plus 60 credit points from one of the following streams:

#### Software engineering stream

CSE 31STM, CSE 31UIE, CSE 32WRK, CSE 32SRT, plus two subjects from the list below (which must include CSE 31DB if CSE 21DB has not been taken already).

#### Intelligent systems stream

CSE 31UIE, CSE 32AI, CSE 32GRA, plus three subjects from the list below (which must include CSE 31DB if CSE 21DB has not been taken already).

#### Computer networks stream

CSE 31PPR, CSE 32LAN, CSE 32NSS, CSE 32OS, plus two subjects from the list below.

#### Systems programming stream

CSE 31IDI, CSE 31PPR, CSE 32ACA, CSE 32OS, plus two subjects from the list below.

#### Un-streamed

Six subjects chosen from the list below: All subjects are worth 10 credit points.

Sem.		Subject code
1	Fourth-Generation Languages	CSE 31FGL
1	Input/Output Device Interfacing	CSE 31IDI
1	Management Information Systems	CSE 31MIS
1	Numerical Computation	CSE 31NC
1	Protocols, Performance and Routing	CSE 31PPR
1	Software Techniques and Metrics	CSE 31STM
1	User Interface Engineering	CSE 31UIE
2	Advanced Computer Architecture	CSE 32ACA
2	Artificial Intelligence	CSE 32AI
2	Expert Systems	CSE 32EXP
2	Graphics Programming	CSE 32GRA
2	LANs and WANs	CSE 32LAN
2	Multimedia Systems	CSE 32MS
2	Networks and Systems Security	CSE 32NSS
2	Operating Systems	CSE 32OS
2	Parallel Computing	CSE 32PAR
2	Software Security, Reliability and Testing	CSE 32SRT
2	Workload Analysis and File Structures	CSE 32WRK

The following subjects are available if the corresponding second year subjects have not been taken:

1	Database Systems	CSE 31DB
1	Data Communications and Networks	CSE 31NET
2	Computer Architecture	CSE 32ARC
2	Object Oriented Data Engineering	CSE 32ODE

#### Electives (30 credit points)

The remaining 30 credit points may be chosen from third-year subjects offered by any Department and may include further computer science subjects from the above list. (MIS3 is not permitted).

#### BACHELOR OF COMPUTER SYSTEMS ENGINEERING

This four year pass or honours course is fully accredited by the Institution of Engineers, Australia and the Australian Computer Society and was introduced in 1990 in response to needs expressed by the Government and the information industry for more graduates skilled in the design of large software systems, computer networking and computer architecture.

#### Articulation

Students who have completed the Bachelor of Technology (Computer Technology) may apply for entry to the third-year of this course.

#### Work experience

Students are required to complete at least 12 weeks of certified practical experience before being deemed to have completed the course. This work experience is usually undertaken during the annual vacation following the third year of the course.

#### Scholarships

First year Scholarships are available for high achieving students. Prospective candidates should contact the Department of Computer Science & Computer Engineering early in their Year 12 studies for details.

#### Course Structure

In the first and second years, students study a fixed combination of subjects in computer science and electronics, together with mathematics, computer systems, physics and engineering management. In the third and fourth years students may select from a range of subjects in software engineering – the design of large software systems and network engineering – the design and implementation of computer networks.

#### First year (125 credit points)

Sem.		Subject code	Credit Points
1	Engineering Physics	PHY11ENG	15
1	Introduction to Programming Using C++	CSE11IPC	15
1	Introductory Electronics	ELE11IEL	15
1	Mathematics for Engineering	MAT11EN	15
2	Basic Electronic Circuits	ELE12CCT	15
2	Engineering Management	ELE12EMT	5
2	Further Mathematics for Engineering	MAT12FEN	15
2	Object Oriented Programming Using C++	CSE12OOP	15
2	Systems Programming in C and UNIX	CSE12SYS	15

#### Second year (125 credit points)

1	Algorithms, Data Structures and Compilers	CSE21ADC	10
1	Data Communications and Networks	CSE21NET	10
1	Digital Circuits	ELE21DIG	10
1	Discrete Mathematics & Computer Organisation	CSE21DMO	15
1	Linear Algebra for Engineers	MAT21ELA	10
1	Systems Descriptions Techniques	CSE21SDT	10
2	Artificial Intelligence	CSE22AI	10
2	Digital Systems Design	ELE22DSO	10
2	Engineering Management	ELE22EMT	10
2	Mathematics Topics for Computer Science	MAT22MCS	10
2	Microprocessors and Assembly Language	CSE22MAL	10
2	Object Oriented Data Engineering	CSE22ODE	10

#### Third year (125 credit points)

Core subjects (95 credit points)

1	Applied Probability for Computer Systems Engineers	STA31PE	10
1	Database Systems	CSE31DB	10
1	Input/Output Device Interfacing	CSE31IDI	10
1	Marketing for Engineers and Leadership	ELE31MEL	5



1&2	Software Engineering Project	CSE30PRJ	30
2	Computer Architecture	CSE32ARC	10
2	LANs and WANS	CSE32LAN	10
2	Software Security, Reliability and Testing	CSE32SRT	10

#### Electives (30 credit points)

30 credit points of subjects chosen from the list below. All subjects are worth 10 credit points.

1	Fourth-Generation Languages	CSE31FGL	
1	Management Information Systems	CSE31MIS	
1	Numerical Computation	CSE31NC	
1	Protocols, Performance and Routing	CSE31PPR	
1	Software Techniques and Metrics	CSE31STM	
1	User Interface Engineering	CSE31UIE	
2	Advanced Computer Architecture	CSE32ACA	
2	Artificial Intelligence	CSE32AI	
2	Electronic design automation-tools and techniques	ELE32EDA	
2	Expert Systems	CSE32EXP	
2	Graphics Programming	CSE32GRA	
2	Multimedia Systems	CSE32MS	
2	Networks and Systems Security	CSE32NSS	
2	Operating Systems	CSE32OS	
2	Parallel Computing	CSE32PAR	
2	Workload Analysis and File Structures	CSE32WRK	

#### Fourth year

(125 credit points)

Core subjects (80 credit points):

1	Engineering Innovation and Business Strategies	ELE41EIB	5
1	Performance Analysis of Computer Systems	CSE41PCS	15
1&2	Thesis	CSE40THE	45
2	Software Engineering Project Management and Estimation	CSE42SPM	15

#### Electives (45 credit points)

45 credit points chosen from the list of subjects below: All subjects are worth 15 credit points.

1	Advanced Graphics	CSE41AGR	
1	Advanced Management Information Systems	CSE41AMI	
1	Advanced Topics in Computer Science 1	CSE41AT1	
1	Advanced Topics in Computer Science 2	CSE41AT2	
1	Artificial Intelligence	CSE41AI	
1	Compiler Construction	CSE41CMP	
1	Decision Support Systems	CSE41DSS	
1	Distributed Computing	CSE41DIS	
1	Multi-processor Systems	CSE41MPS	
1	Network Design and Network Management	CSE41NMN	
1	Neural Networks	CSE41NN	
1/2	Directed Study	CSE41DIR/42DIR	
2	Advanced Databases	CSE42ADB	
2	Advanced Topics in Computer Science 3	CSE42AT3	
2	Advanced Topics in Computer Science 4	CSE42AT4	
2	Advanced Topics in Computer Science 5	CSE42AT5	
2	Application Protocols	CSE42APP	
2	Concurrency	CSE42CON	
2	Data Mining (formerly CSE 42AKA)	CSE42DMI	
2	Mathematical Software	CSE42MTH	
2	Protocol and Network Engineering	CSE42PNE	
2	Real-time and Fault-tolerant Systems	CSE42RFS	
2	Software Quality and Reliability	CSE42SQR	
2	Software Tools and CASE	CSE42STC	
2	Specification Systems and Techniques	CSE42SST	
2	Testing and Diagnosis of Digital Systems	CSE42TDD	

#### Honours degree

Students completing the degree will have their degree awarded with honours provided they are accepted as honours candidates at the beginning of their final year based on their academic performance in third year.

#### BACHELOR OF COMPUTER SYSTEMS ENGINEERING (COMPUTER NETWORKS)

This new four-year pass or honours course is fully accredited by the Institution of Engineers, Australia. The course is introduced for the first time in 2000 in response to needs expressed by the Government and the information industry for more graduates skilled in the design of large software systems, computer networking and computer architecture. This course aims to train specialists who can provide a totally integrated solution for the design installation and operation of complex computer systems focussing on computer networks.

#### Articulation

Students who have completed the Bachelor of Technology (Computer Technology) may apply for entry to the third-year of this course.

#### Work experience

Students are required to complete at least 12 weeks of certified practical experience before being deemed to have completed the course. This work experience is usually undertaken during the annual vacation following the third year of the course.

#### Scholarships

First year Scholarships are available for high achieving students. Prospective candidates should contact the Department of Computer Science & Computer Engineering early in their Year 12 studies for details.

#### Course Structure

In the first and second years, students study a fixed combination of subjects in computer science and electronics, together with mathematics, computer systems, physics and engineering management. In the third and fourth years there is comprehensive specialisation in computer networks. A major industry-relevant project must be completed in third-year on a research project in the students' final year.

#### First year

(125 credit points)

Sem.		Subject code	Credit Points
1	Engineering Physics	PHY11ENG	15
1	Introduction to Programming Using C++	CSE11IPC	15
1	Introductory Electronics	ELE11IEL	15
1	Mathematics for Engineering	MAT11EN	15
2	Basic Electronic Circuits	ELE12CCT	15
2	Engineering Management	ELE12EMT	5
2	Further Mathematics for Engineering	MAT12FEN	15
2	Object Oriented Programming Using C++	CSE12OOP	15
2	Systems Programming in C and UNIX	CSE12SYS	15

#### Second year

(125 credit points)

1	Algorithms, Data Structures and Compilers	CSE21ADC	10
1	Data Communications and Networks	CSE21NET	10
1	Digital Circuits	ELE21DIG	10
1	Discrete Mathematics & Computer Organisation	CSE21DMO	15
1	Linear Algebra for Engineers	MAT21ELA	10
1	Systems Descriptions Techniques	CSE21SDT	10
2	Artificial Intelligence	CSE22AI	10
2	Digital Systems Design	ELE22DSD	10
2	Engineering Management	ELE22EMT	10
2	Mathematics Topics for Computer Science	MAT22MCS	10
2	Microprocessors and Assembly Language	CSE22MAL	10
2	Object Oriented Data Engineering	CSE22ODE	10

#### Third year

(125 credit points)

Core subjects (115 credit points)

1	Applied Probability for Computer Systems Engineers	STA31PE	10
1	Database Systems	CSE31DB	10
1	Input/Output Device Interfacing	CSE31IDI	10
1	Marketing for Engineers and Leadership	ELE31MEL	5
1	Protocols Performance and Routing	CSE31PPR	10
1&2	Software Engineering Project	CSE30PRJ	30
2	Computer Architecture	CSE32ARC	10
2	LANs and WANS	CSE32LAN	10
2	Networks and Systems Security	CSE32NSS	10
2	Software Security, Reliability and Testing	CSE32SRT	10

#### Elective (10 credit points)

One subject chosen from the list below. All subjects are worth 10 credit points.

1	Fourth-Generation Languages	CSE31FGL	
1	Management Information Systems	CSE31MIS	
1	Numerical Computation	CSE31NC	
1	Software Techniques and Metrics	CSE31STM	
1	User Interface Engineering	CSE31UIE	
2	Advanced Computer Architecture	CSE32ACA	

2	Artificial Intelligence	CSE32AI
2	Electronic Design Automation-tools and Techniques	ELE32EDA
2	Expert Systems	CSE32EXP
2	Graphics Programming	CSE32GRA
2	Multimedia Systems	CSE32MS
2	Operating Systems	CSE32OS
2	Parallel Computing	CSE32PAR
2	Workload Analysis and File Structures	CSE32WRK

#### Fourth year (125 credit points)

##### Core subjects (110 credit points)

1	Engineering Innovation and Business Strategies	ELE41EIB	5
1	Performance Analysis of Computer Systems	CSE41PCS	15
1&2	Thesis	CSE40THE	45
2	Application Protocols	CSE42APP	15
2	Protocol and Network Engineering	CSE42PNE	15
2	Software Engineering Project Management and Estimation	CSE42SPM	15

#### Electives (15 credit points)

One subject chosen from the list below. All subjects are worth 15 credit points.

1	Advanced Graphics	CSE41AGR
1	Advanced Management Systems	CSE41AMI
1	Advanced Topics in Computer Science 1	CSE41AT1
1	Advanced Topics in Computer Science 2	CSE41AT2
1	Artificial Intelligence	CSE41AI
1	Compiler Construction	CSE41CMP
1	Decision Support Systems	CSE41DSS
1	Directed Study	CSE41DIR/42DIR
1	Distributed Computing	CSE41DIS
1	Multi-processor Systems	CSE41MPS
1	Network Design and Network Management	CSE41NMN
1	Neural Networks	CSE41NN
2	Advanced Databases	CSE42ADB
2	Advanced Topics in Computer Science 3	CSE42AT3
2	Advanced Topics in Computer Science 4	CSE42AT4
2	Advanced Topics in Computer Science 5	CSE42AT5
2	Concurrency	CSE42CON
2	Data Mining	CSE42DMI
2	Mathematical Software	CSE42MTH
2	Real-time and Fault-tolerant Systems	CSE42RFS
2	Software Quality and Reliability	CSE42SQR
2	Software Tools and CASE	CSE42STC
2	Specification Systems and Techniques	CSE42SST
2	Testing and Diagnosis of Digital Systems	CSE42TDD

#### Honours degree

Students completing the degree will have their degree awarded with honours provided they are accepted as honours candidates at the beginning of their final year based on their academic performance in third year.

#### BACHELOR OF COMPUTER SYSTEMS ENGINEERING (SOFTWARE ENGINEERING)

This new four-year pass or honours course is fully accredited by the Institution of Engineers, Australia and is introduced for the first time in 2000. This course aims to train specialists who can provide a totally integrated operation of complex computer systems with a particular focus on software engineering.

#### Articulation

Students who have completed the Bachelor of Technology (Computer Technology) may apply for entry to the third-year of this course.

#### Work experience

Students are required to complete at least 12 weeks of certified practical experience before being deemed to have completed the course. This work experience is usually undertaken during the annual vacation following the third year of the course.

#### Scholarships

First year Scholarships are available for high achieving students. Prospective candidates should contact the Department of Computer Science & Computer Engineering early in their Year 12 studies for details.

#### Course Structure

In the first and second years, students study a fixed combination of subjects in computer science and electronics, together with mathematics, computer systems, physics and engineering management. A

major industry relevant project must be completed in third-year and a research project in fourth year. The course structure offers a comprehensive specialisation on software engineering in the final two years.

#### First year (125 credit points)

Sem.		Subject code	Credit Points
1	Engineering Physics	PHY11ENG	15
1	Introduction to Programming Using C++	CSE11IPC	15
1	Introductory Electronics	ELE11IEL	15
1	Mathematics for Engineering	MAT11EN	15
2	Basic Electronic Circuits	ELE12CCT	15
2	Engineering Management	ELE12EMT	5
2	Further Mathematics for Engineering	MAT12FEN	15
2	Object Oriented Programming Using C++	CSE12OOP	15
2	Systems Programming in C and UNIX	CSE12SYS	15

#### Second year (125 credit points)

1	Algorithms, Data Structures and Compilers	CSE21ADC	10
1	Data Communications and Networks	CSE21NET	10
1	10 ITI igital Circuits	ELE21DIG	10
1	Discrete Mathematics & Computer Organisation	CSE21DMO	15
1	Linear Algebra for Engineers	MAT21ELA	10
1	Systems Descriptions Techniques	CSE21SDT	10
2	Artificial Intelligence	CSE22AI	10
2	Digital Systems Design	ELE22DSD	10
2	Engineering Management	ELE22EMT	10
2	Mathematics Topics for Computer Science	MAT22MCS	10
2	Microprocessors and Assembly Language	CSE22MAL	10
2	Object Oriented Data Engineering	CSE22ODE	10

#### Third year (125 credit points)

##### Core subjects (115 credit points)

1	Applied Probability for Computer Systems Engineers	STA31PE	10
1	Database Systems	CSE31DB	10
1	Input/Output Device Interfacing	CSE31IDI	10
1	Marketing for Engineers and Leadership	ELE31MEL	5
1	Software Techniques and Metrics	CSE31STM	10
1	User Interface Engineering	CSE31UIE	10
1&2	Software Engineering Project	CSE30PRJ	30
2	Computer Architecture	CSE32ARC	10
2	LANs and WANs	CSE32LAN	10
2	Software Security, Reliability and Testing	CSE32SRT	10

#### Elective (10 credit points)

one subject chosen from the list below. All subjects are worth 10 credit points

1	Fourth-Generation Languages	CSE31FGL
1	Management Information Systems	CSE31MIS
1	Numerical Computation	CSE31NC
1	Protocols, Performance and Routing	CSE31PPR
2	Advanced Computer Architecture	CSE32ACA
2	Artificial Intelligence	CSE32AI
2	Electronic design automation-tools and techniques	ELE32EDA
2	Expert Systems	CSE32EXP
2	Graphics Programming	CSE32GRA
2	Multimedia Systems	CSE32MS
2	Networks and Systems Security	CSE32NSS
2	Operating Systems	CSE32OS
2	Parallel Computing	CSE32PAR
2	Workload Analysis and File Structures	CSE32WRK

#### Fourth year (125 credit points)

##### Core subjects (110 credit points):

1	Engineering Innovation and Business Strategies	ELE41EIB	5
1	Performance Analysis of Computer Systems	CSE41PCS	15
1	Software Quality and Reliability	CSE41SQR	15

1&2 Thesis	CSE40THE	45
2 Software Engineering Project Management and Estimation	CSE42SPM	15
2 Software Tools and Case	CSE42STC	15

**Electives (15 credit points)**

one subject chosen from the list below. All subjects are worth 15 credit points.

1 Advanced Graphics	CSE41AGR
1 Advanced management Information Systems	CSE41AMI
1 Advanced Topics in Computer Science 1	CSE41AT1
1 Advanced Topics in Computer Science 2	CSE41AT2
1 Artificial Intelligence	CSE41AI
1 Compiler Construction	CSE41CMP
1 Decision Support Systems	CSE41DSS
1 Directed Study	CSE41DIR/42DIR
1 Distributed Computing	CSE41DIS
1 Multi-processor Systems	CSE41MPS
1 Network Design and Network Management	CSE41NMN
1 Neural Networks	CSE41NN
1 Specification Systems and Techniques	CSE41SST
2 Advanced Databases	CSE42ADB
2 Advanced Topics in Computer Science 3	CSE42AT3
2 Advanced Topics in Computer Science 4	CSE42AT4
2 Advanced Topics in Computer Science 5	CSE42AT5
2 Application Protocols	CSE42APP
2 Concurrency	CSE42CON
2 Data Mining (formerly CSE 42AKA)	CSE42DMI
2 Mathematical Software	CSE42MTH
2 Protocol and Network Engineering	CSE42PNE
2 Real-time and Fault-tolerant Systems	CSE42RFS
2 Testing and Diagnosis of Digital Systems	CSE42TDD

**Honours degree**

Students completing the degree will have their degree awarded with honours provided they are accepted as honours candidates at the beginning of their final year based on their academic performance in third year.

**BACHELOR OF ENGINEERING (ELECTRONICS)**

The Bachelor of Engineering (Electronics), which is fully accredited by the Institution of Engineers, Australia, is a four-year (pass and honours) course offering specialisations in biomedical, communication, electronic systems and optical engineering.

**Electronic systems engineering**

New developments in the field of electronics continue to appear at a dramatic rate. An immense amount of computing power can now be provided by microprocessor chips. The microprocessor has made an impact in nearly every aspect of our lives. Modern scientific and industrial instrumentation relies heavily on electronic techniques of measurement, storage, processing and display of information. Electronic control systems are an integral part of modern society in industrial, commercial and now domestic environments.

**Optical engineering**

The 21st century will be the age of photonics and optical engineering, where opto-electronics and light (photons) will replace electrons as the principal transmission carrier, as well as in some signal processing and sensing applications. Using optical engineering techniques, massive amounts of information (for example, telephone conversations, television signals and data communications) can be transmitted as light waves through an optical fibre that is thinner than a human hair. The main emphasis in the optical engineering specialisation is centred on fibre-optic systems and related optical devices.

**Biomedical engineering**

The provision of first-rate health care and the prevention of disease are priorities for the 21st century. Advances in medicine in recent years have been assisted by new technology, including advanced electronic applications. Biomedical engineers will be at the forefront of the rapidly expanding, high-technology provision of these health services, including such fields as patient monitoring systems for operating theatres and intensive care units, computerised medical imaging and monitoring, artificial organs and life-support systems, as well as all other aspects of technology applied to medicine.

**Communication engineering**

Rapid and extensive developments have been taking place in all aspects of telecommunications over the last few years. For example, mobile phones have become readily available, the introduction of optical fibres has improved long distance communications and the move to digital techniques has allowed many new features to be introduced to the

telephone network. Communications is now of great importance to organisations of all sizes and to all people. As a result, communications is now the fastest growing industry sector in the world.

**Work experience**

Students are required to complete at least 12 weeks of certified practical experience before being deemed to have completed the course. This work experience is usually undertaken during the annual vacation following the third year of the course.

**Scholarships**

First year scholarships are available for high achieving students. Prospective candidates should contact the Department of Electronic Engineering early in their Year 12 students for details.

**Entry with advanced standing**

Suitably qualified students, such as those with a Bachelor of Science degree with appropriate studies in electronics, mathematics and physics, may be granted advanced entry to the Bachelor of Engineering (Electronics) course, enabling them to complete the degree requirements in as little as two years. For further information, contact the Department of Electronic Engineering.

**Course structure**

The course consists of subjects with a total work value of 480 credit points, taken over four years. It is a fixed-content course, with the first two years common to all students and selection of specialised subjects in the third and fourth years. Students may elect to specialise in biomedical, communication, electronic systems or optical engineering. Practical work forms an important part of the course and is compulsory. The third and fourth years of the course comprise a common core, with specialty subjects taken according to the specialist stream chosen. The course comprises the following subjects:

**First year (120 credit points)**

Sem.	Subject code	Credit Points
1	Engineering Physics	PHY11ENG 15
1	Introduction to Programming Using C++	CSE11IPC 15
1	Introductory Electronics	ELE11IEL 15
1	Mathematics for Engineers	MAT11EN 15
2	Basic Electronic Circuits	ELE12CCT 15
2	Chemistry for Engineers	CHE12ENG 10
2	Elective (recommended subject is)	PHY 12MTR 5
2	Electronic Engineering Design Project	ELE12EDP 10
2	Engineering Management	ELE12EMT 5
2	Further Mathematics for Engineers	MAT12FEN 15

**Second year (120 credit points)**

1	Digital Circuits	ELE21DIG 10
1	Electrical Systems and Design	ELE21ESD 10
1	Linear Algebra for Engineering	MAT21ELA 10
1	Linear Circuits and Signals	ELE21LIN 10
1	Vector Calculus	MAT21AVC 10
1&2	Engineering Mechanics	PHY20MEC 10
1&2	Engineering Physics	PHY20ENG 10
2	Analog Circuits and Interfacing	ELE22ACI 10
2	Circuit Design Project	ELE22CDP 10
2	Engineering Management	ELE22EMT 10
2	Microprocessors	ELE22MIC 10
2	Partial Differential Equations	MAT22APD 10

**Third year (120 credit points)****Core subjects (90 credit points)**

1	Analog Circuits and Devices	ELE31ACD 10
1	Communication Systems	ELE31COM 10
1	Complex Analysis	MAT31ACZ 10
1	Control Systems	ELE31CTL 10
1	Engineering Management	ELE31EMT 10
2	Digital Signal Processing	ELE32DSP 10
2	Electronic Design Automation	ELE32EDA 10
2	RF, Microwave and Optical Transmission	ELE32RMO 10

plus

1/2	One approved third year mathematics or statistics subject	(MAT32ALP is recommended) 10
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**Speciality project (10 credit points)**

Students will choose one of the following four project subjects according to the stream or speciality that they are taking. All subjects are worth 10 credit points.

Biomedical Engineering Project	ELE32BMP
Communications Engineering Project	ELE32CMP

Electronic Systems Engineering Project	ELE32ESP
Optical Engineering Project	ELE32OPP

**Speciality options (20 credit points)**

Students choose two additional electronic engineering options with a total of 20 credit points. One of the options is defined by the stream being studied, except for biomedical engineering students, who must take both ELE 31BME and ELE 32INS. All subjects are worth 10 credit points. Therefore, students choose:

Biomedical Engineering	ELE31BME
or	
Embedded Processors	ELE31EMP
and either	
Instrumentation and Sensors	ELE32INS
or	
Telecommunication devices, circuits and systems	ELE32TEL

**Fourth year (120 credit points)**

Core subjects (70 credit points)

1 Applied Management for Engineers	ELE41EMT	10
1 Design for Production	ELE41DES	10
1&2 Engineering Project	ELE40ENP	50

**Electives (50 credit points)**

Students choose five additional subjects from the following, in keeping with their chosen stream. All subjects are worth 10 credit points.

First Semester	Subject code
Advanced Analog Electronics	ELE41AAE
Advanced Digital Design	ELE41ADD
Advanced Signal Processing	ELE41ASP
Advanced Topics A	ELE41ATA
Biomedical Engineering	ELE41BME
Directed Study	ELE41DIR/
42DIR	
Optical Fibre Communication Systems	ELE41OFC
Reconfigurable Computing Hardware	ELE41RCH
RF Design	ELE41RFD

**Second Semester**

Advanced Communication Systems	ELE42ACS
Advanced Topics B	ELE42ATB
Antennas and Propagation	ELE42ANT
Clinical Engineering	ELE42CLN
Communication Networks	ELE42NET
Digital Control Theory	ELE42DCT
Image Processing and Coding	ELE42IPC
Optical Fibre Sensors	ELE42OFS

The optional subjects offered may vary from year to year according to staff availability and student demand. Not every subject listed will be available. Details of the subjects available and the semester in which they will run, will be finalised in February of each year.

Enrolment in ELE 41/ ELE 42DIR requires the approval of the Bachelor of Engineering (Electronics) Course Adviser.

**BACHELOR OF ENVIRONMENTAL SCIENCE**

This interdisciplinary degree is based in the physical sciences and addresses environmental problems related to air, water, land and energy.

The course is broadly based requiring a good grounding in chemistry, geology, mathematics and physics. A biology component is included in second year.

The course aims to develop a wide knowledge base, a multi-disciplinary view of environmental problems, a critical assessment of scientific information, skills in the analysis of problems and an ability to report on environmental problems.

The course focuses on current environmental issues, such as air pollution, water pollution, waste disposal, soil degradation, salination, greenhouse and ozone depletion and teaches the science related to these issues.

Seminar, workshop and project components are included in second and third year and provide vehicles for application of the science in the courses and a stimulus for wider investigation. They also encourage the development of skills required to work as an environmental scientist.

**Course structure**

Students must enrol in the zero credit point subject *FSTOOELP* (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

**First year (120 credit points)**

Sem.	Subject code	Credit Points
1	Calculus, Functions and Number Systems	MAT11CFN 15

1	General Principles of Chemistry	CHE11GEN	15
1	Physical Aspects of the Environment A	PHY11PAA	15
1	The Dynamic Earth	GEO11DYN	15
2	Applications of Chemistry	CHE12APL	15
2	Calculus and Linear Algebra	MAT12CLA	15
2	Earth Environments and Resources	GEO12ERS	15
2	Physical Aspects of the Environment B	PHY12PAB	15

**Second year (120 credit points)**

Core subjects (40 credit points)

For admission to second year, students would normally be expected to have completed the subjects prescribed for first year. Students wishing to transfer to this course are required to have completed subjects in chemistry, geology, mathematics and physics with a C average.

1	Animal Diversity, Ecology and Behaviour	BIO11AD	15
or			
1	Plant Science	B102PS	15
and			
1	Statistics for Life Science	STA11LS	15
1&2	Environmental Science	ENV20ENV	10

**Electives (80 credit points)**

A minimum of 40 additional credit points must be selected from the second year units below, though students would normally be required to complete at least two of ENV22AIR, CHE22CWQ and AGR21SS. A further 40 credit points can be selected from the units below or from other second year science subjects. Enrolment in subjects not listed below must be approved by the Course Adviser.

Chemistry of Water Quality	CHE22CWQ	15
Environmental Geoscience - Water and Hazards	GEO21EGW	20
Introduction to Atmospheric Science	ENV22AIR	20
Mathematical Modelling of Environmental Processes	MAT22ENV	10
Measuring Environmental Processes	ENV22MEP	15
Soil Science	AGR21SS	20

**Third year (120 credit points)**

Core subject (10 credit points)

Environmental Science	ENV30ENV	10
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**Electives (110 credit points)**

Students must select subjects to the value of 80 credit points from those listed below. The remaining 30 credit points may be chosen from subjects in the list not already taken or from other third-year Science subjects.

Advanced Environmental Analytic Chemistry	CHE30EAC	10
Animal Ecology	ZOO21AE	10
Chemistry of Local Atmospheric Pollution	CHE31LAP	10
Entomology	ZOO21ENT	10
Environmental Geoscience - Landscape & Climate Change	GEO32EGL	10
Environmental Geoscience - Remote Sensing and GIS	GEO32EGR	10
Environmental Geoscience - Water and Hazards	GEO31EGW	20
Greenhouse Effect and Climate Change	PHY32GRE	10
Industrial Chemistry and Cleaner Production	CHE32CLP	10
Ozone in the Stratosphere	ENV31SOZ	10
Plant Ecology	BOT22PE	10
Remote Sensing	PHY32REM	10
Soil Science	AGR32SS	20
Water Resource Management	ENV31WRM	10

**Honours year**

Students who satisfy the requirements for honours entry are eligible for the honours programs offered by the Departments involved in the undergraduate course. Namely, Agriculture, Chemistry, Geology, Physics or Mathematics. Those students who wish to undertake cross disciplinary course-work will be permitted to do so with the permission of the Course Adviser. The possibility of supervision across the disciplines also exists. All Environmental Science Honours programs must be approved by the Honours coordinator in the particular discipline and the Environmental Science Course Adviser.

**Bachelor of Information Systems**

This course is designed to place a strong emphasis on the management of information systems, including the design and use of software and applications in business organisations.

It is a three year, full time (or equivalent part-time) program, which also gives students the opportunity to select a variety of subjects from other areas of science, economics and commerce, arts or the humanities. The honours program requires a further year of study. Graduates are eligible for professional membership of the Australian Computer Society.

### Course structure

In first year, students are required to take subjects from a list of core and recommended subjects from within the disciplines of computer science, information systems and statistics. Optional subjects from other disciplines offered by the University are also available. In second and third years, the course concentrates on computer science and information systems, together with optional subjects from other disciplines.

#### First year (120 credit points)

##### Core subjects (60 credit points)

Sem. points		Subject code	Credit
1	Discrete Mathematics	MAT11DM	15
1	Information Systems	CSE 11IS	15
1	Introduction to Programming Using C++	CSE 11IPC	15
2	Object Oriented Programming Using C++	CSE12OOP	15

##### Electives (60 credit points)

The remaining 60 credit points may be chosen from first year subjects offered by any Department, subject to meeting the prerequisites for those subjects. It is recommended that students with the appropriate prerequisites include MAT11CFN and STA12SS among their electives. Common choices also include subjects offered by the School of Business. The subjects MIS1, MANC1A and PHY11NTM are not permitted.

#### Second year (120 credit points)

##### Core subjects (70 credit points)

1	Algorithms, Data Structures and Compilers	CSE21ADC	10
1	Data Communications and Networks	CSE21NET	10
1	Database Systems	CSE21DB	10
1	System Description Techniques	CSE21SDT	10
2	Artificial Intelligence	CSE22AI	10
2	Introduction to Professional Communication	CSE22COM	10
2	Object Oriented Data Engineering	CSE22ODE	10

##### Electives (50 credit points)

The remaining 50 credit points may be chosen from any second year subjects offered by any Department for which the prerequisites are satisfied, with the provision that no more than 80 credit points in total may be taken from computer science subjects. The subject MIS2 is not permitted.

#### Third year (120 credit points)

##### Core subjects (80 credit points)

1	Fourth-Generation Languages	CSE31FGL	10
1	Management Information Systems	CSE31MIS	10
1	User Interface Engineering	CSE31UIE	10
1&2	Software Engineering Project	CSE30PRJ	30
2	Multimedia Systems	CSE32MS	10
2	Workload Analysis and File Structures	CSE32WRK	10

##### Electives (40 credit points)

The remaining 40 credit points may be chosen from any third year subjects offered by any Department, including third year computer science subjects not already taken. Students should check with the Department regarding the availability of subjects and subject requirements. The subject MIS3 is not permitted.

## BACHELOR OF SCIENCE (ANIMAL SCIENCE)

### Degree requirements

The course is designed to attract students who wish to focus on animal issues, including health and welfare, ecology and behaviour, genetics and biotechnology in a professional degree course. The degree will produce graduates who can obtain employment in animal research, agricultural industries, animal care and welfare, biotechnology industries and the animal health industry. In addition, an animal science degree should allow a student with suitable grades to be eligible for entry into a veterinary science degree. The provision of electives allows a choice of at least four areas of interest within the course, including:

- animal ecology and behaviour
- animal genetics
- animal health
- animal biotechnology

### Course structure

The course requires three years of full time study, or the equivalent of part-time study. In all years students may follow their particular interests by combining optional subjects with their core subjects. Students should select elective subjects carefully to make sure that prerequisites for later year subjects are met.

\*Those students wishing to be eligible for entry to the second year of the veterinary science course at The University of Melbourne must take a full year of physics, (preferably Principles of Physics (PHY10SCI) and Plant Science (BIO12PS), instead of the two starred subjects (PHY12AGR and AGR11ANS) and the elective subject.

Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

#### First year (120 credit points)

##### Core subjects (105 credit points)

Sem.		Subject code	Credit points
1	Animal Diversity, Ecology and Behaviour	BIO11AD	15
1	Animal Systems	AGR11ANS	15*
1	Organisation and Function of Cells and Organisms	BIO11OF	15
2	Applications of Chemistry	CHE12APL	15

#### Choose one first semester chemistry subject:

either

1	Basic Chemistry	CHE11BAS	15
or	General Principles of Chemistry	CHE11GEN	15

#### Choose one physics subject:

either

1&2	Principles of Physics	PHY10SCI	30
or	Physics for Agriculture and Life Sciences	PHY12AGR	15*

#### Choose one second semester genetics subject:

either

2	Genetics, Human Biology and Evolution	BIO12GEN	15
or	Agricultural Genetics	BIO12AGG	15

#### Elective (15 credit points)

	Mathematics and Computing for Biology	MAT12MCB	15
or	Another second semester subject approved by the Course Adviser		15

#### Second year (120 credit points)

##### Core subjects (100 credit points)

1	Animal Ecology	ZOO21AE	10
1	Entomology	ZOO21ENT	10
2	Animal Nutrition	AGR32ANN	20

choose either

1	Molecular and General Genetics	GEV21MGG	20
or	Proteins, Enzymes and Metabolism	BCH21PEM	20

choose either

1	Animal Protection	AGR31ANP	20
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or

1	Introductory Microbiology	MIC21IM	20
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choose either

2	Physiology of Domestic Animals	AGR22PDA	20
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or

2	Vertebrate Morphology Evolution and Comparative Physiology	ZOO22VMP	20
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#### Elective (20 credit points)

BCH22RGE, GEV22ECG, MIC22MM or any other second semester subject approved by the Course Adviser

#### Third year (120 credit points)

##### Core subjects (60 credit points)

1	Zoology	ZOO31A	30
2	Animals and Mankind	AGR32ANM	30

**Electives (60 credit points)**

BCH31MMB, BCH32MCB, GEV31MGG, GEV32ECG, MIC31AMM, MIC32EPM, ZOO32B or any other third-year subject approved by the Course Adviser.

**Honours**

Students achieving an average mark of 65% or more in relevant subjects worth at least 60 credit points in third year are eligible for entry to an honours year. This may be undertaken in any of the Departments which teach core subjects in the degree or in the Department of Genetics, depending on the subjects taken in third year. The honours program will be that of the host school or a combination of studies from different schools to allow cross discipline specialisations. Cross-discipline studies must conform to the Faculty guidelines for honours studies and will be jointly supervised by each of the Departments involved.

**BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES**

The first year of this degree is also offered at the Albury/Wodonga campus - see below for this entry.

**Degree requirements**

The pass degree consists of subjects with a total work value of 360 credit points and should be taken over a period of not less than three years. Students must complete subjects with a total value of at least 120 credit points in each of the first, second and third years of study, with a minimum of 60, 80 and 60 credit points from subjects offered by the biological science Departments (Biochemistry, Botany, Genetics, Microbiology and Zoology) in first, second and third year, respectively. Students may enrol in up to 130 credit points per year without special permission from the Course Adviser.

**Course structure**

The approval of an adviser of studies is required for enrolment in each second and third year subject in the biological science Departments. Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

The first year consists of:

- 60 credit points of biology (see Core subjects below),
- 30 credit points from the Faculty of Science, Technology and Engineering (including at least 15 credit points of chemistry; see Core subjects below) and
- 30 credit points from other subjects (see Other subjects below)

**First year (120 credit points)**

Core subjects (75 credit points)

Sem.	Subject code	Credit Points
1	Animal Diversity, Ecology and Behaviour	BIO11AD 15
1	Organisation and Function of Cells & Organisms	BIO11OF 15
and either		
1	Basic Chemistry	CHE11BAS 15
or		
1	General Principles of Chemistry	CHE11GEN 15
2	Genetics, Human Biology and Evolution	BIO12GEN 15
2	Plant Science	BIO12PS 15

**Other subjects (45 credit points)**

The remaining 45 credit points may be selected from other subjects offered by the Faculty or, with the approval of the course adviser, from subjects offered by other faculties, but must include at least one 15 credit point Science subject.

**Recommended subjects include:**

(Please note: some subject combinations are not possible because of planned timetable clashes. Other subjects have prerequisite requirements; these requirements are listed under the description for each subject and should be checked carefully). With the exception of Principles of Physics which is worth 30, all subjects are worth 15 credit points.

Applications of Chemistry <sup>1</sup>	CHE12APL
Astronomy and Space: The Infinite Frontier	PHY12AST
Basic Electronics Circuits	ELE12CCT
Calculus, Functions and Number Systems	MAT11CFN
Calculus and Linear Algebra	MAT12CLA
Discovering Archaeology	AR1A
Discrete Mathematics	MAT11DM

Earth Environments and Resources	GEO12ERS
Environmental Problems in the Physical World	FST12ENV
Excavating Australia	AR1B
Knowledge, Existence and Truth	P1KET
Information Systems	CSE11IS
Introduction to Programming Using C++	CSE11IPC
Introduction to Sociology; Self and Community	SIS1
Introduction to Sociology; Australia and Beyond	SIS2
Introduction to Anthropology	A1A1
Introduction to Anthropology	A1A2
Introductory Electronics	ELE11IEL
Mind and Value	P1MV
Mathematics and Computing for Biology	MAT12MCB
Object Oriented Programming	CSE12OOP
Philosophy and Astronomy	P1PA
Philosophy and Biology	P1PB
Physical Aspects of the Environment A	PHY11PAA
Physical Aspects of the Environment B	PHY12PAB
Physics for Agriculture and Life Sciences	PHY12AGR
Principles of Physics	PHY10SCI
Psychology A <sup>2</sup>	PSY11PYA
Psychology B <sup>2</sup>	PSY12PYB
Statistics for Life Sciences	STA11LS/
12LS	
Statistical Science	STA12SS
The Archaeology of Ancient Civilisations	AR1C
The Dynamic Earth	GEO11DYN

Key: <sup>1</sup> In order to proceed to second year biochemistry or soil science, students must take CHE12APL in addition to either CHE11GEN or CHE11BAS. <sup>2</sup> Enrolment in PSY11PYA and PSY12PYB is subject to students achieving the minimum ENTER required for entry into the Bachelor of Behavioural Science program. There is a quota for this subject - consult an adviser of studies in the School of Psychological Science.

The second year consists of:

- 80 credit points of biology (from the Core subjects listed below) and
- 40 credit points from other subjects or further biology subjects (see Other subjects below).

Students must choose subjects to the value of 80 credit points from the list below. Unless a clearly defined three year program of study has been organised, it is highly recommended that students complete a full year of study in at least two biological science disciplines in order to ensure flexibility of subject choice at the third year level. No more than 40 credit points can be taken from any biological science discipline area.

**Second year (120 credit points)**

Core subjects (80 credit points)

Sem.	Subject code	Credit Points
1	Animal Ecology <sup>1</sup>	ZOO21AE 10
1	Developmental Biology and Physiology of Plants	BOT21DP 20
1	Entomology <sup>1</sup>	ZOO21ENT 10
1	Introductory Microbiology	MIC21IM 20
1	Molecular Genetics and Genome Organisation	GEV21MGG 20
1	Proteins, Enzymes and Metabolism	BCH21PEM 20
2	Cellular Regulation and Gene Expression	BCH22RGE 20
2	Comparative Physiology	ZOO22VMP 20
2	Ecological Genetics	GEV22ECG 20
2	Ecology and Systematics	BOT22ES 20
2	Human Biology and Anthropological Genetics	HUG22HUM 20
2	Medical Microbiology	MIC22MM 20
2	Vertebrate Morphology Evolution	

Key: Linked subjects, normally taken together.

**Other subjects (40 credit points)**

The remaining 40 credit points must be selected from the above core subjects or from other second year subjects in the Faculty of Science, Technology and Engineering or, with the approval of the Course Adviser, from second year subjects offered by other faculties.

Recommended subjects include:

Anatomy: Lower Limb	HB21ALL	20
Anatomy: Trunk and Upper Limb	HB22ATL	20
Behavioural Neurosciences 2	PSY20BN	40
Biostatistics	STA22BS	20
Chemistry of Water Quality	CHE22CWQ	15
Developments in Chemistry	CHE22DEV	20
Earth Materials	GEO20EMA	40
Fundamentals of Chemistry	CHE21FND	20



Human Physiology A	HB21HPA	20
Human Physiology B	HB22HPB	20
Introduction to Atmospheric Science	ENV22AIR	20
Issues in Conservation	COB21IC	20
Mathematical Modelling and Environmental Processes	MAT22ENV	10
Measuring Environmental Processes	ENV22MEP	15
Plant Physiology and Nutrition <sup>1</sup>	AGR21PPN	20
Physiology of Domestic Animals	AGR22PDA	20
Principles of Nutrition	AGR21PNU	20
Psychology A	PSY21PYA	20
Psychology B	PSY22PYB	20
Soil Science	AGR21SS	20
Statistics for Life Sciences	STA21LS	20
Topics in Psychology	PSY20TOP	20

Key: <sup>1</sup> Incompatible with BOT21DP.

The third year consists of:

- 60 credit points of biology chosen from subjects offered by Departments in the biological sciences (see Core subjects below) and
- 60 credit points from other subjects or additional biology subjects, provided that no more than 60 credit points are taken from any biological science discipline area. All subjects are worth 30 credit points.

### Third year (120 credit points)

Core subjects (60 credit points)

Sem.	Subject code
1	Advanced Medical Microbiology and Molecular Mutagenesis MIC31AMM
1	Biological Macromolecules and Molecular Biology BCH31MMB
1	Field and Environmental Botany BOT31FEB
1	Molecular Genetics, Genome Organisation, Function and Evolution GEV31MGG
1	Zoology ZOO31A
2	Ecological and Conservation Genetics GEV32ECG
2	Ecology, Systematics and Evolution BOT32ESE
2	Environmental Microbiology, Plasmid Biology and Microbial Cell Biology MIC32EPM
2	Human Biology and Anthropological Genetics HUG32HUM
2	Molecular Cell Biology BCH32MCB
2	Plant Biotechnology BOT32PB
2	Zoology ZOO32B

### Other subjects (60 credit points)

The remaining 60 credit points must be selected from the above core subjects or from other third year subjects in the Faculty of Science, Technology and Engineering or, with the approval of the course adviser, from third year subjects offered by other faculties.

### Programs of study

Most students in biological sciences choose two major areas of study from the five subject areas available. For those who wish to tailor their courses in particular directions, the following table is designed to assist students planning their course of study at second and third year levels. Listed below are programs of study available with suitable combinations of subjects from the biological science Departments. Honours courses relevant to these programs are available in each of the five biology Departments. Some subjects at second and third year levels have prerequisites. Subjects with one prerequisite are marked <sup>1</sup> and subjects with more than one prerequisite are marked <sup>2</sup>. You should carefully check prerequisites when planning your course of study.

### Ecology

To undertake a program of study in the area of ecology, students enrol in:

Second year		Third year	
Sem. I.	Sem. II.	Sem. I.	Sem. II.
ZOO21AE <sup>1</sup> and ZOO21ENT <sup>2</sup> BOT21DP <sup>2</sup> MIC21IM <sup>1</sup>	Choose three of GEV22ECG <sup>1</sup> BOT22ES <sup>1</sup>  MIC22MM <sup>2</sup> ZOO22VMP <sup>2</sup>	BOT 1FEB <sup>1</sup> ZOO31A <sup>1</sup>	Choose two of BOT32ESE <sup>1</sup> ZOO32B <sup>1</sup> (E stream) GEV32ECG <sup>1</sup>

### Human biology

To undertake a program of study in the area of human biology, students enrol in:

Second year		Third year	
Sem. I.	Sem. II.	Sem. I.	Sem. II.
BCH21PEM <sup>2</sup> GEV21MGG <sup>1</sup> MIC21IM <sup>1</sup>	Choose three of BCH22RGE <sup>2</sup> HUG22HUM <sup>1</sup> MIC22MM <sup>2</sup> ZOO22VMP <sup>1</sup>	Choose two of BCH31MMB <sup>2</sup> GEV31MGG <sup>2</sup> MIC31AMM <sup>2</sup> ZOO31A <sup>1</sup> (P stream)	Choose two of BCH32MCB <sup>2</sup> HUG32HUM <sup>1</sup> MIC32EPM <sup>2</sup> ZOO32B <sup>1</sup> (P stream)

Note: Third year Zoology components are chosen from the Physiology stream.

### Cell and molecular biology

To undertake a program of study in the area of cell and molecular biology, students enrol in:

Second year		Third year	
Sem. I.	Sem. II.	Sem. I.	Sem. II.
Choose three of BCH21PEM <sup>2</sup> BOT21DP <sup>2</sup> GEV21MGG <sup>1</sup> MIC21IM <sup>1</sup>	Choose three of BCH22RGE <sup>2</sup> GEV22ECG <sup>1</sup> or HUG22HUM <sup>1</sup> MIC22MM <sup>1</sup> ZOO22VMP	Choose two of BCH31MMB <sup>2</sup> GEV31MGG <sup>1</sup> MIC31AMM <sup>2</sup> ZOO31A <sup>1</sup> (P stream)	Choose two of BCH32MCB <sup>2</sup> BOT32PB <sup>1</sup> MIC32EPM <sup>2</sup> ZOO32B <sup>1</sup> (P stream)

### BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES -

#### ALBURY/WODONGA

Only the first year of the Bachelor of Science in Biological Sciences is offered at the Albury/Wodonga campus.

### Degree requirements

The pass degree consists of subjects with a value of 120 credit points at each year level. On completion of the first year of study, students must transfer to the Bundoor campus to complete the course. There is a wide range of subjects available at second and third year levels from which students may choose an area of specialisation. The following first year subjects will be offered at the Albury/Wodonga campus in 2000. Subject details, class requirements, assessment and reading lists are available from the Department of Environmental Management and Ecology. All subjects are worth 15 credit points.

Sem.	Subject code
1	Animal Diversity, Ecology and Behaviour WBI11AD
1	Applications of Chemistry WCH12APL
1	Basic Chemistry WCH11BAS
1	Calculus, Functions and Number Systems WMA11CFN
1	Calculus and Linear Algebra WMA12CLA
1	General Principles of Chemistry WCH11GEN
1	Genetics, Human Biology and Evolution WBI12GEN
1	Organisation and Function of Cells and Organisms WBI11OF
1	Physical Aspects of the Environment A WPH11PAA
1	The Dynamic Earth WGE11DYN
2	Earth Environments and Resources WGE12ERS
2	Physical Aspects of the Environment B WPH12PAB
2	Plant Science WBI12PS
2	Statistics for Life Sciences WST12LS

Students may choose other optional subjects including psychology and sociology.

### Subject descriptions

For the location of the full description of the above subjects see the *Index of subjects* at the end of this Handbook.

### BACHELOR OF SCIENCE (BIOTECHNOLOGY AND CELL BIOLOGY)

### Degree requirements

Biotechnology is the use or manipulation of living organisms or their components to perform tasks of practical benefit. It is making important contributions to medicine, waste technology, agriculture, food technology and renewable resources technology.

The aim of the degree program is to:

- provide students with a multi-disciplinary education in biotechnology and cell biology based on the core subjects of biochemistry, botany, chemistry, genetics, microbiology and zoology.
- lead to employment in industry and government and
- provide a basis for postgraduate studies in any of the core disciplines covered in the course.

### Seminar program

#### First and Second Year:

Students are required to attend a meeting and a seminar each month of the semester. Seminar speakers are drawn from external bodies so as to present perspectives not otherwise strongly developed in the main course and to discuss applications of concepts in the course.

### Course structure

The course requires three years of full time study, or the equivalent part-time study.

Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

**First year (120 credit points)***Core subjects (105 credit points)*

Sem.		Subject code	Credit points
1	Animal Diversity, Ecology and Behaviour	BIO11AD	15
1	Organisation and Function of Cells & Organisms	BIO11OF	15

**Choose one first semester Chemistry subject***either*

1	Basic Chemistry	CHE11BAS	15
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*or*

1	General Principles of Chemistry	CHE11GEN	15
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*and*

2	Application of Chemistry	CHE12APL	15
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2	Genetics, Human Biology and Evolution	BIO12GEN	15
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2	Plant Science	BIO12PS	15
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*plus either*

2	Mathematics and Computing for Biology	MAT12MCB	15
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*or*

2	Statistics for Life Sciences	STA11LS	15
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**Other subjects (15 credit points)**

The remaining 15 credit points may be selected from other subjects offered by the Faculty or, with the approval of the Course Adviser, from subjects offered by other faculties.

**Second year (120 credit points)**

Students must choose six subjects to the value of 120 credit points from the list below. Unless a clearly defined three-year program of study has been organised, it is highly recommended that students complete a full year of study in at least two disciplines in order to ensure flexibility of subject choice at the third year level. Any variation from the subjects listed below requires the approval of the course adviser.

Sem.		Subject code	Credit points
1	Developmental Biology and Physiology of Plants	BOT21DP	20
1	Fundamentals of Chemistry	CHE21FND	20
1	Introductory Microbiology	MIC21IM	20
1	Molecular Genetics and Genome Organisation	GEV21MGG	20
1	Proteins, Enzymes and Metabolism	BCH21PEM	20
2	Cellular Regulation and Gene Expression	BCH22RGE	20
2	Developments in Chemistry	CHE22DEV	20

**Choose one first semester Chemistry subject***either*

2	Ecological Genetics	GEV22ECG	20
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*or*

2	Human Biology and Anthropological Genetics	HUG22HUM	20
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*plus*

2	Medical Microbiology	MIC22MM	20
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2	Vertebrate Morphology		
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2	Evolution and Comparative Physiology	ZOO22VMP	20
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**Third year (120 credit points)***Students must choose subjects to the value of 120 credit points from:*

1	Advanced Medical Microbiology & Molecular Mutagenesis	MIC31AMM	30
1	Biological Macromolecules and Molecular Biology	BCH31MMB	30
1	Molecular Genetics, Genome Organisation, Function and Evolution	GEV31MGG	30
1&2	Advanced Chemistry	CHE30ADV	60
2	Environmental Microbiology, Plasmid and Microbial Cell Biology	MIC32EPM	30
2	Molecular Cell Biology	BCH32MCB	30
2	Plant Biotechnology	BOT32PB	30
2	Zoology (physiology components only)	ZOO32B	30

**Honours degree**

Students achieving an average mark of 65% or more in relevant third year subjects constituting at least 60 credit points, are eligible to continue to an inter-disciplinary honours year in biotechnology and cell biology, or in appropriate Departments according to the subjects taken in third year.

**BACHELOR OF SCIENCE (CHEMICAL SCIENCES)**

This course will produce graduates trained in areas relevant to the needs of the chemical industry in Australia. It provides students with a modern education in Chemistry and skills in areas where there is a high demand from industry, e.g., analytical chemistry, surface science and the synthesis of biologically active organic compounds. Consultation with industry confirms that there is a continuing demand for well qualified chemistry graduates, particularly at the honours level.

The course is accredited by the Royal Australian Chemical Institute.

Accreditation means that it is an acceptable qualification for membership of the Institute often required by employers.

**Course structure**

To qualify for the degree, students must complete subjects to the value of 120 credit points per year. The course is defined in terms of credit point requirements at each year level, making it available University wide where there are appropriate subjects offered. Credit will be granted for equivalent subjects at all campuses and students are able to take courses at the Bundoora campus when equivalent subjects are not available at other campuses.

*Students must enrol in the zero credit point subject FSTOOELP*

*(English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).*

The table below summarises the credit point requirements.

Year level	Chemistry	Science subjects	Other subjects	Total
1	30	60 - 90 <sup>1</sup>	0 - 30	120
2	60	20 - 60	0 - 40	120
3	60 - 120	0 - 60	0 - 40	120

Key: <sup>1</sup> Including 15 credit points of mathematics or physics subjects.

**First year (120 credit points)***Core subjects (30 credit points)*

Sem.		Subject code	Credit points
<b>Choose one first semester and one second semester Chemistry subject</b>			
1	Basic Chemistry	CHE11BAS	15
<i>or</i>			
1	General Principles of Chemistry	CHE11GEN	15
<i>and</i>			
2	Applications of Chemistry	CHE12APL	15

**Electives (90 credit points)**

Students must choose first year science subjects to the value of 60 points, including at least 15 credit points of mathematics or physics subjects. The remaining 30 credit points may be chosen from first year subjects offered by any faculty.

**Second year (120 credit points)***Core subjects (60 credit points)*

1	Fundamentals of Chemistry	CHE21FND	20
2	Chemistry in the Real World	CHE22RWD	20
2	Developments in Chemistry	CHE22DEV	20

**Electives (60 credit points)**

Students must choose second year science subjects to the value of 20 points. The remaining 40 points may be chosen from second year subjects offered by any faculty.

**Third year (120 credit points)***Core subjects (60 credit points)*

1&2	Advanced Chemistry	CHE30ADV	60
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**Electives (60 credit points)**

Specialist Chemistry	CHE30SPE	60
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*or*

Third year subjects to the value of 60 points including at least 20 points of third-year science.

**Honours degree**

Honours degree students are selected on the basis of their performance in the final year of the pass degree course. Students must obtain a minimum average of 60% across all of their third year subjects and obtain at least 65% in chemistry subjects to the value of 60 credit points. It may be possible to arrange for a student in the honours year to undertake a chemical project jointly with other Departments in the Faculty.

**BACHELOR OF SCIENCE IN COGNITIVE SCIENCE**

This degree is being phased out and no new enrolments or transfers have been permitted since 1998. Students interested in computer science and cognitive science should consider the new double degree

program Bachelor of Computer Science/Bachelor of Cognitive Science. Students currently enrolled in the Bachelor of Science (Cognitive Science) who wish to transfer to the new double degree should see the course adviser or the Faculty Office for course and subject advice. Approval to transfer will depend on the subjects completed and the performance level in those subjects.

### BACHELOR OF SCIENCE IN COMPUTING AND ACCOUNTING

This course is being phased out. No new enrolments or transfers into the course have been permitted since 1996. Students interested in computing and accounting should consider the double-degree, Bachelor of Computer Science/Bachelor of Commerce. Students currently enrolled in the Bachelor of Science in Computing and Accounting who wish to transfer to that double-degree course should see the course adviser or a member of staff of the Faculty Office for course and subject advice.

### BACHELOR OF SCIENCE (CONSERVATION BIOLOGY AND ECOLOGY)

Under the influence of the biodiversity crisis, the discipline of conservation biology and ecology has developed into an important field of study, drawing material from all areas of biology and from economics, law and management and with its own conceptual and theoretical strengths. The aim of the degree program is therefore to:

- provide students with a multi-disciplinary education in conservation biology and ecology based on the core subject of botany, genetics, microbiology, and zoology, plus appropriate areas from mathematics and statistics, management, economics, and law and
- lead to employment in conservation-based positions in local, state and federal government and in research in biology generally and
- provide a degree leading to postgraduate studies in any of the core disciplines covered in the course.

#### Seminar program

Students are required to attend a meeting and a seminar each month of the semester. The seminar speakers are drawn so as to present perspectives not otherwise strongly developed in the main course and to discuss applications of concepts in the course.

#### Course structure

The course requires three years of full time study, or the equivalent in part-time enrolment. In all years, students have freedom to follow their particular interests by the choice of optional subjects to combine with their core subjects. Students should select subjects carefully to make sure that prerequisites for later year subjects are met.

*Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).*

#### First year (120 credit points)

Core subjects (105 credit points)

Sem.	Subject code	Credit points
<b>Choose one first semester Chemistry subject</b>		
1	Animal Diversity, Ecology and Behaviour	BIO11AD 15
either		
1	Basic Chemistry	CHE11BAS 15
or		
1	General Principles of Chemistry	CHE11GEN 15
1	Organisation and Function of Cells and Organisms	BIO11OF 15
1	Statistics for Life Sciences	STA11LS 15
plus		
2	Genetics, Human Biology and Evolution	BIO12GEN 15
2	Mathematics and Computing for Biology	MAT12MCB 15
2	Plant Science	BIO12PS 15

#### Electives (15 credit points)

*Any first year science subject not already taken as a core subject.*

*Recommended subject options are:*

Applications of Chemistry	CHE12APL	15
Environmental Problems in the Physical World	FST12ENV	15

#### Second year (120 credit points)

Core subjects (100 credit points)

1	Animal Ecology	ZOO21AE	10
1	Entomology	ZOO21ENT	10
1	Introductory Microbiology	MIC21IM	20
1	Issues in Conservation	COB21IC	20

2	Ecological Genetics	GEV22ECG	20
2	Ecology and Systematics	BOT22ES	20

#### Elective subjects (20 credit points)

*Science subjects to the value of 20 points approved by the Course Adviser*

Recommended subject:	STA22BS	20
Biostatistics		

#### Third year (120 credit points)

Core subjects (30 credit points)

1	Conservation Biology Applications	COB31AC	15
1	Environmental Law and Management	COB31ELM	15

#### Other subjects (90 credit points)

*Subjects to the value of 90 credit points, chosen from the following list:*

Ecology, Systematics and Evolution	BOT32ESE	30
Ecological and Conservation Genetics	GEV32ECG	30
Environmental Microbiology, Plasmid and Microbial Cell Biology	MIC32EPM	30
Field and Environmental Botany	BOT31FEB	30
Zoology (sections E1 to E3)	ZOO31A	30
Zoology (sections E4 to E6)	ZOO32B	30

Other subjects may be substituted but only with the approval of the Course Adviser.

#### Honours degree

Students achieving an average mark of 65% in relevant third year subjects constituting at least 60 credit points are eligible to continue to an inter-disciplinary honours year in conservation biology and ecology, or in appropriate Departments according to the subjects taken in third year.

### BACHELOR OF SCIENCE (EARTH SCIENCES)

This course is designed to provide students with a professional qualification in geology and related disciplines, thereby meeting the requirements for a fully recognised course for the mineral and petroleum industries. The degree also provides a substantial preparation for postgraduate study in geology. The course prepares students for a career in the mineral and petroleum exploration industries, as well as employment in a range of ancillary fields such as environmental geology. Students may be accepted into the second and third years of the course at any time provided they have completed the appropriate prerequisite subjects.

#### Course structure

The degree requires three years of full time study (120 credit points each year), but may be taken part-time. A fourth year honours program is also offered.

Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

#### First year (120 credit points)

Core subjects (45 credit points)

Sem.	Subject code	Credit points
1	The Dynamic Earth	GEO11DYN 15

#### Choose one first semester Chemistry subject

either		
1	Basic Chemistry	CHE11BAS 15
or		
1	General Principles of Chemistry	CHE11GEN 15
plus		
2	Earth Environments and Resources	GEO12ERS 15

#### Electives (75 credit points)

Students are strongly recommended to choose subjects to the value of 45 points from the following list. The remaining 30 points may be selected from other first year subjects offered by the Faculty of Science, Technology and Engineering or from subjects offered by other faculties. The combination of subjects must provide the prerequisites for 40 credit points of study at second year level.

Applications of Chemistry	CHE12APL	15
Environmental Problems in the Physical World	FST12ENV	15
one of		
Physical Aspects of the Environment A	PHY11PAA	15
Physics for Agriculture and Life Sciences	PHY12AGR	15
Principles of Physics	PHY10SCI	30
one of		
Calculus, Functions, and Number Systems	MAT11CFN	15

Mathematics and Computing for Biology	MAT12MCB	15
Statistical Science	STA12SS	15
Statistics for Life Sciences	STA11LS	15

### Second year (120 credit points)

#### Core subjects (80 credit points)

1&2 Earth Materials	GEO20EMA	40
1 Environmental Geoscience - Water and Hazards	GEO21EGW	20
2 Environmental Geoscience - Landscape and Climate Change	GEO22EGL	10
2 Environmental Geoscience - Remote Sensing and GIS	GEO22EGR	10

The remaining 40 credit points may be selected from other second year subjects offered by the Faculty of Science, Technology and Engineering or from subjects offered by other faculties.

### Third year (120 credit points)

#### Core subjects (110 credit points)

1&2 Earth Processes	GEO30EPR	60
1&2 Geophysics for Geologists	GEO30GPH	30
2 Advanced Economic Geology	GEO32AEG	20

The remaining 10 credit points may be selected from other Science subjects (e.g. 10 point subjects from the Bachelor of Environmental Science degree, such as Water Resource Management ENV31WRM) or from subjects offered by other faculties.

#### Honours

Honours degree students are selected on the basis of their performance in the final year of the pass degree course.

### BACHELOR OF SCIENCE IN ENVIRONMENTAL MANAGEMENT AND ECOLOGY - ALBURY/WODONGA CAMPUS

This three year course provides training in environmental management and ecology and is undertaken against the background of the Murray-Darling River Basin. Field studies form an integral part of the course.

In first year, students study the basic components of biology, chemistry and statistics for life sciences, together with other science electives, such as geology, mathematics or physics.

Later years studies include topics such as ecological genetics and evolutionary ecology, environmental pollution control, theoretical and applied ecology, resource management and ecology, conservation biology and waste management and pollution control.

Case studies are included in many of the subjects. A wide range of environmental and ecological issues is covered, including waste water treatment and disposal, air quality control, population ecology, community ecology, environmental policy and legislation, conservation ecology, forest and agricultural resources, wildlife and fisheries management and soil science. Further study is available in honours, graduate diploma, masters and doctoral programs.

#### Degree requirements

The pass degree consists of subjects with a value of 120 points at each year level.

#### Course structure

Variations from this course structure must be approved by the Head of the Department of Environmental Management and Ecology.

### First year (120 credit points)

#### Core subjects (90 credit points)

Sem.		Subject code	Credit points
1	Animal Diversity Ecology And Behaviour	WBI11AD	15
1	Organisation And Function Of Cells And Organisms	WBI11OF	15

#### Choose one first semester Chemistry subject

either	1	General Principles Of Chemistry	WCH11GEN	15
or	1	Basic Chemistry	WCH11BAS	15
and	2	Genetics, Human Biology and Evolution	WBI12GEN	15
	2	Plant Science	WBI12PS	15
	2	Statistics for Life Sciences	WST12LS	15

#### plus two of:

1	Calculus, Functions and Number Systems	WMA11CFN	15
1	Physical Aspects of the Environment A	WPH11PAA	15
1	The Dynamic Earth	WGE11DYN	15
2	Applications of Chemistry	WCH12APL	15

2	Calculus and Linear Algebra	WMA12CLA	15
2	Earth Environments and Resources	WGE12ERS	15
2	Physical Aspects of the Environment B	WPH12PAB	15

or other first year subjects approved by the Department.

### Second year (120 credit points)

#### Core subjects (80 credit points)

1	Biostatistics	WST21BS	20
2	Origin and Evolution of Australian Biota	WEM22OEB	20

#### plus two subjects chosen from the following

1	Environmental Pollution Control	WEM21EPA	20
1	Theoretical and Applied Ecology	WEM21TAE	20
2	Ecological Genetics and Evolutionary Ecology	WEM22EGE	20
2	Water and Air Quality	WEM22EPB	20

#### Electives (40 credit points)

40 credit points selected from the above or from other second year subjects approved by the Department.

### Third year (120 credit points)

#### Core Subjects (60 credit points)

Students choose 60 credit points from the following subjects:

1	Sustainable Resource Management	WEM31RMA	30
1	Waste Management and Treatment	WEM31WMA	30
2	Conservation Biology and Environmental Law	WEM32RMB	30
2	Environmental Assessment	WEM32WMB	30

#### Electives (60 credit points)

60 credit points chosen from the above or from other third year subjects approved by the Department.

### BACHELOR OF SCIENCE IN MATHEMATICAL AND COMPUTER SCIENCES

This course is being phased out. No new enrolments or transfers into the course have been permitted since 1996. Students interested in mathematics, statistics and/or computer science should consider the courses Bachelor of Science (Mathematics & Statistics), Bachelor of Computer Science, Bachelor of Information Systems, Bachelor of Science and the Bachelor of Computer Science/Bachelor of Science. Students currently enrolled in the Bachelor of Science in Mathematical and Computer Sciences who wish to transfer to one of the new courses should see the course adviser or a member of staff from the Faculty Office for course and subject advice.

### BACHELOR OF SCIENCE (MATHEMATICS/STATISTICS)

In the latter part of the 20<sup>th</sup> century, mathematics has found widespread applications in areas as diverse as information technology, economics, management, finance and biology, as well as deepening its traditional relationships with physics, chemistry and engineering. The degree course provides the opportunity for students to combine significant studies in mathematics and statistics with subjects from a wide variety of disciplines, including those disciplines to which mathematics and statistics have not traditionally been associated. In doing this, students have the opportunity to tailor their studies to specific vocational outcomes. Graduates with a major component in an area of mathematics or statistics will be eligible for accreditation with either or both the Australian Mathematical Society and the Statistical Society of Australia.

#### Course structure

To provide a broad base in mathematics and statistics, students are required to include 60 credit points of mathematics and statistics subjects in their first year. Then, to encourage the combination of mathematics and statistics with a wide range of subjects from other discipline areas at second and third year level, only 40 credit points at second year and 60 credit points at third year will be required to be taken from available mathematics and statistics subjects.

Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

### First year (120 credit points)

#### Core subjects (60 credit points)

Sem.		Subject code	Credit points
1	Calculus, Functions and Number Systems	MAT11CFN	15
1	Discrete Mathematics	MAT11DM	15
2	Calculus and Linear Algebra	MAT12CLA	15

**2 Statistical Science STA12SS 15****Electives (60 credit points)**

The remaining 60 credit points may be chosen from any subjects offered by the University, as approved by the Course Adviser.

**Second year (120 credit points)**

A minimum of 40 credit points must be chosen from available second year Mathematics and second year Statistics subjects. The remaining 80 credit points may be chosen from any subjects offered by the University. All enrolments require the approval of the Course Adviser.

**Third year (120 credit points)**

A minimum of 60 credit points must be chosen from available third year Mathematics or third year Statistics subjects. The remaining 60 credit points may be chosen from any subjects offered by the University. All enrolments require the approval of the Course Adviser.

**Honours**

Suitably qualified students will be permitted to enrol in an honours year in Applied Mathematics, Pure Mathematics or Statistics. There is the flexibility to include course-work material from related disciplines, such as Computer Science and to select a project reflecting a desired vocational orientation.

**BACHELOR OF SCIENCE (MEDICAL SCIENCE)**

This course is designed to provide a broad training in the medical sciences in order to lead to:

- employment in the biomedical research field (e.g. pharmaceutical companies, biomedical scientific instrument suppliers, medical research institutes, hospitals, public service departments dealing with health care),
- postgraduate studies in the medical sciences, or
- graduate entry to medicine.

The course is designed to provide a foundation year in science (with a focus on biology and chemistry), a choice of core biomedical subjects in second year (selected from biochemistry, human anatomy, human physiology, genetics, microbiology) and a specialised course in medical science in third year.

**Seminar Program**

The seminar program is an integral part of the Medical Science course. Seminars are held regularly throughout both semesters and students at all year levels are expected to attend all seminars.

**Course structure**

The course requires three years of full time study (120 credit points per year), but may be taken part-time. The course structure is outlined below. Electives are normally selected from the list of recommended subjects provided for each year level, but other subjects may be taken with the approval of the course adviser.

Students may enrol in up to 130 credit points per year without special permission from the course adviser. As a guide, a useful combination of electives for those aiming at graduate entry to medicine are, in the first year, PSY10BN Behavioural Neuroscience 1, STA11LS Statistics for Life Sciences and PHY12PAB Physical Aspects of the Environment B and at second year, 120 credit points from biochemistry, human anatomy, human physiology or microbiology.

For those considering a career in medical biotechnology, useful second year subjects include biochemistry, chemistry, genetics and human variation and microbiology.

Students should be careful in selecting second year subjects to ensure that the appropriate prerequisites have been met for the intended program of study at the third year and at Honour's level.

Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

**First year (120 credit points)****Core subjects (60 credit points)**

Sem.		Subject code	Credit points
1	Applications of Chemistry	CHE12APL	15
1	General Principles of Chemistry	CHE11GEN	15
1	Organisation and Function of Cells and Organisms	BIO11OF	15
2	Genetics, Human Biology and Evolution	BIO12GEN	15

**Other subjects (60 credit points)**

Recommended subject options are:

Australian Health Services	PH1AHS	15
Behavioural Health Sciences for Nutrition Studies <sup>1</sup>	PH1BHN	15

Behavioural Neuroscience	PSY10BN	30
Calculus Functions and Number Systems	MAT11CFN	15
Calculus and Linear Algebra	MAT12CLA	15
Discrete Mathematics	MAT11DM	15
Introduction to Behavioural Health Sciences 1	PH1IBI	15
Introduction to Behavioural Health Sciences 2 <sup>1</sup>	PH1IB2	15
Information Systems	CSE11IS	15
Mathematics and Computing for Biology	MAT12MCB	15
Physical Aspects of the Environment B	PHY12PAB	15
Principles of Physics	PHY10SCI	30
Psychology A <sup>2</sup>	PSY11PYA	15
Psychology B	PSY12PYB	15
Statistics for Life Sciences <sup>1</sup>	STA11LS/12LS	15
Statistical Science	STA12SS	15
The Health of Australians	PH1HOA	15

Students in this course are not permitted to enrol in HB11API or HB12HRB.

Key: <sup>1</sup> PH1IB2 is incompatible with SAT 11LS/STA 12LS and PH1BHN.

<sup>2</sup> Entry into PSY11PYA and PSY12PYB is subject to achieving the minimum ENTER required for entry into the Bachelor of Behavioural Science program.

**Second year (120 credit points)****Core subjects (80 credit points)**

A total of 80 credit points must be selected from:

1	Anatomy: Lower Limbs	HB21ALL	20
1	Human Physiology A	HB21HPA	20
1	Introductory Microbiology	MIC21IM	20
1	Molecular Genetics and Genome Organisation	GEV21MGG	20
1	Proteins, Enzymes and Metabolism	BCH21PEM	20
2	Anatomy: Trunk and Upper Limbs	HB22ATL	20
2	Cellular Regulation and Gene Expression	BCH22RGE	20
2	Human Biology and Anthropological Genetics	HUG22HUM	20
2	Human Physiology B	HB22HPB	20
2	Medical Microbiology	MIC22MM	20

**Other subjects (40 credit points)**

An additional 40 credit points may be selected either from the subjects listed above not already taken or from the following subjects:

1	Principles of Nutrition	AGR21PNU	20
2	Vertebrate Morphology, Evolution and Comparative Physiology	ZOO22VMP	20

or from second year subjects in the following disciplines:

Chemistry  
Computer Science  
Mathematics  
Public Health  
Physics  
Psychology  
Statistical Sciences

**Third year (120 credit points)****Core subjects (60 credit points)**

Metabolic, Cognitive and Genetic Disorders <sup>1</sup>	MED31MCG	30
Neuromuscular Disorders, Infectious Diseases and Cancer Biology	MED32NIC	30

Key: <sup>1</sup> It is not permissible for students to undertake third year level Genetics in the first semester.

**Other subjects (60 credit points)**

A total of 60 credit points from subjects for which prerequisites were obtained at the second year level. A full year of study may be required in this subject for entry to the honours year.

**Honours degree**

Honours degree students are selected on the basis of their performance in the final year of the pass degree course. Students must obtain a minimum average of 60% across all of their third year subjects and obtain at least 65% in subjects germane to the honours discipline to the value of 60 credit points. An honours year may be taken in any of the Departments contributing to the pass degree course for which they have the appropriate prerequisites.

**BACHELOR OF SCIENCE (NUTRITION)**

The interdisciplinary nature of nutritional science is reflected in the subjects comprising this three year degree course. The core nutrition subjects in the second and third years are strongly supported by the

other core subjects in basic sciences, biochemistry, physiology and behavioural sciences.

The course is designed to provide a structure which, in the third year, allows for specialisation in areas such as eating disorders, dietary management, advanced topics in nutrition and disease, nutrition and performance, management of dietary behaviour and anthropological and public health aspects of nutrition.

To register with the Dietitians Association of Australia and thereby be able to practise as a dietitian, a recognised postgraduate qualification in nutrition and dietetics (usually at masters degree level) is required.

The Bachelor of Science (Nutrition) course contains prerequisite material for entry to such professional courses, but places in these are severely limited.

#### Seminar program

Students in all three years are expected to attend the seminar programs arranged in both first and second semesters. Details will be provided during the year. Attendance at seminars and tutorials on library use and those given by the Language and Academic Skills Unit is a requirement of the course.

#### Course structure

The course requires three years of full time study or the part-time equivalent. The course structure is summarised below. Elective subjects will normally be chosen from those listed, but permission to take alternative electives may be given by the course adviser prior to the start of the academic year.

Students must enrol in the zero credit point subject *FSTOOELP* (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

#### First year (120 credit points)

##### Core subjects (105 credit points)

Sem.	Subject code	Credit points
1	Animal Diversity, Ecology and Behaviour	BIO11AD 15
1	General Principles of Chemistry	CHE11GEN 15
1	Organisation and Function of Cells and Organisms	BIO11OF 15
1	Psychology A	PSY11PYA 15
2	Applications of Chemistry	CHE12APL 15
2	Behavioural Health Sciences for Nutrition Studies	PH1BHN 15
2	Statistics for Life Sciences	STA12LS 15

The remaining 15 credit points must be chosen from the following second semester subjects:

Agricultural and Resource Economics: Foundations	AGR12AEF	15
Genetics, Human Biology and Evolution	BIO12GEN	15
Mathematics and Computing for Biology	MAT12MCB	15
Plant Science	BIO12PS	15
Psychology B	PSY12PYB	15

or  
Approved elective 15

#### Second year (120 credit points)

##### Core subjects (100 credit points)

1	Human Physiology A	HB21HPA 20
1	Principles of Nutrition	AGR21PNU 20
1	Proteins, Enzymes and Metabolism	BCH21PEM 20
2	Cellular Regulation and Gene Expression	BCH22RGE 20
2	Human Physiology B	HB22HPB 20

The remaining 20 credit points must be chosen from the following second semester subjects:

Developments in Chemistry	CHE22DEV	20
Ecology and Systematics	BOT22ES	20
Human Biology and Anthropological Genetics	HUG22HUM	20
Medical Microbiology	MIC22MM	20
Organisational Behaviour and Health Care PH2OBH	20	
Vertebrate Morphology Evolution and Comparative Physiology	ZOO22VMP	20

or  
Approved elective 20

#### Third year (120 credit points)

##### Core subjects (60 credit points)

1	Advanced Topics in Nutrition	NUT31ATN 30
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#### 2 Community and Cross Cultural Perspectives on Human Nutrition NUT32CPN 30

The remaining 60 credit points must be chosen from the following subjects:

Advanced Physiology A - Cell Communication Systems and Pharmacology	HB31APA	30
Advanced Physiology B - Normal Function, Drugs and Disease	HB32APB	30
Biological Macromolecules and Molecular Biology	BCH31MMB	30
Function and Evolution	GEV31MGG	30
Molecular Cell Biology	BCH32MCB	30
Molecular Genetics, Genome Organisation, Plant Biotechnology	BOT32PB	30
Zoology	ZOO31A	30
Zoology	ZOO32B	30

#### Honours degree

Honours degree students are selected on the basis of their performance in the final year of the pass degree course. Students must obtain a minimum average of 60% across all of their third year subjects and obtain at least 65% in subjects germane to the honours discipline to the value of 60 credit points. An honours year may be taken in any of the Departments contributing to the third year of the pass degree course.

#### BACHELOR OF SCIENCE IN PHYSICAL SCIENCES

This course is being phased out. No new enrolments or transfers into the course have been permitted since 1996. Students interested in physical science should consider the new Bachelor of Science course. Students currently enrolled in the Bachelor of Science in Physical Sciences who wish to transfer to the Bachelor of Science course should see the Course Adviser or a member of the Faculty Office for course and subject advice.

#### BACHELOR OF SCIENCE (SPACE SCIENCE)

This course provides students with an understanding of basic principles in areas of space science, including astronomy, relevant to industries using space technology and to prepare them for admission to higher degrees in space science and other areas of physical science and mathematics. Students are educated in a broad range of space sciences that includes astronomy, remote sensing, GPS techniques, space weather and the geospace environment. The course includes basic mathematics and physics and students can take options from a wide range of subjects including computer science, electronics and earth science.

#### Course structure

The course requires three years of full-time study, or the equivalent part-time enrolment. Subjects having a total work value of 360 credit points must be completed including subjects with a total value of at least 120 credit points in each of the first, second and third years of study. Core subjects make up 75, 60 and 70 credit points at first, second and third year respectively and a further 20 credit points at second year must be taken from a list of electives.

Students must enrol in the zero credit point subject *FSTOOELP* (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

#### Firstyear (120 credit points)

##### Core Subjects (75 credit points)

Sem.	Subject code	Credit points
1	Calculus, Functions and Number Systems	MAT11CFN 15
1&2	Principles of Physics	PHY10SCI 30
2	Astronomy and Space: The Infinite Frontier	PHY12AST 15
2	Calculus and Linear Algebra	MAT12CLA 15

#### Electives (45 credit points)

Students may choose first year subjects offered by the Faculty of Science, Technology and Engineering to the value of 45 credit points. Subjects may be chosen from other faculties provided they total no more than 30 credit points.

#### Second year (120 credit points)

##### Core Subjects (60 credit points)

1	Astronomy Decoded-A Beginner's Guide to Astrophysics	PHY21ASB 5
1&2	Principles of Physics	PHY20SCI 40
2	Measuring Environmental Processes	ENV22MEP 15



**Electives (20 credit points)**

Students select a total of 20 credit points from the following:

Linear Algebra	MAT21LA	10
Mechanics	MAT22AM	10
Partial Differential Equations	MAT22APD	10
Vector Calculus	MAT21AVC	10

**Other subjects (40 credit points)**

Other second year subjects to the value of 40 credit points offered by the Faculty of Science, Technology and Engineering (including those above, not already selected) or by other faculties of the University.

**Third year (120 credit points)**

Core subjects (70 credit points)

1&2 Principles of Physics	PHY30SCI	60
2 Remote Sensing	PHY32REM	10

**Other subjects (50 credit points)**

Other third year subjects to the value of 50 credit points offered by the Faculty of Science, Technology and Engineering or by other faculties. This may include (PHY22ASC).

**Honours**

Honours degree students are selected on the basis of their performance in the final year of the pass degree. To be eligible, students must obtain a minimum average of 60% across their third year subjects and obtain at least 65% in relevant third year subjects comprising at least 60 credit points. Students enrol in PHY40HON and undertake a Space Physics project.

**BACHELOR OF VITICULTURAL SCIENCE**

The degree was offered for the first time in 1999 and commenced at the first year level. No students will be accepted into the third year of the degree in 2000.

This course is designed to provide:

professional scientific training for grape growth and wine production; practical experience in vine propagation, grape production, irrigation and trellising, pest control, and basic wine making techniques; experience throughout the major wine growing regions of Victoria. It is expected that students will be employed within the wine and grape growing industry, one of the fastest growing agricultural sectors in Australia.

**Work experience**

A work experience component is required at each year level (AGR10VPR, AGR20VPR and AGR30VPR), and this experience must be spread throughout the major wine growing regions of Victoria.

**Course structure**

The course requires three years of full time study or the part-time equivalent. The first year of the course can be taken on the Mildura campus, the Albury/Wodonga campus or the Bundoora campus. The final year of the degree must be completed at Bundoora. The first year of the course covers the basic sciences as well as vine production, propagation and establishment and vineyard cultivation and maintenance. Second year subjects include plant physiology and nutrition, soil science, statistics, agricultural business management, and vineyard operations. The third year of the course includes ecophysiology of plants, plant pests and diseases, wine production technology, soil science and specialist studies in viticultural science. The focus of the course is on problem-solving and on ensuring students work on real issues in viticultural science. The course structure is summarised below. Elective subjects will normally be chosen from those listed, but permission to take alternative electives may be given by the Course Adviser prior to the start of the academic year.

Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

**First year (125 credit points)**

Core subjects (125 credit points)

Sem.	Subject code	Credit points
1	Agriculture in the Australian Economy	15
1&2	Viticultural Practice	5

**Choose one first semester chemistry subject**

either		
1	Basic Chemistry	15
or		

1	General Principles of Chemistry	CHE11GEN	15
and			
1	Organisation and Function of Cells and Organisms	BIO11OF	15
1	Vine Production, Propagation and Establishment	AGR11VPE	15
2	Applications of Chemistry	CHE12APL	15
2	Physics for Agriculture and Life Science	PHY12AGR	15
2	Plant Science	BIO12PS	15
2	Vineyard Cultivation and Maintenance	AGR12VCM <sup>1</sup>	15

Key: <sup>1</sup>Subject taught by TAFE

**Second year**

(120 or 130 credit points)

Core subjects (110 credit points)

1	Plant Physiology and Nutrition	AGR21PPN	20
1	Soil Science	AGR21SS	20
1&2	Viticultural practice	AGR20VPR	5
1/2	Statistics for Life Sciences	STA11/12LS	15
2	Agricultural Business Management	AGR22ABM	20
2	Mathematics & Computing for Biology	MAT12MCB	15
2	Vineyard Operations	AGR22VO <sup>1</sup>	15

Key: <sup>1</sup>Subject taught by TAFE

**Electives**

(15-20 credit points)

Recommended subject options are:

Agricultural Genetics	BIO12AGG	15
Chemistry of Water Quality	CHE22CWQ	15
Ecology and Systematics	BOT22ES	20
Environmental Science	ENV20ENV	10
Genetics, Human Biology and Evolution	BIO12GEN	15
International Issues	AGR21II	15
Introductory Microbiology	MIC21IM	20
Marketing Principles and Practice 2	MPAP2	15
Plant Ecology	BOT21PE	10
Proteins Enzymes and Metabolism	BCH21PEM	20

**Third year**

(125 credit points)

Core subjects (95 credit points)

1	Ecophysiology of Plants	AGR31EPP	10
1	Plant Pests and Diseases	AGR31PPD	10
1	Viticulture and Wine Production Issues	AGR31VWI	10
1	Wine Production Technology	AGR31WPT	20
1&2	Viticultural Practice	AGR30VPR	5
2	Soil Science	AGR32SS	20
2	Viticultural Science	AGR32VTS	20

**Electives (30 credit points)**

Any subject from the above second year list of recommended subjects, or subjects from the following:

Cellular regulation and Gene Expression	BOT31FEB	30
Consumer Behaviour 2	CB2	15
Ecology Systematics and Evolution	BOT32ESE	30
Molecular and General Genetics	GEV21MGG	20
Plant Biotechnology	BOT32PB	30
Remote Sensing	PHY32REM	10
Resource Economics Policy	AGR32REP	15
Strategic Marketing Management 3	SMM3	15
Water Resources Management	ENV31WRM	10

**Honours degree**

Honours degree students are selected on the basis of their performance in the third year of the degree. Honours may be taken as a project based year in one of the participating Departments of the Faculty or as a coursework and practical experience orientated year in the fields of viticulture or oenology.

**BACHELOR OF TECHNOLOGY (COMPUTER TECHNOLOGY)**

This is a three year, professionally oriented course designed to produce graduates with the knowledge and skills in computer science and computer technology which will enable them to work as computer engineering technologists. The course aims to develop students communication and management skills and to develop their self-education skills and flexibility of mind in a world of rapid technological change.

**Articulation**

After successful completion of the course, students who have achieved sufficiently good results may apply to transfer to the third year of the Bachelor of Computer Systems Engineering course. Interested students should contact the Department of Computer Science and Computer Engineering for further details.

**Work experience**

In accordance with the requirements of the Institution of Engineers, Australia, students must complete at least eight weeks of approved practical experience before being deemed to have completed the course. This is normally obtained during the vacation following the end of the second year of the course.

**Course structure**

The program combines studies in computer science, computer systems engineering, engineering management and computer technology, as well as electronics, physics and mathematics. The course content is fixed for the first two years. Electives in computer science allow students the opportunity to specialise in the areas of software systems, networking and expert systems in their final year of study.

**First year (120 credit points)**

Sem.	Subject code	Credit points
1	Calculus, Functions and Number Systems	MAT11CFN 15
1	Discrete Mathematics	MAT11DM 15
1	Introduction to Programming Using C++	CSE11IPC 15
1	Introductory Electronics	ELE11IEL 15
2	Basic Electronic Circuits	ELE12CCT 15
2	Calculus and Linear Algebra	MAT12CLA 15
2	Object Orienting Programming Using C++	CSE12OOP 15
2	Systems Programming in C and UNIX	CSE12SYS 15

**Second year (120 credit points)**

1	Algorithms, Data Structures and Compilers	CSE21ADC 10
1	Computer Organisation	CSE21COR 10
1	Data Communications and Networks	CSE21NET 10
1	Digital Circuits	ELE21DIG 10
1	Engineering Physics	PHY11ENG 15
1	Systems Descriptions Techniques	CSE21SDT 10
2	Artificial Intelligence	CSE22AI 10
2	Digital Systems Design	ELE22DSD 10
2	Engineering Management	ELE12EMT 5
2	Engineering Management	ELE22EMT 10
2	Microprocessors and Assembly Language	CSE22MAL 10
2	Object Oriented Data Engineering	CSE22ODE 10

**Third year (125 credit points)**

<i>Core subjects (85 credit points)</i>		
1	Input/Output Device Interfacing	CSE31IDI 10
1	Management Information Systems	CSE31MIS 10
1	Marketing for Engineers and Leadership	ELE31MEL 5
1&2	Software Engineering Project	CSE30PRJ 30
2	Computer Architecture	CSE32ARC 10
2	LANs and WANs	CSE32LAN 10
2	Systems and Network Management	CSE32SNM 10

**Electives (40 credit points)**

Four third year computer science subjects (may include the subject ELE32EDA).

**BACHELOR OF TECHNOLOGY IN ELECTRONICS**

This course prepares students for the profession of engineering technology in the field of electronics. It introduces students to electronic engineering technology and to develop an understanding of the pure and engineering sciences, computing, mathematics and management practices needed in the profession of electronic technology. Students develop an appreciation of the role of engineering technologists in the community and the social and environmental effects of their decisions.

**Work experience**

It is a requirement for graduate membership of the Institution of Engineers, Australia that students undertake eight weeks of approved work experience under the guidance of an experienced engineer before graduating. This work experience is usually obtained during the vacation following the second year of the course. Graduates may apply for membership of the Institution of Engineers, Australia for admission to the grade of affiliate and for employment in industry as an engineering technologist.

**Articulation to Bachelor of Engineering (Electronics)**

Students who have passed the Bachelor of Technology (Electronics) degree may apply for articulation to the Bachelor of Engineering (Electronics) degree. This program requirements a further two years of study to complete the requirements for the BEng(Electronics) degree. For further information, contact the Department of Electronic Engineering

**Course structure**

The course is of three years duration and is undertaken on a full-time or equivalent part-time basis. It has many subjects in common with the first three years of the Bachelor of Engineering (Electronics) course and has a total work value of 360 credit points.

**First year (120 credit points)**

*Core subjects (100 credit points)*

**Third year (125 credit points)**

1	Introduction to Programming Using C++	CSE11IPC 15
1	Introductory Electronics	ELE11IEL 15
1	Mathematics for Engineers	MAT11EN 15
2	Basic Electronic Circuits	ELE12CCT 15
2	Chemistry for Engineers	CHE12ENG 10
2	Electronic Engineering Design Project	ELE12EDP 10
2	Engineering Management	ELE12EMT 5
2	Further Mathematics for Engineers	MAT12FEN 15

**Electives (20 credit points)**

At least five credit points must be chosen from subjects offered by the Faculty of Science Technology and Engineering. (MAT11DM or STA11SC are recommended). Fifteen credit points may be chosen from any discipline.

**Second year (120 credit points)**

1	Digital Circuits	ELE21DIG 10
1	Engineering Physics	PHY11ENG 15
1	Linear Algebra for Engineering	MAT21ELA 10
1	Linear Circuits and Signals	ELE21LIN 10
1	Vector Calculus	MAT21AVC 10
2	Analog Circuits and Interfacing	ELE22ACI 10
2	Circuit Design Project	ELE22CDP 10
2	Electronic Measurements and Instrumentation	ELE22EMI 15
2	Engineering Management	ELE22EMT 10
2	Microprocessors	ELE22MIC 10
2	Partial Differential Equations	MAT22APD 10

**Third year (120 credit points)**

1	Analog Circuits and Devices	ELE31ACD 10
1	Communication Systems	ELE31COM 10
1	Control Systems	ELE31CTL 10
1	Design for Production	ELE31DES 10
1	Electrical Systems and Design	ELE21ESD 10
1	Engineering Management	ELE31EMT 10
2	Electronics Technology Project	ELE32ETP 30

*plus three subjects from:*

1	Embedded Processors	ELE31EMP 10
2	Digital Signal Processing	ELE32DSP 10
2	Electronic Design Automation	ELE32EDA 10
2	Telecommunication Devices, Circuits and Systems	ELE32TEL 10

**BACHELOR OF ARTS/BACHELOR OF SCIENCE**

This four year, double-degree course is designed to allow students to pursue their areas of interest in both science and arts. Students select subjects from the Faculty of Science, Technology and Engineering and the Faculty of Humanities and Social Sciences. Programs of interest might include media studies and computer science, legal studies and environmental science, anthropology and genetics, archaeology and earth science, philosophy and mathematics, psychology and sociology and linguistics, physics and music and many others.

Course advisers are available to assist students in designing programs to meet their individual interests. Provided that the course set out below is adhered to and there are no unreasonable timetable clashes, students are free to select any combination of science and arts subjects in which they are interested.

**Course structure**

Students must complete a minimum of 540 credit points over the four years comprising:

**First year**

80 credit points in arts

60 credit points in science

## Second year

80 credit points in arts  
80 credit points in science

## Third year

80 credit points in arts  
90 credit points in science

plus 70 credit points chosen from any year level and in any mix of arts and science disciplines, subject to the following restrictions:

- the maximum number of first year credit points is 210, of which no more than 120 may be chosen from the arts disciplines and
- a minimum of one sequence in one arts discipline must be taken where a sequence is 40 credit points in first year, 40 in second year and 40 in third year and
- normally, no more than 60 credit points of third year science may be taken in any one year and
- normally, the maximum load permitted in any one semester is 80 credit points.

## Definitions

Arts subjects are those taught within the Faculty of Humanities and Social Sciences for the Bachelor of Arts, or subjects approved as majors within the Bachelor of Arts and those taught by other faculties which are available only to students enrolled in a Bachelor of Arts degree.

Science subjects are those taught within the Faculty of Science, Technology and Engineering for any science degree offered by the Faculty, including specialist science degrees such as the Bachelor of Behavioural Science, Bachelor of Computer Science and Bachelor of Environmental Science.

## Honours

Suitably qualified students may be eligible to undertake an honours year, which will require an additional full-time year of study. Honours may be undertaken in either arts or science.

## BACHELOR OF COGNITIVE SCIENCE/BACHELOR OF COMPUTER SCIENCE

This course provides students with a good grounding in cognitive science and especially in computer science and psychology. It equips students with the skills and knowledge required to qualify them for employment in a variety of businesses and industries.

Successful graduates will have an understanding of the nature of human intelligence processes, methods and criteria for problem solving and computer simulations of information processing. They will be qualified to work in banks and other financial organisations in which information systems are designed and in government agencies and industries in which simulations of decision making and strategies are developed. Graduates are also likely to find employment in the design of expert systems, decision support and cooperative work systems, computer-aided instruction and learning, artificial communication systems, software design (data-based and knowledge-based), industrial and organisational psychology and human resources.

Graduates will be eligible to enrol in honours in psychology, computer science or cognitive science if they wish to continue their studies.

## Course structure

The double degree requires 540 credit points over four years of study with an average enrolment of 135 credit points per year. At first year level, students complete a set of core subjects from within the disciplines of psychological science, computer science, mathematics, statistical science and logic to a total of 150 credit points, with an additional 30 credit points from a list of recommended elective subjects or other subjects in the University. At second year level, students take subjects to build on the knowledge gained in psychology and computer science and a subject COG22TOP (Topics in Cognitive Science), which integrates some of this knowledge.

At third year level, students undertake a research project in computer science, which involves the design of software and also a research project in psychology. Electives at second and third year level allow students to study some logic, philosophy or linguistics.

## First year level subjects: (180 credit points)

Core subjects (150 credit points)

(These subjects are normally taken in the first and second year of the course)

Third year (125 credit points)			
1	Beginning Logic	LO1BL	15
1	Calculus, Functions and Number Systems	MAT11CFN	15
1	Discrete Mathematics	MAT11DM	15

1	Introduction to Programming Using C++	CSE11IPC	15
1	Psychology A	PSY11PYA	15
1&2	Behavioural Neurosciences 1	PSY10BN	30
2	Object Oriented Programming Using C++	CSE120OP	15
2	Psychology B	PSY12PYB	15
2	Statistical Science	STA12SS	15

## Recommended Electives (30 credit points)

Choose 30 credit points from the following list.

Calculus and Linear Algebra	MAT12CLA	15
Critical Thinking	P1GT	15
Philosophy of Human Psychology	P1PHP	15
Psychoanalysis, Self and World	P1PSW	15
Systems Programming in C and UNIX	CSE12SYS	15
The Nature of Language A	LIN1NLA	15
The Nature of Language B	LIN1NLB	15

## Second year level subjects: (180 credit points)

Core subjects (120 credit points)

(These subjects are normally taken in the second and third year of the course)

1	Algorithms, Data Structure and Compilers	CSE21ADC	10
1	Computer Organisation	CSE21COR	10
1	Data Communications and Networks	CSE31NET	10
1	Database Systems	CSE21DB	10
1	Psychology A	PSY21PYA	20
1	Systems Description Techniques	CSE21SDT	10
1&2	Artificial Intelligence	CSE21AI/22AI	10
2	Object Oriented Data Engineering	CSE22ODE	10
2	Psychology B	PSY22PYB	20
2	Topics in Cognitive Science	COG22TOP	10

## Recommended second year electives (60 credit points)

Choose 60 credit points from the following list

Applied Logic	LO2AL	20
Automated Reasoning	LO2AR	20
Behavioural Neurosciences 2	PSY20BN	40
Certainty and Subjectivity	P2CS	20
History and Philosophy of Science A	P2HPSA	20
History and Philosophy of Science B	P2HPSB	20
Language, Meaning and Understanding	P2LMU	20
Microprocessors and Assembly Language	CSE22MAL	10
Philosophical Psychology	P2PPS	20
Philosophy and the Nature of Mind	P2PNM	20
Philosophy of Science and Psychology 1	P2SC-1	20
Philosophy of Science and Psychology 2	P2SC-2	20
Phonetics	LIN2PT	20
Phonology	LIN2PL	20
Semantics	LIN2SE	20
Syntax	LIN2SY	20

## Third year level subjects (180 credit points)

Core subjects (120 credit points)

(These subjects are normally taken in the third and fourth year of the course.)

1	User Interface Engineering	CSE31UIE	10
1&2	Psychology	PSY30P	60
1&2	Software Engineering Project	CSE30PRJ	30
1&2	Topics in Psychology	PSY30TOP	20

## Third year Computer Science electives (20 credit points)

20 credit points to be chosen from the following computer science subjects:

Artificial Intelligence	CSE32AI	10
Expert Systems	CSE32EXP	10
Graphics Programming	CSE32GRA	10
Parallel Computing	CSE32PAR	10

## Other recommended third year electives (40 credit points)

40 credit points may be chosen from the following list :

Applied Logic	LO3AL	20
Automated Reasoning	LO3AR	20
Certainty and Subjectivity	P3CS	20
Language, Meaning and Understanding	P3LMU	20
Philosophy of Science and Psychology 1	P3SC-1	20
Philosophy of Science and Psychology 2	P3SC-2	20
Phonetics	LIN3PT	20
Phonology	LIN3PL	20

Semantics	LIN3SE	20
Syntax	LIN3SY	20

**Honours year**

Admission to honours is by invitation only and requires qualifications that would admit the student into the honours courses in those disciplines in which they take subjects.

For honours in Cognitive Science, students must complete 120 credit points comprising recommended fourth year subjects from two of the disciplines contributing to the BCogSc/ BCompSc course and a research project in computer science or psychology.

Students selecting a computer science project (45 credit points) must complete subjects to a total of 75 credit points. Students selecting a psychology project (60 credit points) must complete subjects to a total of 60 credit points. Subjects will be assessed by the Department offering them.

**BACHELOR OF COMPUTER SCIENCE (HONOURS)/BACHELOR OF ENGINEERING (ELECTRONICS)**

This double-degree course reflects the integration of electronic engineering and computer science in the rapidly expanding area of information technology.

**Work experience**

It is a requirement for graduate membership of the Institution of Engineers, Australia that students undertake 12 weeks of approved work experience under the guidance of an experienced engineer before graduating. This work experience is usually obtained during the vacation following the end of either third or fourth year.

**Scholarships**

First year scholarships are available for high achieving students. Prospective candidates should contact the Department of Computer Science and Computer Engineering early in their Year 12 studies.

**Course structure**

In the first year, all students study computer science, mathematics, electronics and physics. At second and third year levels, students concentrate on computer science and electronics. Honours work in computer science is undertaken in the fourth and fifth years of the course, in conjunction with components of the Bachelor of Engineering degree.

The course is fixed and is overweight by approximately 15% each year compared with a normal BCompSc or BEng(Electronics) degree to allow students to complete the double degree, including honours, in five years. It is designed, however, to permit students to terminate studies after three years with a BCompSc degree, so that students are not disadvantaged if they decide not to complete the full five years.

Progression to the fourth year of the program is conditional upon completion of the first three years of the course at a satisfactory level (which is defined as a minimum mark of 65% in third year computer science subjects to the value of 60 credit points).

**First year (135 credit points)****Third year (125 credit points)**

1	Engineering Physics	PHY11ENG	15
1	Introduction to Programming Using C++	CSE11IPC	15
1	Introductory Electronics	ELE11IEL	15
1	Mathematics for Engineering	MAT11EN	15
1/2	Elective (PHY 12MTR is recommended)		5
2	Basic Electronic Circuits	ELE12CCT	15
2	Electronic Engineering Design Project	ELE12EDP	10
2	Further Mathematics for Engineering	MAT12FEN	15
2	Object Oriented Programming Using C++	CSE12OOP	15
2	Systems Programming in C and UNIX	CSE12SYS	15

**Second year (140 credit points)**

1	Algorithms, Data Structures and Compilers	CSE21ADC	10
1	Digital Circuits	ELE21DIG	10
1	Discrete Mathematics and Computer Organisation	CSE21DMO	15
1	Linear Algebra for Engineering	MAT21ELA	10
1	Linear Circuits and Systems	ELE21LIN	10
1	Vector Calculus	MAT21AVC	10
1&2	Engineering Mechanics	PHY20MEC	10
1&2	Engineering Physics	PHY20ENG	102

2	Analog Circuits and Interfacing	ELE22ACI	10
2	Artificial Intelligence	CSE22AI	10
2	Engineering Management	ELE12EMT	5
2	Microprocessors	ELE22MIC	10
2	Microprocessors and Assembly Language	CSE22MAL	10
2	Partial Differential Equations	MAT22APD	10

**Third year (140 credit points)****Core subjects (110 credit points)**

1	Analog Circuits and Devices	ELE31ACD	10
1	Communication Systems	ELE31COM	10
1	Control Systems	ELE31CTL	10
1&2	Software Engineering Project	CSE30PRJ	30
2	Circuit Design Project	ELE22CDP	10
2	Digital Signal Processing	ELE32DSP	10
2	Electronic Design Automation	ELE32EDA	10
2	Engineering Management	ELE22EMT	10
2	RF, Microwave and Optical Transmission	ELE32RMO	10

**Electives (30 credit points)**

Three third-year computer science subjects

30

**Fourth year (140 credit points)****Core subjects (60 credit points)**

1	Complex Analysis	MAT31ACZ	10
1	Engineering Management C	ELE31EMC	5
1&2	Thesis	CSE40THE	45

**Electives (80 credit points)**

Two fourth year computer science subjects

30

Two third year computer science subjects

20

plus two of (in keeping with the student's chosen speciality):

1	Biomedical Engineering	ELE31BME	10
1	Embedded Processors	ELE31EMP	10
2	Instrumentation and Sensors	ELE32INS	10
2	Telecommunication Devices, Circuits and Systems	ELE32TEL	10

and one of:

2	Biomedical Engineering Project	ELE32BMP	10
2	Communications Engineering Project	ELE32CMP	10
2	Electronic Systems Engineering Project	ELE32ESP	10
2	Optical Engineering Project	ELE32OPP	10

**Fifth year (140 credit points)****Core subjects (70 credit points)**

1	Applied Management for Engineers	ELE41EMT	10
1	Design for Production	ELE41DES	10
1&2	Engineering Project	ELE40ENP	50

**Electives (70 credit points)**

Four fourth year electronic engineering subjects <sup>1</sup>

(in keeping with the student's chosen stream)

40

Two fourth year computer science subjects

30

Key: <sup>1</sup> Enrolment in ELE 41DIR requires the approval of the Course Adviser.

**Honours year**

The honours thesis in the chosen area of computer science must be accepted as applicable to engineering. Successful students are awarded first class, second class (upper division), second class (lower division) or third class honours.

**Professional recognition**

The course is fully accredited by the Institution of Engineers, Australia. Graduates are eligible for professional membership of the Australian Computer Society.

**BACHELOR OF COMPUTER SCIENCE/BACHELOR OF COMMERCE**

This innovative double-degree program offers a comprehensive program of study to meet the significant increase in demand for computer scientists with a commerce background and leads to professional accreditation in both the Australian Society of CPAs and the Institute of Chartered Accountants in Australia and the Australian Computer Society.

**Course structure**

The course is of four years full-time or equivalent part-time duration and requires the completion of 540 credit points overall. For professional accreditation purposes, the syllabus is mostly fixed, although electives constitute approximately 35% of the final two

years. The workload in each year is equivalent to 12.5% more than that required in either single degree. The order in which students take the subjects may be varied to suit individual needs. Further, some prescribed subjects may be replaced by others in special circumstances. Students who experience difficulty with the overloaded nature of the course may apply to transfer to either a Bachelor of Computer Science or a Bachelor of Commerce. Students should note that the subjects PHY11MTA, MIS1, MIS2, MIS3, MANCIA and BCO3 are not permitted.

### Scholarships

First year scholarships are available for high achieving students. Prospective candidates should contact the Department of Computer Science and Computer Engineering early in their Year 12 studies.

Sem.	Subject code	(135 credit points) Credit points
1	Accounting for Management Decisions	AFMD1 15
1	Calculus, Functions and Number Systems	MAT11CFN 15
1	Discrete Mathematics	MAT11DM 15
1	Introduction to Programming Using C++	CSE11IPC 15
2	Calculus and Linear Algebra	MAT12CLA 15
2	Financial Accounting 1	FA1 15
2	Object Oriented Programming Using C++	CSE12OOP 15
2	Statistical Science	STA12SS 15
2	Systems Programming in C and UNIX	CSE12SYS 15

Sem.	Subject code	(135 credit points) Credit points
1	Algorithms, Data Structures and Compilers	CSE21ADC 10
1	Computer Organisation	CSE21COR 10
1	Database Systems	CSE21DB 10
1	Law of Commercial Contract	L1LCC 1 15
1/2	Financial Accounting 2	FA2 15
1/2	Introductory Macroeconomics 1	IMA1 15
1/2	Introductory Microeconomics 1	IMI1 15
2	Artificial Intelligence	CSE22AI 10
2	Law of Business Association	L1LBA 15
2	Microprocessors and Assembly Language	CSE22MAL 10
2	Object Oriented Data Engineering	CSE22ODE 10

### Third year (135 credit points)

Core subjects (105 credit points)

1	Data Communications and Networks	CSE31NET 10
1	Management Accounting A	MA2A 15
1	System Description Techniques	CSE21SDT 10
1	Taxation	TAX3 15
1/2	Financial Accounting 3	FA3 15
2	Finance	FIN2 15
2	Introduction to Professional Communication	CSE22COM 10
2	Management Accounting B	MA2B 15

### Electives (30 credit points)

Three computer science third year subjects 30

(Note: Finance 2 (FIN2) should be taken if students wish to complete IPM3 in fourth year).

### Fourth year (135 credit points)

Core subjects (95 credit points)

1	Fourth-generation Languages	CSE31FGL 10
1	Management Information Systems	CSE31MIS 10
1&2	Software Engineering Project	CSE30PRJ 30
2	One third year elective	15
2	Auditing	AUD3 15
and either		
1	Corporate Finance	CFI3 15
or		
2	Investment and Portfolio Management	IPM3 15

### Electives (40 credit points)

One computer science third year subject	10
One business subject	15
General second or third year electives	15

### Honours

An honours degree in either computer science or commerce is available to suitably qualified students and will require an additional year of full-

time study. It is anticipated that in either case, students may incorporate some material from the other area in their honours program.

### BACHELOR OF COMPUTER SCIENCE/BACHELOR OF SCIENCE

This four year double-degree program provides the opportunity for students to undertake major studies in any area of science offered by the Faculty of Science, Technology and Engineering, while at the same time completing all the core material from the Bachelor of Computer Science.

The double degree enables students with a vocational interest in either computer science or science to enhance their employability by a major study of both areas.

In particular, the double degree gives students an opportunity to combine major studies in mathematics or statistics with computer science, which addresses the frequent need to combine mathematical and statistical modelling of practical problems with a computer implemented solution. Graduates are eligible for professional membership of the Australian Computer Society.

### Course structure

This course is of four years full-time or equivalent part-time duration and requires the completion of 540 credit points overall. Certain computer science, mathematics and statistics subjects are prescribed. Students may choose any other subjects for which they satisfy the prerequisites, subject to meeting the minimum credit point levels prescribed below and also subject to the limits which apply in the general Bachelor of Science on the amount which may be taken from one discipline area.

### First year (135-145 credit points)

Core subjects (105 credit points)

Sem.	Subject code	Credit points
1	Calculus, Functions and Number Systems	MAT11CFN 15
1	Discrete Mathematics	MAT11DM 15
1	Introduction to Programming Using C++	CSE11IPC 15
2	Calculus and Linear Algebra	MAT12CLA 15
2	Object Oriented Programming Using C++	CSE12OOP 15
2	Statistical Science	STA12SS 15
2	Systems Programming in C and UNIX	CSE12SYS 15

### Electives (30-40 credit points)

30-40 credit points of electives may be chosen from any first year subjects, subject to meeting the prerequisites for those subjects. (The subjects MANCIA, PHY11MTA, MIS1, are not permitted).

### Second year (130-140 credit points)

Core subjects (70 credit points)

1	Algorithms, Data Structure and Compilers	CSE21ADC 10
1	Computer Organisation	CSE21COR 10
2	Artificial Intelligence	CSE22AI 10
2	Microprocessors and Assembly Language	CSE22MAL 10
2	Introduction to Professional Communications	CSE22COM 10

Plus two second year Computer Science subjects totalling 20 credit points chosen from the following:

2	Computer Architecture	CSE22ARC 10
1	Data Communication and Networks	CSE21NET 10
1	Database Systems	CSE21DB 10
2	Object Oriented Data Engineering	CSE22ODE 10
1	Systems Description Techniques	CSE21SDT 10

### Electives (60-70 credit points)

The remaining 60 credit points can be chosen from any first or second year Science subjects, subject to meeting the prerequisites for those subjects and subject to a maximum of 30 credit points at first year level. MIS2 is not permitted.

### Third year (130-140 credit points)

Second year subjects, subject to meeting the prerequisites for those subjects 30-40

(The subjects BCO3 and MIS3 are not permitted).

Third year Science subjects 30-40

Six third-year Computer Science subjects chosen from the following list 60

### First Semester

Fourth-Generation Languages	CSE31FGL 10
Input/Output Device Interfacing	CSE31IDI 10
Management Information Systems	CSE31MIS 10

Numerical Computation	CSE31NC	10
Protocols, Performance and Routing	CSE31PPR	10
Software Techniques and Metrics	CSE31STM	10
User Interface Engineering	CSE31UIE	10

**Second Semester**

Advanced Computer Architecture	CSE32ACA	10
Artificial Intelligence	CSE32AI	10
Expert Systems	CSE32EXP	10
Graphics Programming	CSE32GRA	10
LANs and WANs	CSE32LAN	10
Multimedia Systems	CSE32MS	10
Networks and Systems Security	CSE32NSS	10
Operating Systems	CSE32OS	10
Parallel Computing	CSE32PAR	10
Software Security, Reliability and Testing	CSE32SRT	10
Workload Analysis and File Structures	CSE32WRK	10

The following subjects are only available if the corresponding second year subjects have not been taken:

Data Communications and Networks	CSE31NET	10
Computer Architecture	CSE32ARC	10
Database Systems	CSE31DB	10
Object Oriented Data Engineering	CSE32ODE	10

**Fourth year (130-140 credit points)**

Core subjects (30 credit points)

1&2 Software Engineering Project	CSE30PRJ	30
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**Electives (100 to 110 credit points)**

- Third year Science subjects, subject to meeting the prerequisites for those subjects 50-60 credit points.
- Third year subjects offered by any faculty, subject to meeting the prerequisites for those subjects 40-50 credit points

The order in which students take the subjects may be varied to suit individual needs. In addition, later year science subjects may be substituted for earlier year science subjects of the same value. Science subjects are subjects offered by any Department within the Faculty of Science Technology and Engineering, other than the Department of Computer Science and Computer Engineering, which may be taken as part of the Bachelor of Science degree.

**Honours**

An honours degree in either science or computer science will be available to suitably qualified students and will require an additional year of full-time study. It is anticipated that in either case, students may incorporate some material from the other area in their honours program. Precise specification of this aspect of the program remains to be finalised.

**BACHELOR OF ENGINEERING (ELECTRONICS)/MASTER OF ENGINEERING (BIOMEDICAL)**

This is a concurrent degree program offered by the Department of Electronic Engineering, that enables completion of a Bachelor of Engineering (Electronics) degree in combination with a Masters level degree in Biomedical Engineering over five years of full-time study.

This program is designed for people interested in the expanding discipline of biomedical engineering, leading to a career in the professional health sector. It will provide training in electronic engineering to graduate engineer level, as well as specialised training in the specialty of biomedical engineering.

**Biomedical engineering**

The provision of first-rate health care and the prevention of disease are priorities for the 21<sup>st</sup> century. Advances in medicine in recent years have been assisted by new technology, including advanced electronic applications.

Biomedical engineers are at the forefront of the rapidly expanding, high-technology provision of these health services, including such fields as, computerised medical imaging and monitoring, artificial organs and life-support systems, hospital safety and equipment management as well as all other aspects of technology applied to medicine.

As well as meeting the requirements of the Bachelor of Engineering (Electronics) degree, the first two years of the concurrent program include basic life science training required for a career in biomedical engineering. The biomedical specialisation is commenced in third year and continues through to fifth year. In third year, students combine physiology or anatomy studies with their engineering studies. In fourth year students complete their engineering project. In the fifth and final year, students complete their thesis, along with specialist biomedical subjects.

All years of the course are overloaded by 10 or 20 credit points to enable completion of the combined program in five years of full time study.

This course is structured to allow reversion to the single BEng(Electronics) degree course at any time. Students must perform at a level satisfactory to the Head of Department in the third and fourth years of the course to be permitted to continue in the concurrent program. Practical work is an integral part of the course and is compulsory.

**Work experience**

Students are required to undertake 12 weeks of approved work experience under the guidance of an experienced engineer before graduating. This work experience is usually obtained during the vacation following the third year of the course.

**Scholarships**

First year scholarships are available for high achieving students. Prospective candidates should contact the Department of Electronic Engineering early in their Year 12 studies for details.

**First year (130 credit points)**

Sem.		Subject code	Credit points
1	Engineering Physics	PHY11ENG	15
1	Introduction to C++ Programming	CSE11IPC	15
1	Introductory Electronics	ELE11IEL	15
1	Mathematics for Engineers	MAT11EN	15
1	Organisation & Function of Cells	BIO11OF	15
2	Basic Electronic Circuits	ELE12CCT	15
2	Chemistry for Engineers	CHE12ENG	10
2	Further Mathematics for Engineers	MAT12FEN	15
2	Object Oriented Programming Using C++	CSE12OOP	15

**Second year (140 credit points)**

1	Digital Circuits	ELE21DIG	10
1	Electrical Systems and Design	ELE21ESD	10
1	Human Physiology A	HB21HPA	20
1	Linear Algebra for Engineering	MAT21ELA	10
1	Linear Circuits and Signals	ELE21LIN	10
1	Vector Calculus	MAT21AVC	10
1&2	Engineering Mechanics	PHY20MEC	10
1&2	Engineering Physics	PHY20ENG	10
2	Analog Circuits and Interfacing	ELE22ACI	10
2	Circuit Design Project	ELE22CDP	10
2	Engineering Management	ELE22EMT	10
2	Microprocessors	ELE22MIC	10
2	Partial Differential Equations	MAT22APD	10

**Third year (140 credit points)**

1	Analog Circuits and Devices	ELE31ACD	10
1	Biomedical Engineering	ELE31BME	10
1	Communication Systems	ELE31COM	10
1	Complex Analysis	MAT31ACZ	10
1	Control Systems	ELE31CTL	10
1	Engineering Management	ELE31EMT	10
1	Statistics for Life Sciences	STA21LS	20
2	Biomedical Engineering Project	ELE32BMP	10
2	Digital Signal Processing	ELE32DSP	10
2	Electronic Design Automation	ELE32EDA	10
2	RF, Microwave and Optical Transmission	ELE32RMO	10

either

2	Anatomy: Trunk and Upper Limb	HB22ATL	20
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or

2	Human Physiology B	HB22HPB	20
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**Fourth year (130 credit points)**

1	Biomedical Engineering	ELE41BME	10
1	Database Systems	CSE31DB	10
1&2	Engineering Project	ELE40ENP	50
	Applied Mathematics Project	MAT32AMP	10
2	Biostatistics	STA22BS	20
2	Clinical Engineering	ELE42CLN	10

**Electives (20 credit points)**

Two fourth-year Electronic Engineering subjects

**Fifth year (120 credit points)**

1	Applied Management for Engineers	ELE41EMT	10
1	Biostatistics	STA31BS	20
1	Master Design Project B	ELE51MPB	30
2	Master Design Project C	ELE52MPC	30
2	Software Security, Reliability and Testing	CSE32SRT	10

**Electives (20 credit points)**

Chosen from subjects in the areas of safety standards, biomedical engineering management and practice and advanced clinical engineering.



**Entry with advanced standing**

Suitably qualified students may be granted advanced entry to the course. For further information contact the Department of Electronic Engineering.

**BACHELOR OF FINANCE/BACHELOR OF SCIENCE**

This double-degree program provides the opportunity for students to undertake major studies in any area of science offered by the Faculty of Science, Technology and Engineering, while at the same time completing all the core material from the Bachelor of Finance. The double degree enables students with a vocational interest in finance to enhance their employability by a major study of germane areas of science such as mathematics, statistics and computer science. By successfully completing appropriate electives (specified below) graduates may apply for accreditation with the Australian Institute of Banking and Finance.

**Course structure**

This degree is of four years full-time or equivalent part-time duration and requires the completion of 540 credit points overall. Certain commerce, economics, legal studies, mathematics and statistics subjects are prescribed.

Normally, a student is not permitted to enrol in more than 145 credit points in a year.

To satisfy the requirements for the degree, in addition to the core subjects, students must complete all of the finance subjects, second year (80 credit points completed over the second and third years) and third year (90 credit points completed over the third and fourth years), prescribed in the lists below.

Students must include science subjects totalling at least 60 credit points at second year level and at least 90 credit points at third year level. To fulfil the requirements for a Science major, students must take at least 30 credit points at first year level, 40 credit points at second year level, and 60 credit points at third year level in a single science discipline.

For the electives, students may choose any subject for which they satisfy the prerequisites, subject to meeting the minimum credit point levels prescribed below.

<b>First year (135 credit points)</b>		
Sem.	Subject code	Credit points
1	Accounting for Management Decisions 1	AFMD1 15
1	Calculus and Functions for Economics	MAT11CFE 15
1	Introductory Macroeconomics	IMA1 15
2	Calculus and Linear Algebra	MAT12CLA 15
2	Financial Accounting	FA1 15
2	Introductory Microeconomics 1	IMI1 15
2	Statistical Science	STA12SS 15
	First year science subjects	30

<b>Second year (130-145 credit points)</b>		
1	Law of Commercial Contract	L1LCC 15
2	Law of Business Association	L1LBA 15
1/2	Management Accounting A	MA2A 15
	Second year prescribed finance subjects from the list below	30 - 65
	Second year level science subjects	20 - 50
	First or second year level electives	0 - 30

<b>Third year (130-145 credit points)</b>		
	Second year prescribed finance subjects from the list below	15 - 50
	Second year level science subjects	10 - 40
	Third year level science subjects	30 - 50
	Third year finance subjects from the list below	30 - 45
	Second or third year level electives	0 - 45

<b>Fourth year (130-145 credit points)</b>		
	Third year prescribed finance subjects from the list below	45 - 60
	Third year level science subjects	40 - 60
	Third year level electives	10 - 45

**List of second year prescribed finance subjects:**

Analyses Based on Linear Models	STA22LM	10
Applied Statistics (prerequisite for EME3)	STA21AS	10
Finance (prerequisite for IPM3/CFI/FICS3/RMA3)	FIN2	15
Financial Markets and Institutions	FMA12	15
Macroeconomic Theory (prereq for MAB3/IME3)	MAT2	15
Microeconomic Theory (prereq for IFM3/RMA3/MIA3)	MIT2	15

**List of third year prescribed finance subjects:**

Corporate Finance	CFI3	15
Finance Industry Case Study	FICS	15
International Financial Management	IFI3	15
Investment and Portfolio Management	IPM3	15
Money and Banking	MAB3	15
Risk Management	RMA3	15

**Finance electives offered by the School of Business include:**

Banking Law and Practice 2	L3BLP	15
Corporate Strategy <sup>1</sup>	CST3	15
Econometric Methods	EME3	15
Financial Accounting	FA2	
Human Resource Management 3 <sup>1</sup>	HRM3	15
International Monetary Economics	IME3	15
International Trade	ITR3	15
Management and Organisation Form <sup>1</sup>	MOF3	15
Marketing Principles & Practice <sup>2</sup>	MPAP2	15
Microeconomic Analysis	MIA3	15
Organisation Theory	OTH3	15
Taxation	TAX3	15

Key: To be eligible for AIBF accreditation students must choose subjects marked <sup>2</sup> and choose one of those marked <sup>1</sup>

The order in which students take subjects may be varied to suit individual needs. In addition, later year science subjects may be substituted for earlier year science subjects of the same value, while some prescribed business subjects may be replaced by others in special circumstances. Set out below is a summary of the requirements for each year level of the degree:

**Second year level subjects**

Required second year level finance subjects	80
In second year of the course:	30 - 65
In third year of the course:	15 - 50
Required second year level science subjects	60
In second year of the course:	20 - 50
In third year of the course:	10 - 40

**Third year level subjects**

Required third-year level finance subjects 90	
In third year of the course:	30 - 45
In fourth year of the course:	45 - 60
Required third-year level science subjects	90
In third year of the course:	30 - 50
In fourth year of the course:	40 - 60

**Honours**

An honours degree in either science or finance will be available to suitably qualified students and will require an additional year of full-time study. It is anticipated that in either case, students may incorporate some material from the other area in their honours program. Precise specification of this aspect of the program remains to be finalised.

**BACHELOR OF INFORMATION SYSTEMS/BACHELOR OF ARTS - INFORMATION SCIENCES**

For a detailed description of the course structure, see the Faculty of Humanities and Social Sciences chapter.

**BACHELOR OF INFORMATION SYSTEMS/BACHELOR OF BUSINESS**

Graduates gain skill in management information systems (including the design and use of software and applications in business organisations) together with the relevant expertise required for a career in business management. An honours degree in either information systems or business (with a specialisation in management) requires an additional year of study. Graduates are eligible for professional membership of the Australian Computer Society.

**Course structure**

The course is of four years full-time or equivalent part-time duration and requires the completion of 545 credit points overall. The syllabus is mostly fixed, although business and computer science electives constitute approximately 45% of the final two years. The workload in each of the first three years is equivalent to 12.5% more than that in either single degree. The order in which students take the subjects may be varied to suit individual needs. Further, some prescribed subjects may be replaced by others in special circumstances. Students who experience difficulty with the overloaded nature of the course may apply to transfer to either a Bachelor of Information systems or a Bachelor of Business.

**Scholarships**

First year scholarships are available for high achieving students. Prospective candidates should contact the Department of Computer

Science & Computer Engineering early in their Year 12 studies for details.

### First year (135 credit points)

Sem.	Subject code	Credit points
1	Accounting for Management Decisions	AFMD1 15
1	Discrete Mathematics	MAT11DM 15
1	Information Systems	CSE11IS 15
1	Introduction to Programming Using C++	CSE11IPC 15
1/2	Foundations of Management	FOM1 15
1/2	Introductory Macroeconomics	IMA1 15
1/2	Introductory Microeconomics	IMI1 15
2	Business and Economic Statistics 1	BAES1 15
2	Object Oriented Programming Using C++	CSE1200P 15

### Second year (135 credit points)

1	Algorithms, Data Structures and Compilers	CSE21ADC 10
1	Data Communications and Networks	CSE21NET 10
1	Database Systems	CSE21DB 10
1	Elementary Statistics and Statistical Computing for Industry	STA11SC 15
1	Management Accounting A	MA2A 15
1	System Description Techniques	CSE21SDT 10
1/2	Law of Commercial Contract	L1LCC 15
1/2	Marketing Principles and Practice 2	MPAP2 15
2	Artificial Intelligence	CSE22AI 10
2	Managerial Economics 2	MANEC2 15
2	Object Oriented Data Engineering	CSE22ODE 10

### Third year (135 credit points)

<i>Core subjects (90 credit points)</i>		
1	Fourth Generation Languages	CSE31FGL 10
1	Human Resource Management 2	HRM2 15
1	Management Information Systems	CSE31MIS 10
1/2	Organisational Behaviour	OBE2 15
2	Business Finance 2	BF12 15
2	Introduction to Professional Communication	CSE22COM 10
<i>and either</i>		
1	Management Science 2	MSC21 15
<i>or</i>		
2	Business Models 2	BMO2 15

### Electives (45 credit points)

Three second year or third year Computer Science subjects	30
One second-year or third-year business subject <sup>1</sup>	15

### Fourth year (140 credit points)

<i>Core subjects (75 credit points)</i>		
1	International Business Environment 3	IBE3 15
1	User Interface Engineering	CSE31UIE 10
1&2	Software Engineering Project	CSE30PRJ 30
2	Multimedia Systems	CSE32MS 10
2	Workload Analysis and File Structures	CSE32WRK 10

### Electives (65 credit points)

Second or third year computer science subjects	20
Three third-year business subjects <sup>1</sup>	45

Key: <sup>1</sup> Business electives must be chosen to ensure that at least one of the following majors is completed

Human Resource Management, Management, and Management Science (see below). (The subjects MIS3 and BCO3 are not permitted).

### Majors

<i>Human Resource Management</i>		
Human Resource Management 2	HRM2	15
Human Resource Management 3	HRM3	15
Industrial Relations	IRE3	15
Organisational Behaviour	OBE2	15

### Management

Corporate Strategy	CST3	15
Foundations of Management	FOM1	15
Organisational Behaviour	OBE2	15
Organisation Theory	OTH3	15

### Management Science

Business Statistics	BST2	15
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Introduction to Quantitative Analysis A <sup>1</sup>	IQA1	15 <sup>1</sup>
Management Science	MSC2	15
Organisation for Management	OFM3	15

Key: <sup>1</sup>For students enrolled in this double degree course, MAT11DM may be substituted for IQA1.

### Honours

An honours degree in either information systems or business is available to suitably qualified students and will require an additional year of full-time study. It is anticipated that in either case, students may incorporate some material from the other area in their honours program.

### BACHELOR OF LAWS/BACHELOR OF SCIENCE

See the Faculty of Law and Management chapter.

### BACHELOR OF LAWS/BACHELOR OF BEHAVIOURAL SCIENCE

See the Faculty of Law and Management chapter.

### BACHELOR OF SCIENCE/BACHELOR OF BIOINFORMATICS

This double degree provides training in molecular biology and information technology. Students gain a multi-disciplinary education in science, consisting of core subjects from areas of information technology and molecular biology and achieve prerequisites for postgraduate studies in any one of the core subjects covered in the course. In addition to their specialist training, graduates are fully trained as molecular biologists and will therefore be competitive for a broad range of research jobs.

### Course structure

To qualify for the degree, students must complete subjects to the value of at least 540 credit points, normally at least 125 to 145 points at each year level of the four year program. It is vital that all students obtain a grounding in both the molecular biology and information technology arms of the double degree. The course is deliberately designed to provide maximum flexibility to students in the third and fourth years of study. The first year is therefore prescribed to provide all of the prerequisite subjects needed for later choices of study. Many second year subjects are available in the third year to provide more breadth in student choice. The maximum number of credit points at first year level is 180 and the minimum number at third year level is 210. Up to 165 credit points of subjects are optional and can be chosen either from the list of electives or from other subjects. Individual course plans should be designed in conjunction with the Course Adviser.

Students must enrol in the zero credit point subject FSTOOELP (English Language Proficiency). This subject involves a test devised by the Language and Academic Skills Unit and is usually undertaken when students reach second year (see the Language Requirement for all students in the Faculty section).

### First year (135 credit points)

Sem.	Subject code	Credit points
1	Calculus Functions and Number Systems	MAT11CFN 15
1	Discrete Mathematics	MAT11DM 15
1	General Principles of Chemistry	CHE11GEN 15
1	Introduction to Programming Using C++	CSE11IPC 15
1	Object Oriented Programming Using C++	CSE1200P 15
2	Applications of Chemistry	CHE12APL 15
2	Calculus and Linear Algebra	MAT12CLA 15
2	Genetics, Human Biology and Evolution	BIO12GEN 15
2	Statistical Science	STA12SS 15

### Second, third and fourth years (135 credit points each)

#### Electives (240 credit points)

120 credit points of electives are to be chosen from the following list and taken during the second and third years of the course.

1	Algorithms, Data Structures and Compilers	CSE21ADC 10
1	Database Systems	CSE21DB 10
1	Linear Algebra	MAT21LA 10
1	Molecular and General Genetics	GEV21MGG 20
1	Numerical Mathematics	MAT21ANM 10
1	Probability Models and Applications	STA21PM 10
1	Proteins, Enzymes and Metabolism	BCH21PEM 15
1	Systems Description Techniques	CSE21SDT 10
1	Vector Calculus	MAT21AVC 10
2	Artificial Intelligence	CSE22AI 10
2	Biostatistics	STA22BS 20

2	Cellular Regulation and Gene Expression	BCH22RGE	20
2	Object Oriented Data Engineering	CSE22ODE	10
2	Partial Differential Equations	MAT22APD	10
2	Systems Programming in C and UNIX	CSE12SYS	15

A further 120 credit points of electives are to be chosen from the following list and taken during the third and fourth years of the course.

1	Biological Macromolecules and Molecular Biology	BCH31MMB	30
1	Biostatistics	STA31BS	15
1	Molecular Genetics, Genome Organisation, Function and Evolution	GEV31MGG	30
1	Probability Models and Applications	STA31PM	15
1&2	Software Engineering Project	CSE30PRJ	30
2	Analyses Based on Linear Models	STA32LM	15
2	Applied Mathematics Project	MAT32AMP	20
2	Molecular Cell Biology	BCH32MCB	30
2	Molecular Structure and Modelling	BIN32MOL	10
2	Sequence and Structure Analysis	BIN32SEQ	10

Key: <sup>1</sup> Not available in 2000.

### Other subjects (165 credit points)

The remaining 165 credit points may be selected from subjects in the above lists not already taken or from other subjects offered by the Faculty of Science, Technology and Engineering or by other faculties.

### BACHELOR OF SCIENCE/BACHELOR OF COMMERCE

This double-degree program provides the opportunity for students to undertake major studies in any area(s) of science offered by the Faculty, while at the same time completing studies in commerce, economics and legal studies, leading to accreditation with the Australian Society of CPAs and the Institute of Chartered Accountants in Australia. Depending on the choice of science subjects, accreditation with the relevant science professional association is also possible.

#### Course structure

The course is of four years full-time or equivalent part-time duration and requires the completion of 545 credit points overall. For professional accreditation purposes, 16 commerce, economics and legal studies subjects are prescribed. Students may choose any science subjects for which they satisfy the prerequisites, subject to meeting the minimum credit point levels prescribed below and also subject to the limits which apply in the general Bachelor of Science on the amount which may be taken from one discipline area. Students who experience difficulty with the overloaded nature of the course may apply to transfer to either a Bachelor of Science or a Bachelor of Commerce.

To satisfy the requirements for the BSc/Com program, a student must complete the following subjects:

#### First year (135 credit points)

Sem.	Subject code	Credit points
1	Accounting for Management Decisions <sup>1</sup>	AFMD1
1/2	Introductory Macroeconomics 1	IMA1
1/2	Introductory Microeconomics 1	IMI1
1/2	Management Information Systems 1	MIS1
2	Business and Economic Statistics 1	BAES1
2	Financial Accounting 1	FA1
	First year science subjects	45

#### Second year (130 credit points)

1	Management Accounting A	MA2A	15
1/2	Financial Accounting 2	FA2	15
1/2	Law of Business Association	L1LBA	15
1/2	Law of Commercial Contract	L1LCC	15
	First year science subjects		30
	Second year science subjects		40

#### Third year (130-140 credit points)<sup>1</sup>

1	Taxation	TAX3	15/12
	Financial Accounting 3	FA3	15
2	Finance	FIN2	15
2	Management Accounting B	MA2B	15
	Second-year science subjects		40
	Third-year science subjects		30-40

#### Fourth year (140-150 credit points)<sup>1</sup>

2	Auditing	AUD3	15
2	Advanced Accounting	AAC3	15
	One third-year accounting subject and either		

1	Corporate Finance 3	CFI3	15
or			
2	Investment and Portfolio Management 3	IPM3	15
	Second year and/or third year electives		45
	Third year science subjects <sup>2</sup>		50 - 60

Key: <sup>1</sup> The total number of credit points required over the third and fourth years is 280. <sup>2</sup> A total of 90 credit points is required for the prescribed third-year science subjects (normally either 30 and 60 or 40 and 50 in years 3 and 4, respectively).

The order in which students take the subjects may be varied to suit individual needs. Further, later year science subjects may be substituted for earlier year science subjects of the same value, while some prescribed business subjects may be replaced by others in special circumstances. For students with the appropriate prerequisites, STA 12SS: (Statistical Science) may be taken in place of BAES1 (Business and Economic Statistics 1).

### Honours

An honours degree in either science or commerce is available to suitably qualified students and will require an additional year of full-time study. It is anticipated that in either case, students may incorporate some material from the other area in their honours program.

### BACHELOR OF SCIENCE (HONOURS)/BACHELOR OF ENGINEERING (ELECTRONICS)

This double-degree program enables students to complete an honours degree in science in combination with a degree in electronic engineering. Students can choose to study any science discipline which is available in the Faculty, subject to timetable constraints. The program provides flexibility of choice so that students do not become locked into their chosen area of study early in their degree. There is time and scope for students to change their minds.

#### Work experience

It is a requirement for graduate membership of the Institution of Engineers, Australia that students undertake 12 weeks of approved work experience under the guidance of an experienced engineer before graduating. This work experience is usually obtained during the vacation following the end of either third or fourth year.

#### Scholarships

First year scholarships are available for high achieving students. Prospective candidates should contact the Department of Electronic Engineering early in their Year 12 studies for details.

#### Course structure

The course pathways are designed to provide a variety of science specialisations with honours to complete the double degree after five years. The compaction of the course is accommodated by fractional overloads of approximately 15% per year compared with a normal BSc or BEng (Electronics) program.

In the first year of the course students undertake studies in mathematics, physics, computer science and electronic engineering and choose additional science subjects. The strong science base is maintained in the second year, with elective science subjects. In years three to five, the chosen specialist subjects are combined with studies in Engineering. The science honours thesis is completed in the fourth year. The course is designed to permit students to terminate studies after three years with a BSc degree, so that students are not disadvantaged if they decide not to complete the full five years. Progression to the fourth year of the program is conditional on completion of the first three years at a level sufficient for entry into the honours degree of the science major.

#### First year (135 credit points)

Sem.	Subject code	Credit points
1	Engineering Physics <sup>1</sup>	PHY11ENG
1	Introduction to Programming Using C++	CSE11IPC
1	Introductory Electronics	ELE11IEL
1	Mathematics for Engineers	MAT11EN
2	Basic Electronic Circuits	ELE12CCT
2	Electronic Engineering Design Project	ELE12EDP
2	Further Mathematics for Engineers	MAT12FEN
	Elective - PHY 12MTR is recommended	5

Key: <sup>1</sup> PHY11ENG can be replaced with a 15 credit point elective if PHY10SCI is chosen as an elective.

#### Electives (30 credit points)

Students will choose subjects worth 30 credit points from subjects offered by the Faculty. Students must include sufficient prerequisites

to lead to 60 points in the chosen science discipline at third year.

## Second year (135 credit points)

### Core subjects (95 credit points)

1	Digital Circuits	ELE21DIG	10
1	Linear Algebra for Engineering	MAT21ELA	10
1	Linear Circuits and Signals	ELE21LIN	10
1	Vector Calculus	MAT21AVC	10
1&2	Engineering Mechanics	PHY20MEC	10
1&2	Engineering Physics <sup>1</sup>	PHY20ENG	10
2	Analog Circuits and Interfacing	ELE22ACI	10
2	Engineering Management	ELE12EMT	5
2	Microprocessors	ELE22MIC	10
2	Partial Differential Equations	MAT22APD	10

Key: <sup>1</sup> PHY20ENG can be replaced by a 10 credit point elective if PHY20SCI is taken.

### Electives (40 credit points)

Students will choose subjects worth 40 credit points from subjects offered by the Faculty. Students must include sufficient prerequisites to lead to 60 credit points in the chosen science discipline at third year.

## Third year (140 credit points)

### Core subjects (80 credit points)

1	Analog Circuits and Devices	ELE31ACD	10
1	Communication Systems	ELE31COM	10
1	Control Systems	ELE31CTL	10
2	Circuit Design Project	ELE22CDP	10
2	Digital Signal Processing	ELE32DSP	10
2	Electronic Design Automation	ELE32EDA	10
2	Engineering Management	ELE22EMT	10
2	RF, Microwave and Optical Transmission	ELE32RMO	10

## Science major (60 credit points)

Subjects in the chosen science discipline

60

## Fourth year (140 credit points)

### Core subjects (60 credit points)

	Complex Analysis	MAT31ACZ	10
	Engineering Management	ELE31EMT	10
	Third year applied mathematics or Statistics subject or other approved science subject		10

plus two from (in keeping with the student's chosen speciality):

	Biomedical Engineering	ELE31BME	10
	Embedded Processors	ELE31EMP	10
	Instrumentation and Sensors	ELE32INS	10
	Telecommunication Devices, Circuits and Systems	ELE32TEL	10

and one from:

	Biomedical Engineering Project	ELE32BMP	10
	Communication Engineering Project	ELE32CMP	10
	Electronic Systems Engineering Project	ELE32ESP	10
	Optical Engineering Project	ELE32OPP	10

### Science major (80 credit points)

Fourth year course-work and thesis from the chosen science discipline.

80

## Fifth year (140 credit points)

### Core subjects (110 credit points)

1	Applied Management for Engineers	ELE41EMT	10
1	Design for Production	ELE41DES	10
1&2	Engineering Project	ELE40ENP	50

plus four subjects from the following in keeping with the chosen stream:

1	Advanced Analog Electronics	ELE41AAE	10
1	Advanced Digital Systems Design	ELE41ADD	10
1	Advanced Signal Processing	ELE41ASP	10
1	Advanced Topics A	ELE41ATA	10
1	Biomedical Engineering	ELE41BME	10
1	Directed Study <sup>1</sup>	ELE41DIR	10
1	Optical Fibre Communication Systems	ELE41OFC	10
1	Reconfigurable Computing Hardware	ELE41RCH	10
1	RF Design	ELE41RFD	10
2	Advanced Communication Systems	ELE42ACS	10
2	Advanced Topics B	ELE42ATB	10
2	Antennas and Propagation	ELE42ANT	10
2	Clinical Engineering	ELE42CLN	10
2	Communication Networks	ELE42NET	10
2	Digital Control Theory	ELE42DCT	10
2	Image Processing and Coding	ELE42IPC	10

## 2 Optical Fibre Sensors ELE42OFS 10

## Science major (20 credit points)

Course-work from the relevant science discipline

20

## Electives (10 credit points)

Approved fourth year science or engineering subject

10

Key: <sup>1</sup>Enrolment in ELE41DIR requires the approval of the Course Adviser.

### Honours year

The honours thesis in the particular scientific discipline chosen must be approved by the discipline concerned and be accepted by the Department of Electronic Engineering as applicable to engineering. Successful students are awarded first class, second class (upper division), second class (lower division) or third class honours. The course is fully accredited by the Institution of Engineers, Australia.

### Graduate Diploma Programs offered in the Faculty

*Graduate Diploma's are fee paying courses. In some instances Departments may be able to offer Scholarships or other financial assistance.*

### GRADUATE DIPLOMA IN COMPUTER SCIENCE

This course provides a sound professional education in computing for graduates of disciplines other than computer science. Theoretical and applied studies prepare graduates to work as computer specialists or to apply skills and knowledge in computing to their own professions. The principal objective of this course is to provide, for graduates of any discipline, a sound professional education in the discipline of computer science. The course includes both theoretical and applied studies and extensive practical experience.

This course is recommended, not only for those who wish to train for a career with computers, but also for anyone who would like to embark upon further studies which are relevant to their employment and to contemporary society. By making an appropriate choice of subjects, a student may pursue a course oriented towards theoretical, scientific, commercial or educational computing. Thus, the course is well-suited to the prospective computer practitioner and to the teacher who wishes to become involved in the teaching and/or use of computing in schools. It provides an excellent springboard for further postgraduate study in computer science via the Postgraduate Diploma in Computer Science.

### Admission requirements

Applicants are normally required to have obtained a pass degree in a discipline other than computer science. Consideration may be given to people with other tertiary qualifications, provided that they have relevant work experience. No previous knowledge of computer science is required or assumed. The course does, however, presume a level of mathematical knowledge and ability equivalent at least to VCE mathematics. Preference is given to applicants who have demonstrated a high level of academic achievement and who have successfully completed at least Year-12 mathematics.

### Course structure

This is a one-year full-time course offered over three semesters, (Summer, Semester 1 and Semester 2). The course is also offered part-time and is normally completed over three years or six semesters. However, part-time students may complete the course over two-years or may individually tailor their program of study to suit their own requirements. Students complete subjects totalling 145 credit points (85 credit points core and 60 credit points of elective subjects).

The full-time course commences in the summer semester in January, eight weeks before the start of the University year. The course is very demanding and requires students to complete, in a single year, all of the subjects completed by part-time students over three-years. The part-time course commences at the start of the University year (first week in March).

### Class requirements

For full-time students, the syllabus for CSE 1SIPC, CSE1SOOP and MAT 1SDM is covered in the eight week period before the start of the University's first semester. This is an intensive hands-on course with classes from 9.00 am to 1.00 PM and from 2.00 PM to 5.00 PM each day. Contact hours during semester amount to approximately 20 hours per week.

For part-time students, there are approximately eight contact hours per week at each year level, plus several hours of practical work to be completed in the students' own time.

### Scholarships

The Department offers a number of scholarships valued at \$2,000 to Australian residents enrolled in a full-time program. Further details may be obtained from the Department of Computer Science &

# Computer Engineering.

## Full-time course structure

(145 credit points)

### Core subjects (85 credit points)

Sem.		Subject code	Credit points
1	Algorithms, Data Structures and Compilers	CSE21ADC	10
1	Computer Organisation <sup>1</sup>	CSE21COR	10
1/2	Artificial Intelligence	CSE21A/22AI	10
2	Programming Project	CSE32PRO	10
S	Discrete Mathematics	MAT1SDM	15
S	Introduction to Programming Using C++	CSE1SIPC	15
S	Object-Oriented Programming	CSE1SOOP	15

Key: <sup>1</sup>This subject may be replaced with another second or third-year computer science subject with the approval of the Course Adviser.

### Electives (60 credit points)

Students must enrol in six subjects chosen from the following list. Each subject is worth 10 credit points.

First semester	Subject code
Data Base Systems	CSE31DB
Data Communications and Networks	CSE31NET
Fourth Generation Languages	CSE31FGL
Management Information Systems	CSE31MIS
Numerical Computation	CSE31NC
Software Techniques and Metrics	CSE31STM
System Description Techniques	CSE21SDT
User Interface Engineering	CSE31UIE

### Second semester

Artificial Intelligence	CSE32AI
Computer Architecture	CSE32ARC
Graphics Programming	CSE32GRA
LANs and WANs	CSE32 LAN
Microprocessors and Assembly Language	CSE22MAL
Multimedia Systems	CSE32MS
Networks and Systems Security	CSE32NSS
Object Oriented Data Engineering	CSE32ODE
Operating Systems	CSE32OS
Parallel Computing	CSE32PAR
Software Security, Reliability and Testing	CSE32SRT
Workload Analysis and File	CSE32WRK

Some subjects may be offered in different semesters and may not be available every year. Some subjects have special prerequisites.

### Part-time course structure

(145 credit points)

#### First year (45 credit points)

Sem.		Subject code	Credit points
1	Introduction to Programming Using C++	CSE11IPC	15
1&2	Discrete Mathematics	MAT10DM	15
2	Object Oriented Programming Using C++	CSE120OP	15

#### Second year

(30 credit points)

1	Algorithms, Data Structures and Compilers	CSE21ADC	10
1	Computer Organisation	CSE21COR	10
1/2	Artificial Intelligence	CSE22AI	10

#### Third year

(70 credit points)

#### Core subject (10 credit points)

2	Programming Project	CSE32PRO	10 <sup>2</sup>
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Key: <sup>2</sup>Part-time students may be permitted to undertake the larger software engineering project CSE30PRJ (30 credit points) after consulting with the course coordinator. In this case, the number of elective points required is reduced to 40.

### Electives

(60 credit points)

Students must enrol in six subjects. Each is worth 10 credit points. See list under full-time course structure above.

## GRADUATE DIPLOMA IN ENVIRONMENTAL MANAGEMENT - ALBURY/WODONGA

This course is only offered at the Albury/Wodonga campus.

Coordinator: Dr Percival Thomas

This course offers specialisations in waste management and catchment management. The course is designed for people already employed locally in areas that involve the need to make decisions on environmentally sensitive issues and to justify these decisions to employers and to the local community. It aims to produce graduates who can not only make sound management decisions which, at the

same time, have beneficial consequences for the environment and for the quality of life in the region, but who can also explain and justify those decisions within their local community.

Students take subjects designed to improve their knowledge of the ecology of the local area and to introduce them to the problems of environmental management, including the human, economic and legal aspects. All students undertake a project chosen in consultation with the staff running the course and, if appropriate, their employer. Optional studies are available to enable each student to tailor the course to their particular interests or perceived needs.

The course is of immediate relevance for teachers, particularly secondary school teachers involved in environmental studies programs of various kinds. The graduate diploma provides an opportunity to obtain a formal qualification in an area of increasing community importance, and with the local emphasis that is so important when dealing with environmental issues in the classroom. The course is designed to be completed in two years of part-time study.

### Admission requirements

To satisfy the general entrance requirements, students must hold a degree, diploma or approved equivalent qualification that involved at least a sequential three-year study, or satisfy such requirements for special admission as may be determined from time to time, for example, a demonstrated history of employment at an appropriate level and in a relevant area.

### Course structure

The course consists of seven compulsory subjects and one elective subject which comprise a total of 120 credit points. The compulsory subjects are:

Sem.		Subject code	Credit points
1	Project B	WEM41PB	15
1	The Australian Environment-Ecology and Conservation	WEM41ECB	15
1	Waste Management	WEM41WM	15
2	Catchment Management	WEM42CM	15
2	The Australian Environment-Legal and Human Aspects	WEM42ELH	15
2	Project A	WEM42PA	15
2	The Australian Environment-Ecology and Conservation	WEM42ECA	15

### Elective subject (15 credit points)

students choose one subject from the following:

1	Advanced Catchment Management	WEM41ACM	15
1	Advanced Waste Management	WEM41AWM	15

For the project, students are required to undertake a piece of work that has direct application to their employment or a perceived community need, and develop their ability to apply specialist skills from traditional disciplines to the solution of environmental problems. Formal class time comprises one evening class of three hours per week. Additional attendance at weekend excursions, background reading and completion of assignments will require approximately eight additional hours per subject per week. Students will be provided with information on reading lists and the pattern of assessment at the first lecture.

## GRADUATE DIPLOMA IN GEOLOGY

This is a one-year program designed to enable Bachelor of Science graduates with a geological background to advance their geological studies. The graduate diploma allows students to specialise in such disciplines as minerals geology, geophysics, petroleum geology, hydrogeology and environmental geology or to do general geological studies. The program comprises nine postgraduate subjects (up to four of which may be third-year subjects), a short project which may be the Easter field camp, a detailed literature review and a seminar presentation, all of which are assessed. For further information, contact Dr C. Gray, Department of Earth Sciences.

## GRADUATE DIPLOMA IN MATHEMATICAL AND INFORMATION SCIENCES

This is a flexible program providing an excellent opportunity for graduates to update their qualifications or to retrain in the areas of computer science, mathematics or statistics. The course is open to applicants with a La Trobe University pass degree or its equivalent. It consists of computer science, mathematics and statistics subjects having a total work value of 120 credit points, including at least 60 credit points at third year level. Credit for previous work is not normally granted. Work towards the degree is normally spread over two or three years of part-time study. In special cases, a full-time enrolment of not less than one year may be approved.

**GRADUATE DIPLOMA IN PSYCHOLOGY**

This course provides the opportunity for graduates in other disciplines to undertake the three-year sequence of Psychology, PSY11PYA/12PYB, PSY21PYA/22PYB, PSY30P, and either PSY20TOP/30TOP, PSY20BN or PSY30APP as preparation for fourth-year and postgraduate study in psychology. The undergraduate psychology program is accredited by the Australian Psychological Society (APS). Graduate diploma students will participate and be assessed in exactly the same way as students enrolled in the Bachelor of Behavioural Science (BBS) program. Subject details are listed below. Due to the limited number of places available and the large number of applications, a B average (Distinction) across previous tertiary studies is expected. Applicants who have a recently completed first-year, APS-accredited, undergraduate psychology subject from their previous degree may be given approval to enter at second-year level if their first-year subject is deemed to be equivalent to PSY11PYA and PSY12PYB. Similarly, students with a two-year sequence of approved psychology subjects may be able to study PSY30P. As it is not possible to proceed to later years in psychology before having completed the earlier years, the course will require three years of part-time study: six hours a week for PSY11PYA and PSY12PYB, eight hours a week for PSY21PYA and PSY22PYB, 12 hours a week for PSY30P and either three hours a week for PSY20TOP/30TOP, eight hours a week for PSY20BN, or eight hours a week for PSY30APP. No evening classes are available.

**Undergraduate and honours subjects offered by the Faculty**

All undergraduate and honours subjects offered by the Faculty are described below in alphabetical order of their disciplines, within year levels.

**First year****Agricultural Science****AGRICULTURAL GENETICS (15 CPs. Sem. II. Bu.) BIO12AGG Ms**

Tania Blanksby

*This subject is not available to students enrolled in the BSc in Biological Sciences.*

The subject combines lectures on the principles of genetics with an introduction to plant and animal breeding. The genetics topics include terminology, mitosis and meiosis, independent assortment, linkage, sex determination, genetics of haploid organisms, population genetics, Hardy-Weinberg equilibrium. The subject will examine genetic variability, quantitative genetics, genotype and environment, selection and breeding methods, incompatibility, genetic gain and character improvement with specific emphasis on agricultural examples. Prerequisite: AGR 11SYS.

Incompatible subject: BIO 12GEN.

*Class requirements:* three 1-hour lectures, one 3-hour practical class per week.

*Assessment:* one 3-hour examination (80%), practical assignments (20%).

**Prescribed reading:**

Campbell, N. A. *Biology*, 5<sup>th</sup> edn, Benjamin Cummings 1999.

**AGRICULTURAL PRACTICE (15 CPs. Sem. I & II. Bu.) AGR10AP Dr**

Richard Luke

This subject continues throughout the four years of the course. Students are acquainted with as many practical aspects of agriculture as possible through excursions, participation in agricultural work experience and other practical assignments. In this manner, practical agricultural procedures are related to the scientific and economic information gained from more formal subjects. Students are expected to undertake work experience spread over 12 weeks during the course and over three differing agricultural enterprises and to report on each work period in a format described in documents available from the Agricultural Practice Committee of the Department. Candidates are awarded marks and grades as in all other subjects. *Assessment:* assessment is made for excursion assignments, agricultural practice reports, a plant collection and other reports.

**Prescribed reading:**

Lamp, C. A. and Collett, F. *A field guide to weeds in Australia*, Inkata 1989.

Lamp, C. A., Forbes, S. J. and Cade, J. W., *Grasses of temperate Australia: a field guide*, Inkata 1990.

**AGRICULTURAL SYSTEMS (15 CPs. Sem. I. Bu., Aw., Mi.) AGR11SYS Dr Chris Bell**

*Offered at Mildura subject to sufficient enrolments.*

An introductory subject about agriculture and farming systems of Australia. The main areas covered are the history and current situation of agriculture in Australia, climatology of agricultural

ecosystems, contemporary agricultural issues, e.g., sustainability, the impact of global warming on agriculture and the impact of agriculture on the environment, cropping systems, horticulture, pastures and extensive and intensive animal systems.

*Class requirements:* three 1-hour lectures and one 3-hour practical class per week.

*Assessment:* one 3-hour final examination (75%), assignments and practical class reports 25%.

**Prescribed reading:**

Malcolm L., Sale P. W. and Egan A. *Agriculture in Australia*, Oxford University Press, 1996.

**AGRICULTURE IN THE AUSTRALIAN ECONOMY (15 CPs. Sem. I. Bu., Aw., Mi.) AGR11AAE**

*Offered at Mildura subject to sufficient enrolments.*

This is an introduction to agricultural economics, with particular reference to key principles of economic theory and their application to the study of some contemporary problems facing individual farms, agricultural industries and governments. The subject covers three main areas, Australia's agricultural environment, agriculture in the Australian economy and introduction to the economics of the farm firm. An introduction to computing in agricultural sciences is included.

*Class requirements:* two lectures and one tutorial per week. Computing in agricultural sciences, up to 13 lectures and 12 2-hour practical classes.

*Assessment:* tests, assignments (40%) and examinations (60%).

**Prescribed reading:**

Campbell, K. O. (ed.) *The scientific basis of modern agriculture*, Sydney UP 1986.

Cribb J. (ed.) *Australian agriculture. The complete reference on rural industry*, Morescope Pty Ltd 1991.

Makeham, I. P. and Malcolm, L. R. P. *The farming game now*, Cambridge U, 1993.

**ANIMAL SYSTEMS (15 CPs. Sem. I. Bu.) AGR11ANS Dr Mark Sandeman**

*Offered at Mildura subject to sufficient enrolments.*

In this subject students will gain an overview of animals in wild and domesticated situations, their management, welfare and basic requirements. The subject will tie together the various basic sciences concerned with animals to provide an introduction to the issues and major topics that concern those interested in maintaining viable, healthy and thriving animal populations in both managed and wild habitats. Specific topics may include animal handling and welfare, animal environments and animal management. These and other aspects of both wild and domestic animal science will be illustrated by field trips and practical exercises involving animal handling and maintenance.

*Class requirements:* three 1-hour lectures and one 3-hour practical per week.

*Assessment:* excursion reports (20%), practical exercises (20%) one 2-hour examination (60%).

**VINE PRODUCTION, PROPAGATION AND ESTABLISHMENT (15 CPs. Sem. I. Bu. Aw. Mi.) AGR11VPE Dr Judy Tisdall**

Students will be introduced to the principles of production and propagation of vines and the establishment of vineyards. The following topics will be covered in lectures; propagation and culture media; selection of suitable material for propagation; propagation procedures; varietal differences; preparation of soil for planting; planting of vines; irrigation and trellis systems; fertiliser requirements of young vines; protection of young vines. Lectures will be complemented by practical classes in which students will gain experience with the procedures described during lectures.

*Class requirements:* three 1-hour lectures and one 3-hour practical class per week.

Practical classes will be delivered at relevant TAFE Institutes.

*Assessment:* practical class reports (25%), one 3-hour written examination (75%).

**Prescribed reading:**

Coombe, B. G. and Dry, P. R. (eds) *Viticulture*, Vols I and 2, Wine Titles, Adelaide.

Smart, R.E. and Robinson, M. *Sunlight into Wine*, Wine Titles, Adelaide.

**VINEYARD CULTIVATION AND MAINTENANCE (15 CPs. Sem. II. Bu. Aw. Mi.) AGR12VCM Dr Judy Tisdall**

Students will be introduced to the principles underpinning the use of cultivation, irrigation, spraying, harvesting and other equipment used for cultivation and maintenance of vineyards. The characteristics of the equipment and the principles underpinning use of the equipment will be described in lectures and experience with the use of the equipment will be gained during practical classes designed to complement the lectures.

*Prerequisite:* AGR11VPE.



**Class requirements:** three 1-hour lectures, one 3-hour practical class per week or equivalent. Practical classes will be delivered at relevant TAFE Institutes.

**Assessment:** practical class reports (25%), one 3-hour written examination (75%).

**Prescribed reading:**

Coombe, B. G. and Dry, P. R. (eds) *Viticulture*, Vols I and 2, Winetitles, Adelaide

Smart, R. E. and Robinson, M. *Sunlight into Wine*, Wine Titles, Adelaide.

## Biology

**VITICULTURAL PRACTICE (5 CPs. Sem. I & II. Bu. Aw., Mi.)**

**AGR10VPR** Dr Richard Luke and Dr Judy Tisdall

Students will be introduced to and participate in practical aspects of viticultural production by undertaking field experience on commercial vineyards. The requirements for the work experience are completed as a block of three weeks of intensive field experience undertaken during intra- or inter-semester periods. Whilst the practices to which an individual student may be introduced may vary, the range of practices will include: vineyard establishment, tillage, irrigation, pruning, disease and pest control, weed control, harvesting and fertiliser application. Students are required to prepare a collection of 30-40 weeds of vineyards and environs. In addition students are required to submit a report on the vineyard, covering such features as location, climate information, soil characteristics, cultural operations undertaken and a gross margin for the vineyard.

**Class requirements:** intensive period(s) totalling three weeks during non-semester periods.

**Assessment:** plant collection and oral examination based on the collection (40%); written report (up to 3000 words) of vineyard (60%).

**Prescribed reading:**

Coombe, B. G. and Dry, P. R. (eds) *Viticulture*, Vols I (1998) and 2 (1992), Winetitles, Adelaide.

Smart, R. E. and Robinson, M. *Sunlight into Wine*, Wine Titles, Adelaide 1991.

## Biology

**ANIMAL DIVERSITY, ECOLOGY AND BEHAVIOUR (15 CPs. Sem. I. Bu., Mi., Aw.) BIO11AD/WBI11AD** Bu: Dr Brian Malone. Aw: Dr Dennis Black

This is an introductory subject for students wishing to pursue advanced studies in biology subjects in subsequent years. It may also serve as a one-semester terminal subject. It consists of an introduction to animal diversity, ecology and behaviour. The subject provides an introduction to the biology of animals, including the origin of the first animals and an evolutionary approach to the study of the protozoa, sponges, cnidarians, flatworms and nematodes, as well as the two major lines of coelomate animals, the annelid-arthropod-mollusc line and the echinoderm-chordate line, including a treatment of the origin of our own phylum, the Chordata and of the vertebrate classes; and concepts in animal ecology, such as the ecosystem, community, food web, energy flow, predation, parasitism and competition. The study of animal behaviour covers instinctive behaviour, learning and memory, social behaviour and the development of behaviour in an individual.

**Prerequisite:** Units 3 and 4 and one of Chemistry, Physics, Specialist Mathematics or Mathematical Methods. Students from other faculties require a student adviser's approval.

**Class requirements:** three 1-hour lectures per week and one 3-hour practical class per week. Students should obtain from the University Bookshop a copy of the Biology 11AD subject and lecture guide/practical notes, an A4 sketch pad, laboratory coat and dissecting kit before the first practical, which is held during the first week of the semester. The practical component includes dissections of dead animals by students working under supervision.

**Assessment:** one 2-hour theory examination (50%), one 1.5-hour practical examination (30%), practical work (10%) and practical reports (10%).

**Prescribed reading:**

Hickman, C. P., Roberts, L. S. and Larson, A. *Integrated principles of zoology*, 10<sup>th</sup> edn, Wm. C. Brown, 1997.

**GENETICS, HUMAN BIOLOGY AND EVOLUTION (15 CPs. Sem. II. Bu., Aw., Mi.) BIO12GEN/WBI12GEN** Bu: Ms Tania Blanksby, Aw: Dr Susan Lawler

This is an introduction to general genetics and human biology suitable for students intending to pursue further studies in these areas or as a one-semester terminal subject. Included is the history and importance of genetics in understanding human nature and in improving quality of life, the nature and functioning of the genetic

message, the mechanics of inheritance, developmental and quantitative genetics, genes in populations, conservation and ecological genetics, human behavioural genetics and the significance of human genetic variation, genetics in larger evolutionary patterns, the origin of life, speciation, macro-evolution and the origins of modern humans.

**Incompatible subject:** BIO12AGG.

**Class requirements:** three 1-hour lectures and one 3-hour practical or workshop per week.

**Assessment:** performance in practical classes and workshops (10%) and one 3-hour written examination (90%).

**Prescribed reading:**

Campbell, N. A. *Biology*, 5<sup>th</sup> edn, Benjamin Cummings 1999.

**ORGANISATION AND FUNCTION OF CELLS AND ORGANISMS (15 CPs. Sem. I. Bu., Aw., Mi.) BIO110F/WBI110F** Bu: Professor Roger Parish and Dr Peter Frappell. Aw: Dr Roger Croome

This subject covers cells and their molecular organisation, including methods for studying cells, cell structure, structure and function of sub-cellular organelles and components, features of prokaryotic and eukaryotic cells, the activities of cells, including production of energy, cell cycle, role of proteins in cells, role of DNA and RNA in the synthesis of proteins and gene control, from cells to multicellular organisms. Also studied is structure and function of various systems and their co-ordination in animals, from cells to multicellular organisms, basic concepts underlying animal design and the interaction of animals with their environment.

**Prerequisite:** Students from other faculties require approval by a student adviser.

**Class requirements:** three 1-hour lectures per week and one three-hour practical class per week. Students are required to purchase a special manual for use in conjunction with practical work. The manual (and other equipment necessary for the practical classes) is available before the beginning of the academic year. Details will be made available to students at enrolment.

**Assessment:** one 2hr 45mins end of semester exam (88%), laboratory attendance (compulsory) and assessment of practical work (12%).

**Prescribed reading:**

Starr, C. and Taggart, R. *Biology: The unity and diversity of life*, 8<sup>th</sup> edn, Wadsworth Publishing Company, 1998.

**Recommended reading:**

(for students wishing to continue in second year Zoology)

Schmidt-Nielsen, K. *Animal Physiology*, 5<sup>th</sup> edn, Cambridge UP 1997.

**PLANT SCIENCE (15 CPs. Sem. II. Bu., Aw., Mi.) BIO12PS/WBI12PS** Bu: Dr Bill Woelkerling Aw: Dr P. Pridmore

This is an introduction to the scientific study of plants and related organisms and the application of this knowledge to some current biological problems. The structure and function of higher plants is considered in an integrated manner in relation to carbon assimilation, uptake and transport of water and minerals and the regulation of growth and development. Botanical ecology and evolutionary biodiversity is approached in terms of the biosphere and its ecological organisation, the functional significance of botanical biodiversity in the biosphere, environmental forces and the major vegetation types on Earth, present day botanical biodiversity, adaptation and evolutionary trends in plants and a summary analysis of ecological and evolutionary concepts in the context of the Australian continent.

**Prerequisite:** Students from other faculties require approval by a student adviser.

**Class requirements:** three 1-hour lectures per week and one 3-hour practical class per week. Students are required to purchase a special manual for use in conjunction with practical work. The practical manual (and other equipment necessary for the practical component) is available before the beginning of the semester. Details will be made available to students on enrolment.

**Assessment:** one, 1hr 45mins end of semester exam (70%), one practical examination during semester (20%) practical assignments during semester (10%) and laboratory attendance (compulsory).

**Prescribed reading:**

Costermans, L. F. *Trees of Victoria and adjoining areas*, 5<sup>th</sup> edn, Costermans Publishing 1994.

Raven, P. H., Evert R. F. and Eichhorn, S. E. *Biology of plants*, 6<sup>th</sup> edn, Worth 1998.

## Chemistry

**APPLICATIONS OF CHEMISTRY (15 CPs. Sem. II. Bu., Aw., Mi.)**

**CHE12APL/WCH12APL** Bu: Dr Jeff Rowe. Aw: Dr John Hill

Subjects studied include chemistry of solutions, equilibrium, entropy and free energy, acid-base equilibria, electrochemistry and chemical

kinetics. The subject also examines chemicals in our environment, such as soaps, detergents, cleaning agents, water treatment to remove hardness and bacteria, pesticides and their analysis using chromatography. Chemistry of life: acid derivatives; food chemistry, amino acids and proteins, carbohydrates and synthetic polymers are also covered, along with metals in our environment, coordination compounds and the analysis of the metallic elements using spectroscopy. *Co-requisite:* CHE11GEN or CHE11BAS.

*Class requirements:* three 1-hour lectures and one 3-hour laboratory or workshop class per week.

*Assessment:* one 2-hour examination (70%), laboratory reports (20%) and workshops (10%). The laboratory course is compulsory and an attendance requirement applies.

#### Prescribed reading:

Chang, R. *Chemistry*, 6<sup>th</sup> edn, McGraw-Hill, 1993.

**BASIC CHEMISTRY (15 CPs. Sem. I. Bu., Aw., Mi.), CHE11BAS/WCH11BAS** *Bu: Dr Jeff Rowe. Aw: Dr John Hill*

Students study the chemistry of atoms and molecules, atoms, molecules and ions, quantum theory and the electronic structure of the atom, periodic relationships among the elements, chemical bonding and molecular geometry. Also studied is the chemistry of carbon compounds, hydrocarbons, delocalised bonding and aromatics, alkyl halides, hydroxyl compounds, aldehydes and ketones and acids. In addition, gases and liquids, the properties of gases, thermochemistry, intermolecular forces, physical properties of solutions and acids and bases.

*Class requirements:* three 1-hour lectures and one 3-hour laboratory or workshop class per week.

*Assessment:* one 2-hour examination (64%), laboratory reports (20%), workshops and class tests (16%). The laboratory course is compulsory and an attendance requirement applies.

#### Prescribed reading:

Chang, R. *Chemistry*, 6<sup>th</sup> edn, McGraw-Hill, 1993.

**CHEMISTRY FOR ENGINEERS (10 CPs. Sem. II. Bu.) CHE12ENG** *Dr Bruce James*

*Not appropriate as a basis for further studies in general chemistry.* Chemistry of particular relevance for students in engineering related disciplines is covered. The emphasis is on materials science (polymers, electrical properties of solids), electrochemistry (conductance in solids and electrolytes, electrochemical cells, corrosion) and the chemistry of photographic and related processes (printed circuits, silicon-chip technology).

*Class requirements:* two 1-hour lectures and one 3-hour laboratory or workshop class per week.

*Assessment:* one 1.5-hour examination (75%), laboratory reports and exercises (25%) and laboratory attendance (compulsory).

#### Prescribed reading:

Gillespie, R. J., Eaton, D. R., Humphreys, D. A. and Robinson, E. A. *Atoms, molecules and reactions: an introduction to chemistry*, Prentice-Hall, 1994.

**GENERAL PRINCIPLES OF CHEMISTRY (15 CPs. Sem. I. Bu., Aw., Mi.) CHE11GEN/WCH11GEN** *Bu: Dr Jeff Rowe. Aw: Dr John Hill*  
*See description for Basic Chemistry: CHE11BAS/WCH11BAS above*  
*Prerequisite:* VCE chemistry.

*Class requirements:* three 1-hour lectures and one 3-hour laboratory or workshop class per week.

*Assessment:* one 2-hour examination (70%), laboratory reports (20%) and workshops (10%). The laboratory course is compulsory and an attendance requirement applies.

#### Prescribed reading:

Chang, R. *Chemistry*, 6<sup>th</sup> edn, McGraw-Hill, 1993.

### Computer Science & Computer Engineering

**INFORMATION SYSTEMS (15 CPs. Sem. I. Bu.) CSE11IS**

This is an ideal introduction to the rapidly developing fields of computer networks, information systems, computing and information technology. It is therefore relevant to all students, whether they study health sciences, humanities, social sciences or technology. The subject provides an overview of computer networks, information systems, computer information systems and information technology and concentrates on the different aspects of storage and use of information. Particular attention will be paid to databases, office information systems, local area networks (LANs), wide area networks (WANs), electronic mail, the internet and the world wide web, spreadsheets, text editing and information retrieval.

*Incompatible subjects:* MIS1, MANC1A.

*Quota:* 160. Bachelor of Information Systems and Bachelor of Information Systems/Bachelor of Business students are guaranteed a

place. Remaining places are allocated based on academic merit.

*Class requirements:* three 1-hour lectures, one 3-hour laboratory and one 1-hour practice class per week.

*Assessment:* a two-hour examination (50%), assignments (30%) and laboratory work (20%).

**INTRODUCTION TO PROGRAMMING USING C++ (15 CPs. Sem. I or II Bu.) CSE11IPC/ CSE12IPC**

*Students should note that this subject and MAT11DM or MAT1SDM are prerequisites for CSE12OOP.*

This subject aims to introduce students to computers, algorithm development and C++ programming in an environment encompassing Windows NT, the UNIX operating system, and Web-based laboratory resources. Students will be introduced to the UNIX operating system, and develop understanding of algorithm design, flow of control, procedural abstraction and abstract data types. C++ concepts covered include I/O streams, data types, functions, pointers, strings, arrays and structures.

*Incompatible subject:* CSE1SIPC, MIS1, MANC1A.

*Quota:* 440. Students enrolled in courses for which this is a compulsory subject are guaranteed a place. Remaining places are allocated on the basis of academic merit.

*Class requirements:* three 1-hour lectures, one 3-hour software laboratory class per week.

*Assessment:* one 3-hour examination (60%), programming assignment (30%) and laboratory work (10%).

**OBJECT-ORIENTED PROGRAMMING (15 CPs. Summer. Bu.) CSE1SOOP**  
*This subject may be taken in place of CSE12OOP.*

The content of this subject is identical to that of CSE12OOP; *see above for the description of this subject.*

*Prerequisites:* CSE1SIPC (or CSE11IPC) and MAT1SDM (or MAT11DM).

*Incompatible subjects:* CSE12OOP, MIS1, MANC1A.

*Quota:* 80. Students enrolled in courses for which this is a compulsory subject are guaranteed a place. Remaining places are allocated on the basis of academic merit.

*Class requirements:* 76-hours of lectures and laboratory classes over a three-week intensive period.

*Assessment:* one 3-hour examination (70%), one programming assignment and laboratory work (30%).

**OBJECT ORIENTED PROGRAMMING (15 CPs. Sem. II. Bu.) CSE12OOP**

This subject continues the teaching of programming using C++, with particular emphasis on object oriented design. It introduces classes, abstract data types, pointers, dynamic data structures, templates and overloading. An introduction to important software engineering principles is also given, covering life cycle, cohesion, coupling, modularity, testing, debugging, documentation, style and object oriented design.

*Incompatible subjects:* CSE1SOOP, MIS1, MANC1A.

*Prerequisites:* CSE11IPC or CSE1SIPC or CSE12IPC and MAT11DM.

*Quota:* 370. Students enrolled in courses where this is a compulsory subject are guaranteed a place. Remaining places are allocated based on academic merit.

*Class requirements:* three 1-hour lectures, one 2-hour software laboratory class and one 1-hour practice class per week.

*Assessment:* one 3-hour examination (60%), programming assignment (30%) and laboratory work (10%).

**PROGRAMMING USING C++ (15 CPs. Summer. Bu.) CSE1SIPC**

*This subject may be taken in place of CSE11IPC.*

*Students should note that this subject and MAT11DM, or MAT1SDM are prerequisites for CSE12OOP or CSE1SOOP.*

The content of this subject is identical to that of CSE11IPC; *see above for the description of this subject.*

*Incompatible subjects:* CSE11IPC, MIS1, MANC1A.

*Quota:* 80. Students enrolled in courses for which this is a compulsory subject are guaranteed a place. Remaining places are allocated on the basis of academic merit.

*Class requirements:* 76-hours of lectures and laboratory classes over a three-week intensive period.

*Assessment:* one 3-hour examination (70%), one programming assignment and laboratory work (30%).

**SYSTEMS PROGRAMMING IN C AND UNIX (15 CPs. Sem. II. Bu.) CSE12SYS**

A user-introduction to the UNIX operating system covering the general structure of the UNIX operating system, the UNIX command line syntax and command processing, basic commands, elements of the UNIX file system, regular expressions, pattern searching utilities, communication facilities under UNIX, shell programming, job processing under UNIX, managing the software environment and an

introduction to operating system concepts. Also covered are topics in advanced use of C such as source level debugging pointers I/O functions advanced data structures (lists) and the use of selected C libraries. Students are also introduced to the elements of systems programming (process creation and control).

**Prerequisites/Co-requisites:** CSE11IPC or CSE1SIPC, CSE12OOP or CSE1SOOP (desirable).

**Quota:** 240. Students enrolled in courses where this is compulsory are guaranteed a place. Remaining places are allocated based on academic merit.

**Class requirements:** three 1-hour lectures, one 2-hour laboratory class and one 1-hour practice class per week.

**Assessment:** one 3-hour end of semester exam. (70%), assignments and laboratory work (30%).

## Electronic Engineering

### BASIC ELECTRONIC CIRCUITS (15 CPs. Sem. II. Bu.) ELE12CCT Dr Brian Usher

This subject builds on the material introduced in ELE11IEL and serves as a sound background for continuing studies in this discipline. This subject consists of two components, AC circuit analysis and Analogue electronics. The first component covers sinusoidal and non-sinusoidal waveforms, phasors, impedance, network theorems applied to AC circuits, measurement systems and instruments, together with FET's, introduction to transistor amplifiers and models of transistor operations. The second component covers amplifier concepts, operational amplifiers, transistor models and transistor amplifiers. All students will be required to sit for both components.

**Co-requisite:** MAT11FEN or MAT12CLA.

**Class requirements:** three 1-hour lectures, one 1-hour problem class and an average of two hours laboratory class work per week.

**Assessment:** one three-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### Prescribed reading:

Bogart, T. F. *Electronic devices and circuits*, 4<sup>th</sup> edn, Merrill, 1997.  
Boylstad, R. L. *Introductory circuit analysis*, 7<sup>th</sup> edn, Merrill, 1994.

### ELECTRONIC ENGINEERING DESIGN PROJECT (10 CPs. Sem. II. Bu.) ELE12EOP Mr Geoff Tobin

The basics of electronic engineering design process are covered. The subject includes an introduction to project management and students gain hands-on experience by participating in the design and construction of a small electronic system. Students learn to generate circuit schematics and layouts in line with Australian and International drawing standards. This subject would normally be taken in conjunction with ELE11IEL and ELE12CCT.

**Prerequisite:** a basic knowledge of Electronics, such as that covered in ELE11IEL.

**Class requirements:** two lectures and two hours practical work per week.

**Assessment:** one 1-hour examination (30%), major project (50%) and assignments and laboratory work (20%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### Prescribed reading:

Australian Standard 1,000, *The international system of units and its application*, Standards Association of Australia 1979.  
Tocci, R. J. and Widmer, N. S., *Digital systems, principles and applications*, 7<sup>th</sup> edn, Prentice-Hall, 1998

### ENGINEERING MANAGEMENT (5 CPs. Sem II. Bu.) ELE12EMT Mr Jim Royston

This subject consists of introduction to professional communication for engineers and engineering in society. It will involve a discussion of issues relevant to engineers through the development of written and oral communication skills. There is focus on developing an awareness of the role and value of engineers accompanied with introduction to a core set of principles around engineering. Topics include, origins and development of Australian engineering organisations, the structure of the engineering work force, the engineer and professional practice, engineers as work-force managers, the functions of the professional societies, heroes of electrical and electronic engineering and the social responsibility, professional liability and occupational health and safety aspects of engineering practice. All students will be required to sit for both components.

**Class requirements:** two lectures per week.

**Assessment:** written examinations (50%), tutorial participation (25%), essay (25%).

#### Prescribed reading:

Johnston, S., Gostelow, P., Jones, E. and Fourikis, R. *Engineering and society - an Australian perspective*, Harper Collins, 1995.

### INTRODUCTORY ELECTRONICS (15 CPs. Sem. I. Bu.) ELE11IEL Dr Brian Usher

This subject provides an introduction to the study of electronics. No prior knowledge of electronics is assumed. The subject consists of two components. All students (including those repeating the subject) will be required to sit for both components.

The first component is DC Circuit Analysis and Semiconductors, including basic electrical quantities and circuits, methods of analysing simple circuits and basic semiconductor theory including simple diode and transistor circuits. The second component, Introduction to Digital Electronics, covers Boolean algebra, binary number systems, logic gates, combination circuits, sequential circuits, flip-flops, counters, registers and arithmetic circuits.

**Co-requisite:** MAT11EN or MAT11CFN.

**Class requirements:** three 1-hour lectures, one 1-hour problem class and an average of two hours laboratory class work per week.

**Assessment:** one 3-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### Prescribed reading:

Boylstad, R. L. *Introductory circuit analysis*, 7<sup>th</sup> edn, Merrill, 1994.  
Tocci, R. J. and Widmer, N. S. *Digital systems, principles and applications*, 7<sup>th</sup> edn, Prentice-Hall, 1998.

## Geology

### EARTH ENVIRONMENTS AND RESOURCES (15 CPs. Sem. II. Bu., Aw., Mi.) GEO12ERS/WGE12ERS Bu: Dr Robert Musgrave. Aw: Mr Martin Fussell. Mi: Ms Jenny Collins

This subject develops the basic concepts of GEO11DYN in the context of large-scale processes affecting the planet and geological resources. Specific topics include the application of plate tectonics to continental geology, with a focus on the development of Australia, the record of fossils in sedimentary rocks and the history of life on Earth, rock structures (folds and faults) and deformation. Also studied are earth resources and economic geology, including ground water, ore deposits and fossil fuels, and rock weathering and sedimentary environments (river, glacial, desert and marine).

**Prerequisite:** Bu: GEO11DYN. Aw: WGE11DYN. Mi: GEO11DYN.

**Class requirements:** three lectures and one 3-hour practical period a week and two one-day field excursions. Attendance at the practical classes and field excursions is essential and compulsory. The field excursions visit sites of particular geological interest near Melbourne and transport is provided. Some tutorials are offered to complement the lecture course.

**Assessment:** theory examinations (60%), practical examinations (25%) and practical assessments (15%).

#### Prescribed reading:

Chernicoff, S. and Venkatakrishnan, R. *Geology*, Worth Publishers 1995.  
Cochrane, G. W. Quick, G. W. and Spencer-Jones, D. *Introducing Victorian geology*, Geological Society of Australia 1991.

### THE DYNAMIC EARTH (15 CPs. Sem. I. Bu., Aw., Mi.) GEO11DYN/WGE11DYN Bu: Dr Robert Musgrave. Aw: Mr Martin Fussell. Mi: Ms Jenny Collins

This is an introduction to the study of planet Earth, its origin and evolution, its composition and the dynamic systems which have shaped it. Topics include the origin and evolution of the planets, the nature of geological time and its measurement, crystals and minerals, with special reference to silicates as the fundamental building blocks of Earth materials, earthquakes and the interior of the Earth, volcanoes and igneous rocks, metamorphism and metamorphic rocks, the theory of plate tectonics and continental drift and orogenic belts.

**Class requirements:** three lectures and one 3-hour practical period a week and a one day field excursion (weekend). Attendance at the practical classes and field excursion is essential and compulsory. The field excursion visits sites of particular geological interest near Melbourne and transport is provided. Some tutorials are offered to complement the lecture course.

**Assessment:** theory examination (60%), practical examinations (25%) and practical assessments (15%).

#### Prescribed reading:

Chernicoff, S. and Venkatakrishnan, R. *Geology*, Worth Publishers 1995.  
Cochrane, G. W. Quick, G. W. and Spencer-Jones, D. *Introducing Victorian geology*, Geological Society of Australia 1991.

## Mathematics

**APPLIED MATHEMATICS (15 CPs. Sem. II Bu.) MAT12AM**

Subject not available in 2000.

**CALCULUS AND FUNCTIONS FOR ECONOMICS (15 CPs. Sem. I. Bu.) MAT11CFE**

Mathematics 11CFE provides the mathematical foundation for all studies requiring a knowledge of calculus. The main focus is on the concepts and techniques of differentiation and integration. Topics studied include functions, limits, curve sketching and techniques of differentiation and integration. In addition, there is a segment on constrained optimisation, including the use of LaGrange multipliers. The teaching emphasis is on active student engagement in solving mathematical problems.

*Prerequisite:* VCE Mathematical Methods or Specialist Mathematics.

*Class requirements:* two 1-hour lectures, two 1-hour practice classes and one 1-hour tutorial per week.

*Incompatible subjects:* MAT11CFN, MAT11EN, Introduction to Quantitative Analysis 1.

*Assessment:* one 3-hour examination (90%), weekly assignments (10%) and basic skills tests.

**CALCULUS AND LINEAR ALGEBRA (15 CPs. Sem. II. Bu., Aw., Mi.) MAT12CLA/WMA12CLA Aw: Mr I. Lack**

This subject builds on MAT11CFN to complete a coverage of the mathematics required for second year study in mathematics and the mathematically based sciences. Approximately half the subject is about calculus, covering Taylor polynomials and differential equations. The other half contains a study of vectors, matrices and simultaneous equations, as well as an introduction to the technique of proof by induction. The teaching emphasis is on active student engagement in solving mathematical problems.

*Prerequisite:* Bu: MAT11CFN or MAT11CFE. Aw: WMA11CFN.

*Incompatible subjects:* MAT12FEN, and Introduction to Quantitative Analysis 1 (and former subjects broadly equivalent to these).

*Class requirements:* two 1-hour lectures, two 1-hour practice classes and one 1-hour tutorial per week.

*Assessment:* a 3-hour examination (90%), weekly assignments (10%) and basic skills tests.

**CALCULUS, FUNCTIONS AND NUMBER SYSTEMS (15 CPs. Sem. I. Bu., Aw., Mi.) MAT11CFN/WMA11CFN Bu: Dr Graham Elton. Aw: Mr Ian Lack**

Mathematics 11CFN provides the mathematical foundation for all studies requiring a knowledge of calculus. The main focus is on the concepts and techniques of differentiation and integration. In addition there is a segment on number systems, covering properties of both real and complex numbers. Topics studied include functions, limits, curve sketching and techniques of differentiation and integration. The teaching emphasis is on active student engagement in solving mathematical problems.

*Prerequisite:* VCE Mathematical Methods or VCE Specialist Mathematics.

*Incompatible subjects:* MAT11CFE, MAT11EN, and Introduction to Quantitative Analysis 1 (and former subjects broadly equivalent to these).

*Class requirements:* two 1-hour lectures, two 1-hour practice classes and one 1-hour tutorial per week.

*Assessment:* one 3-hour examination (90%), weekly assignments (10%) and basic skills tests.

**DISCRETE MATHEMATICS (15 CPs. Sem I & II. Bu.) MAT10DM**

This subject is designed for students in the Graduate Diploma in Computer Science and covers the same material as MAT11DM.

*Assessment:* two 1.5-hour examinations (80%), assignments (10%) and digital logic laboratories (10%).

**DISCRETE MATHEMATICS (15 CPs. Sem. I. Bu.) MAT11DM**

The subject is an introduction to discrete mathematics. In choosing the topics to be treated, particular attention has been paid to the developing and increasingly important interface between pure mathematics and computer science. The underlying themes in the subject are introductions to algorithms and logic. Examples within each topic are chosen with a view to emphasising these underlying themes; wherever possible, examples are chosen to help develop students' problem-solving skills.

*Prerequisite:* a facility with mathematics at a level similar to VCE Mathematical Methods or VCE Specialist Mathematics.

*Co-requisite:* MAT11CFN. Students in courses whose regulations prevent enrolment in each of MAT11CFN, MAT11DM and CSE11IPC may have the co-requisite waived, as may students without the prerequisites for MAT11CFN.

*Class requirements:* two lectures, two practice classes and one tutorial hour per week.

*Assessment:* one 3-hour examination (80%), assignments (10%), digital logic laboratories (10%).

**DISCRETE MATHEMATICS (15 CPs. Summer. Bu.) MAT1SDM**

This subject is designed for students in the Graduate Diploma in Computer Science and covers the same material as MAT11DM. It is a Summer subject, running before the start of the first semester.

*Assessment:* one 3-hour examination (80%) and assignments (20%).

**FURTHER MATHEMATICS FOR ENGINEERING (15 CPs. Sem. II. Bu.) MAT12FEN**

This subject provides fundamental mathematical material required for a study of engineering and is available only to students enrolled in engineering programs. Approximately half of the subject is on calculus and analysis, including the solution of differential equations by exact and numerical methods. The other half of the subject contains a study of linear algebra and probability theory.

*Prerequisite:* MAT 11EN.

*Class requirements:* two 1-hour lectures, two 1-hour practice classes and one 1-hour tutorial per week.

*Incompatible subjects:* MAT12CLA, Introduction to Quantitative Analysis 1.

*Assessment:* one 3-hour examination (90%), weekly assignments (10%) and one 1-part.

**MATHEMATICS AND COMPUTING FOR BIOLOGY (15 CPs. Sem. II. Bu.) MAT12MCB**

This subject is designed for students who do not have a strong background in mathematics. It provides the basic skills in algebra, calculus and computing that are required of students in the agricultural and biological sciences. Simple mathematical ideas are used to analyse examples drawn largely from agriculture and biology. This type of analysis is often useful in making predictions based on experimental data. In the mathematics tutorials, we use various software packages to extend the investigation of the mathematical models which form the core of the subject. The computing component of the subject consists of lectures, practice classes and programming work in the microcomputer laboratory.

*Prerequisite:* VCE Mathematical Methods, units 1 and 2.

*Class requirements:* three lectures, one practice class and one tutorial software laboratory per week.

*Assessment:* one 1.5-hour written examination (40%), 1.5-hour computer-based examinations (40%) and written exercises (20%).

**MATHEMATICS FOR ENGINEERING (15 CPs. Sem. I. Bu.) MAT11EN Dr John Strantzen**

This subject provides fundamental mathematical material required for a study of engineering and is available only to students enrolled in engineering programs. Approximately half of the subject is on calculus and analysis, including a treatment of methods of differentiation and integration and some numerical methods. The other half of the subject, broadly designated as algebra, contains a study of sets, number bases, complex numbers, vectors, geometry in two and three dimensions and an introduction to matrices.

*Prerequisite:* VCE Mathematical Methods or Specialist Mathematics or equivalent.

*Class requirements:* two 1-hour lectures, two 1-hour practice classes and one 1-hour tutorial per week.

*Incompatible subjects:* MAT11CFN, Introduction to Quantitative Analysis 1.

*Assessment:* one 3-hour examination (90%), weekly assignments (10%) one 2-part and one 1-part basic skills test (hurdles).

**Physics****ASTRONOMY AND SPACE: THE INFINITE FRONTIER (15 CPs. Sem. II. Bu.) PHY12AST Dr Ron Miller**

This introduction to contemporary astronomy and our developing understanding of the universe is appropriate for students from any background. The single prerequisite is a curiosity as to the nature of our universe and how we go about investigating it. Topics discussed range from our own solar system and the individual planets, through the galaxy to the distant features of the universe, exotic objects such as quasars and black holes, cosmology and the big bang and astronomical instruments. Extensive use is made of multimedia presentations. The practical work includes hands-on sessions and tutorial work and involves daytime and evening viewing sessions. Computer-based laboratories will employ some excellent astronomy software plus the opportunity to explore resources on the internet.

*Class requirements:* two 1-hour lectures per week, practical observational and tutorial sessions amounting to an average of three hours weekly.

*Assessment:* continuous assessment of practical work (35%), a poster project (15%) and one 2-hour examination (50%).

**ENGINEERING PHYSICS (15 CPs. Sem. I. Bu.) PHY11ENG Dr John Riley**  
Students develop a basic understanding of the fundamental physical

process involved in waves, mechanics and electromagnetic theory. Waves includes simple harmonic motion, characteristics of wave motion, types of waves and their propagation, reflection, refraction, interference and diffraction, standing waves, resonance and the doppler effect. Mechanics includes linear and circular motion, forces, inertial frames, Newton's laws, work and energy, conservation of momentum and collisions. Electromagnetic theory discusses electric charges, Coulomb's Law, electric fields and potential, electric dipole, charges moving in a magnetic field, forces between conductors, Faraday's and Lenz's Law and inductance.

**Prerequisite:** pass in VCE English and Mathematical Methods or Specialist Mathematics.

**Class requirements:** three 1-hour lectures and one 1-hour problem-solving class per week and eleven 3-hour laboratory sessions.

**Incompatible subject:** PHY10SCI.

**Assessment:** laboratory reports and exercises (35%) plus one 3-hour examination at the end of first semester (65%).

**Prescribed reading:**

Serway, R. A. *Physics for scientists and engineers with modern physics*, 4<sup>th</sup> edn, updated version, Saunders 1995.

**NEW MEDIA TECHNOLOGIES: AN INTRODUCTION TO THEIR TECHNICAL FOUNDATIONS A (15 CPs. Sem. I. Bu.) PHY11MTA Dr Ron Miller**

Available to all students. Available to Faculty of Science, Technology and Engineering students only as a non-science elective.

This subject provides students with an understanding of the physical and technical foundations of digital media technologies enhanced by introductory practical experience. Interest is the main prerequisite. No technical background or experience with computers is required. It includes lectures, demonstrations, practical and computer laboratories and individual student projects. Topics include an introduction to the physical and technical foundations of the internet, web page and visual special FX. Other topics include the fundamentals of light, colour and colour vision, including blue screen/chroma-key effects, image manipulation, entry level computer animation and digital FX such as 'morphing'. The fundamentals of sound and sound perception will serve as an introduction to digital audio, sampling and editing. **Quota:** 120. The quota will be imposed according to the availability of laboratory space.

**Class requirements:** one 1-hour lecture, one 2-hour laboratory per week.

**Assessment:** ten laboratory sessions (5% each), assignments totalling 2,000-words (25%) and individual and group projects (25%).

**Prescribed reading:**

Tannenbaum, R. S. *Theoretical foundations of multimedia*, Freeman, 1998.

**NEW MEDIA TECHNOLOGIES: AN INTRODUCTION TO THEIR TECHNICAL FOUNDATIONS B (15 CPs. Sem. II. Bu.) PHY12MTB Dr Ron Miller**

Available to all students. Available to Faculty of Science, Technology and Engineering students only as a non-science elective.

This subject follows on from PHY11MTA. It extends students' understanding of the physical and technical foundations of digital media technologies in areas such as light, colour and optics, enhanced by introductory practical experience. The study of the technology of digital image manipulation and digital audio will be further developed. Additional material will cover the technical basis of digital video, optical fibre and satellite communications.

**Prerequisite:** PHY11MTA (formerly PHY11NMT).

**Quota:** 120. Enrolment will be based on academic performance in PHY11MTA.

**Class requirements:** one 1-hour lecture, one 2-hour laboratory per week.

**Assessment:** ten laboratory sessions (5% each), assignments totalling 2,000-words (25%) and student projects (25%).

**Prescribed reading:**

Tannenbaum, R. S. *Theoretical Foundations of Multimedia*, Freeman, 1998.

Lathrop, O. *How Computer Graphics Works*, Wiley, 1997.

**PHYSICAL ASPECTS OF THE ENVIRONMENT A (15 CPs. Sem. I. Bu. Aw.) PHY11PAA/WPH11PAA Bu: Professor Peter Dyson. Aw: Mr Peter Taylor**

Generating sufficient energy to meet the massive demands of a modern technological society without impacting adversely on the environment is an important issue. While the problems of environmental pollution, resource depletion, greenhouse effect, ozone hole etc. are well known, they are not necessarily well understood. It is important that discussion of these issues be well informed. The physical principles central to the range of conventional and alterna-

tive energy technologies is discussed and on completion students should understand the advantages and disadvantages of the various technologies and some of the techniques used to monitor and analyse any hazardous effects. This is an introductory course with minimal mathematical content and no specific science background or previous experience of the above topics is assumed. The subject may be taken independently or in conjunction with PHY12PAB.

**Incompatible subjects:** PHY10SCI and PHY11ENG.

**Class requirements:** three 1-hour lectures, one 1-hour tutorial and one 3-hour laboratory session per week in first semester.

**Assessment:** one 2-hour examination (50%), laboratory reports (30%) and tutorial work (20%).

**Prescribed reading:**

Giancoli, D. C. *Physics: principles with applications*, 5<sup>th</sup> edn, Prentice-Hall 1995.

**PHYSICAL ASPECTS OF THE ENVIRONMENT B (15 CPs. Sem. II. Bu. Aw.) PHY12PAB/WPH12PAB Bu: Professor Peter Dyson. Aw: Mr Peter Taylor**

This subject is a natural sequel to PHY11PAA, but may be taken independently. Fundamental concepts and techniques in the broad range of topic areas appropriate for a proper study of the physical environment are introduced. Application of these ideas to systems of biological interest is emphasised. Topics include properties of matter, heat and thermodynamics, electric circuits and introductory electronics, atomic physics and radioactivity, fluids and flow, atmospheric physics and light and sound. On completion, students should have a basic understanding of measurement techniques as well as familiarity with the fundamental principles in the above topic areas. No previous study of physics is presumed and mathematical methods are limited to basic algebra.

**Incompatible subject:** PHY10SCI, PHY11ENG, PHY12AGR.

**Class requirements:** three 1-hour lectures, one 1-hour tutorial and one 3-hour laboratory session per week.

**Assessment:** one 3-hour examination (60%), laboratory reports (30%) and tutorial work (10%).

**Prescribed reading:**

Giancoli, D. C. *Physics: principles with applications*, 5<sup>th</sup> edn, Prentice-Hall 1995.

**PHYSICS FOR AGRICULTURE AND LIFE SCIENCES (15 CPs. Sem. II. Bu.) PHY12AGR Professor Peter Dyson**

This subject is intended primarily for agriculture or biological science students, but is available to all students. A broad range of fundamental physics concepts and techniques appropriate for the proper study of the physical environment are introduced, emphasising application of these principles using biological and agricultural examples. Topics include properties of matter, heat and thermodynamics, electric circuits and introductory electronics, atomic physics and radioactivity, fluids and flow, atmospheric physics and soil physics. On completion, students should have a basic understanding of measurement techniques in addition to a competence in the topic areas. No previous study of physics is presumed, with mathematical methods limited to basic algebra.

**Incompatible subjects:** PHY10SCI, PHY11ENG, PHY12PAB.

**Class requirements:** three 1-hour lectures, one 1-hour tutorial and one 3-hour laboratory session per week.

**Assessment:** one 3-hour examination (60%), ten laboratory reports (30%) and tutorial work (10%).

**Prescribed reading:**

Giancoli, D. C. *Physics: principles with applications*, 5<sup>th</sup> edn, Prentice-Hall 1995.

**PRINCIPLES OF PHYSICS (30 CPs. Sem. I & II. Bu. Mi.) PHY10SCI Bu: Dr John Riley**

On completion of this subject, students should comprehend a broad range of elementary physics sufficient as a basis for further study in physics, engineering or another science, have acquired a basic level of skill in the use of physical laboratory instrumentation and have developed problem solving skills appropriate to the subject matter and involving the use of elementary calculus-based methods. Topics covered include waves, electricity, mechanics, energy, materials and modern physics. The laboratory component consists of a mix of experiments and tutorial-style instruction closely related to the lectures.

**Prerequisite:** a pass in VCE Physics and mathematics or equivalent.

**Class requirements:** three 1-hour lectures and one 1-hour problem-solving class and one 3-hour laboratory session per week.

**Assessment:** continuous assessment (25%), one 3-hour examination at the end of each semester (37.5% each).

**Prescribed reading:**

Serway, R. A. *Physics for scientists and engineers with modern physics*, 4<sup>th</sup> edn, updated version, Saunders 1995.



**PROPERTIES OF MATTER (5 CPs. Sem. II. Bu.) PHY12MTR Dr John Riley**

This subject develops a basic understanding of the fundamental physical process of materials. It includes properties of heat conduction, convection and radiation, the Stefan-Boltzmann law, energy sources such as solar and nuclear energy and basic fluid mechanics. *Prerequisite:* a pass in VCE English, Mathematical Methods or Specialist Mathematics.

*Class requirements:* three 1-hour lectures per week plus a total of four 1-hour problem solving classes and three 3-hour laboratories. *Assessment:* laboratory reports and exercises (35%) and one 1-hour end of semester examination (65%).

**Prescribed reading:**

Serway, R. A. *Physics for scientists and engineers with modern physics*, 4<sup>th</sup> edn, updated version, Saunders 1995

**Psychological Science****BEHAVIOURAL NEUROSCIENCE 1 (30 CPs. Sem. I & II. Bu., Aw.)**

**PSY10BN/WPS10BN Bu:** Dr Sheila Crewther. **Aw:** Dr Hayley Foo

This subject introduces students to topic areas such as brain development, neurophysiology, sensory processing, hormones and behaviour and neuro-immunology, which are fundamental to an understanding of the relationship between behaviour and biological processes. The subject is designed to link knowledge and techniques from some traditionally biological disciplines with those of psychology as a behavioural science. Lectures are organised around four major streams, neuropsychology, developmental neurobiology, psychobiology of sensory and motor systems and psycho-neuroendocrinology. Students interested in taking behavioural neurosciences should note that there will be no direct contact with research animals as part of the first year subject.

*Prerequisite/Co-requisite:* PSY11PYA, PSY12PYB, (or WPS11PYA, WPS12PYB).

*Class requirements:* three 1-hour lectures and one 3-hour laboratory class per week.

*Assessment:* three laboratory reports (5% each), one pamphlet (5%), one DDP assignment and presentation (10%), one 2,000-word essay (20%), two 3-hour examinations (25% each).

**Prescribed reading:**

Rosenzweig, M. R., Leiman, A. L. and Breedlove, S. M. *Biological psychology: An introduction to behavioural, cognitive and clinical neuroscience*, 2<sup>nd</sup> edn. Sinauer Assoc 1999.

Bear, M. F., Connors, B. W. and Paradiso, M. A. *Neuroscience: exploring the brain*. Baltimore: Williams & Wilkins. 1996.

**ENVIRONMENTAL PROBLEMS IN THE PHYSICAL WORLD (15 CPs.**

**Sem. II. Bu.) FST12ENV Dr Peter Fleming**

This subject covers many of the high-profile environmental problems of today, such as the greenhouse effect, the hole in the ozone layer, land degradation and air and water pollution. The emphasis is on explaining the processes behind each problem and exploring possible solutions. Topics are drawn from chemistry, geology and physics with each illustrated by detailed case studies. The subject is suitable for students without a science background.

*Class requirements:* three lectures and one 2-hour practical session per week and three half-day excursions to sites of environmental interest around Melbourne. Practical sessions include laboratory experiments and demonstrations.

*Assessment:* one 3-hour written end of semester exam (60%) and other assessments during the semester (40%).

**INTRODUCTION TO PSYCHOLOGY 101 (15 CPs. Sem. I. Be.) BPY101**

**Dr Sue Jeavons**

*Only available to students enrolled in a degree at Bendigo Campus. This is not an APS-accredited course of study and completion cannot be counted towards membership of the Society, or registration as a psychologist.*

The subject provides an introduction and a framework for further study in psychology. The subject considers the roles that psychologists play and the work that they perform, the history of psychology, the methods used by psychologists, the biological basis of behaviour, psychological development, states of consciousness, sensation and perception, learning and memory.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one tutorial presentation (20%), an essay (30%) and examination (50%).

**Prescribed reading:**

Peterson, C. *Psychology: a biopsychosocial approach*, 2<sup>nd</sup> edn, NY: Longman, 1997.

**INTRODUCTION TO PSYCHOLOGY 102 (15 CPs. Sem. II. Be.) BPY102**

**Dr Sue Jeavons**

*Only available to students enrolled in a degree at the Bendigo Campus. This is not an APS-accredited course of study and completion cannot be counted towards membership of the Society, or registration as a psychologist.*

The subject considers basic motives, emotion, mental abilities and their measurement, personality and assessment, abnormal psychology, health psychology, social interaction and attitudes. Research methods will be outlined.

*Prerequisite:* BPY101.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* tutorial presentation (20%), an essay (30%) and one 2-hour examination (50%).

**Prescribed reading:**

Peterson, C. *Psychology: a biopsychosocial approach*, 2<sup>nd</sup> edn, NY: Longman, 1997.

**INTRODUCTION TO PSYCHOLOGY 111 (15 CPs. Sem. I. Be.) BPY111**

**Dr Sue Jeavons**

*Only available to Bachelor of Behavioural Science students on the Bendigo campus.*

This subject examines components in psychobiology and neuroscience (introductory lectures on neuroscience, psychophysiology and the genetics and evolution of brain and behaviour). Social psychology (introduction to social psychology, interpersonal issues, altruism and aggression, interpersonal attraction, social cognition, impression formation, attribution, attitudes and attitude behaviour links). Lifespan (the science of human development, developmental theories, biological foundations of life and development during infancy and early childhood). Cognitive science (general information on the main areas of cognitive psychology, including sensory, short-term and long-term memories, forgetting, language and thought) and the history of psychology, together with an introductory coverage of philosophical issues in psychology.

*Class requirements:* three 1-hour lectures and one 3-hour practical per week.

*Assessment:* one 2-hour examination (60%), one 1,500-word assignment (20%), two 1,000-word practical reports (20%).

**Prescribed reading:**

Peterson, C. *Psychology: a biopsychosocial approach*, 2<sup>nd</sup> edn, NY: Longman 1997.

Stankovich, K. *How to think straight about psychology*, 5<sup>th</sup> edn, NY: Longman 1998.

Rosenzweig, M. R., Leiman, A. L. and Breedlove, S. M. *Biological Psychology: An introduction to behavioural, cognitive, and clinical neuroscience*. 2<sup>nd</sup> edn, Sinauer Assoc 1999.

**INTRODUCTION TO PSYCHOLOGY 112 (15 CPs. Sem. II. Be.) BPY112**

**Dr Jill Francis**

*Only available to students in the Bachelor of Behavioural Science on the Bendigo campus.*

This subject examines components in models of mental health which introduces ways in which different groups conceptualise mental health. Measurement of psychological phenomena provides a basic understanding of the historical and statistical foundations of contemporary practice in the measurement of psychological phenomena. Development of an understanding of the historical, philosophical and epidemiological foundations of health psychology and an introduction to human variability, the nature-nurture debate, measurement of intelligence and personality theories.

*Prerequisite:* BPY111.

*Class requirements:* three 1-hour lectures and one 3-hour practical per week.

*Assessment:* one 2-hour examination (50%), one 1,500-word assignment (30%), two 1,000-word practical reports (20%).

**Prescribed reading:**

Coakes, S. J. and Steed, L. G. *SPSS Analysis without anguish: versions 7.0, 7.5, 8.0 for windows*; Brisbane: Jacarandah Wiley Ltd. 1999.

Hinkle, D. E., Wiersma, W. and Jurs, S. G. *Applied statistics for the behavioural sciences*. 4<sup>th</sup> edn. New York: Houghton Mifflin Company 1998.

Peterson, C. *Psychology: a biopsychosocial approach*, 2<sup>nd</sup> edn, Longman, NY 1997.

Stanovich, K. *How to think straight about psychology*. 5<sup>th</sup> edn. NY: Longman 1998.

**PSYCHOLOGY A (15 CPs. Sem. I. Bu., Aw.) PSY11PYA/WPS11PYA**

**Aw: Mr Darryl Maybery. Bu: to be advised**

In this subject and its companion, PSY12PYB, students are introduced to the scientific study of psychology. The aims of the subject are to present



the content in three core areas of biological bases of behaviour, lifespan developmental and cognitive psychology and psychological research methods. These areas will be expanded upon in greater depth in the second and third year of the major. Secondly, the subject aims to teach students the skills of writing laboratory reports to communicate their laboratory investigations. Thirdly, it aims to develop the group work skills of the students. This subject is taught through lectures and laboratory classes. In addition to these methods, students choose an option for additional learning about psychological research. One option involves acting as participants in ongoing psychological research.

*Co-requisite:* PSY10BN/WPS10BN or equivalent biology subject.

*Quota:* Faculty-set course quota.

*Class requirements:* three 1-hour lectures and one 3-hour laboratory class per week.

*Assessment:* two laboratory reports (30%), one display and discussion paper assignment (15%), psychological research methods assignments (15%) and one 2-hour examination (40%).

**PSYCHOLOGY B (15 CPs. Sem. II. Bu., Aw.) PSY12PYB/WPS12PYB**  
*Aw: Mr Darryl Maybery, Bu: to be advised*

In this subject and its companion PSY11PYA, students are introduced to the scientific study of psychology. The aims of the subject are first, to present the content in two core areas of individual differences and social psychology and to continue the presentation of psychological research methods. These areas are expanded upon in greater depth in the second and third year of the major. Secondly, the subject aims to develop students' skills of writing laboratory reports to communicate their laboratory investigations. Thirdly, it aims to develop further the group work, library and essay writing skills of the students. The subject is taught through lectures and laboratory classes. In addition to these methods, students choose an option for additional learning about psychological research. One option involves acting as participants in ongoing psychological research.

*Prerequisite:* PSY11PYA or WPS11PYA.

*Co-requisite:* PSY10BN/WPS10BN or equivalent biology subject.

*Quota:* Faculty-set course quota.

*Class requirements:* three 1-hour lectures and one 3-hour laboratory class per week.

*Assessment:* two laboratory reports (30%), one major essay of 2,000-words (20%), psychological research methods assignments (10%) and one 2-hour examination (40%).

**PSYCHOLOGY STUDIES A (15 CPs. Sem. I. Bu., Aw.) PSY11PSA/WPS11PSA**  
*Aw: Ms Dianne Boxall, Bu: to be advised*

*Bu: Available only to students enrolled in the Bachelor of Social Work. Aw: Not available to students enrolled in the Bachelor of Behavioural Science.*

*This is not part of an APS-accredited course of study and completion cannot be counted towards membership of the Society, or registration as a psychologist.*

In this subject students are introduced to psychology. The aims are, first, to present the content in the core areas of learning theory, cognition, motivation, emotion, personality theory, psychopathology, psychotherapy, and social behaviour. These areas are examined from both a theoretical and an applied perspective. Secondly, the aim is to introduce students to psychological research methods. Thirdly, the aim is to develop the group work, library, and essay writing skills of students.

*Incompatible subjects:* PSY11PYA/WPS11PYA and BPY111.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 2-hour examination (40%), one 1,250-word essay (30%) and a 30-minute five-member group tutorial presentation (30%).

**Prescribed reading:**

Sdorow, L. *Psychology*, Dubuque, Iowa: Brown, 1998.

**PSYCHOLOGY STUDIES A (15 CPs. Sem. I. Be.) BPY11PSA** Mr Tim Godber

*Available only to students enrolled in the Bachelor of Public Health and Bachelor of Nursing degrees at Bendigo.*

*This is not part of an APS-accredited course of study and completion cannot be counted towards membership of the Society, or registration as a psychologist.*

In this subject students are introduced to psychology. The aims are, first, to present the content in the core areas of learning theory, cognition, motivation, emotion, personality theory, psychopathology, psychotherapy, and social behaviour. These areas are examined from both a theoretical and an applied perspective. Secondly, the aim is to introduce students to psychological research methods. Thirdly, the aim is to develop the group work, library, and essay writing skills of students.

*Incompatible subject:* BPY111.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 2-hour examination (40%), one 1,250-word essay

(30%) and a 30-minute five-member group tutorial presentation (30%).

**Prescribed reading:**

Sdorow, L. *Psychology*, Dubuque, Iowa: Brown, 1998.

**PSYCHOLOGY STUDIES B (15 CPs. Sem. II. Bu. Aw.) PSY12PSB/WPS12PSB** *Aw: Ms Dianne Boxall, Bu: to be advised*

*Bu: Available only to students enrolled in the Bachelor of Social Work.*

*Aw: Not available to students in the Bachelor of Behavioural Science.*

*This is not part of an APS-accredited course of study and completion cannot be counted towards membership of the Society, or registration as a psychologist.*

In this subject, students continue their introduction to psychology.

The aims are, first, to present the content in the core areas of biological bases of behaviour, lifespan developmental psychology, intelligence, personality theories and assessment, and language.

These areas are examined from both a theoretical and an applied perspective. Secondly, the aim is to introduce students to psychological research methods associated with these content areas.

Thirdly, the aim is to further develop the group work, library, and essay writing skills of students.

*Incompatible subject:* PSY12PYB/WPS12PYB.

*Class requirements:* two 1-hour lectures and one 1-hour tutorial per week.

*Assessment:* one 2-hour examination (40%), one 1,250-word essay (30%) and a 30-minute five member group tutorial presentation (30%).

**Prescribed reading:**

Sdorow, L. *Psychology*, Dubuque, Iowa: Brown, 1998.

**Statistics**

**ELEMENTARY STATISTICS AND STATISTICAL COMPUTING FOR INDUSTRY (15 CPs. Sem. I. Bu.) STA11SC**

This subject is specifically designed for students without prior training in probability, statistics and the use of mainframe computers. Statistical methods widely used in manufacturing are introduced through the use of data provided by local industries. Training is provided in the use of computers to make the application of these methods very convenient. Topics include an introduction to total quality management, basic statistics for normal models, reliability of series and parallel configurations, statistical process control, control charts for variables and attributes, Pareto charts, cause-and-effect diagrams, simulation of random processes, Deming funnel experiment and acceptance sampling. All control charts and simulations are readily produced with the statistical software package, Minitab. Successful completion qualifies students for STA12SS, STA21AS and other second year statistics subjects if a C-grade or better is achieved.

*Prerequisite:* Year 11 mathematics.

*Incompatible subject:* STA21SC.

*Class requirements:* three 1-hour lectures, one 1-hour practice class and one 1-hour computing tutorial per week.

*Assessment:* one 2-hour final examination (60%), two computer-based tests (30%); and assignments (10%).

**STATISTICAL SCIENCE (15 CPs. Sem. II. Bu.) STA12SS**

This subject qualifies students for all second year statistics subjects. Objectives include providing a working knowledge of hypothesis tests and parameter estimates, as well as a working knowledge of the statistical computer software, Minitab. Simulation studies are used to gain familiarity with random sampling and the relationship to models, with all methods illustrated on real world data sets. These include inference for a binomial parameter, difference of two proportions, population mean, measure of association, fitting a straight line by the method of least squares, bootstrap estimates of standard errors and exact test for independent classification in a two by two contingency table.

*Prerequisite:* Year-12 mathematics or STA11SC or STA11LS.

*Class requirements:* three 1-hour lectures, one 1-hour practice class and one 1-hour computing tutorial per week.

*Assessment:* one 2-hour examination (60%), two computer-based tests (30%) and assignments (10%).

**STATISTICS FOR LIFE SCIENCES (15 CPs. Sem. I & II. Bu., Aw., Mi.) STA11LS/STA12LS/WST12LS**

*Only available in semester two at Albury/Wodonga. This subject can be taken in either first semester (STA11LS), or second semester (STA12LS) or in second year (STA21LS) where one extra one-hour practice class is required.*

The subject introduces the most commonly used elementary statistical techniques and emphasises their applications, especially in life sciences. It is designed for students who do not have a strong mathematical background, to give them an understanding of the basic statistical methods required in other disciplines. The subject

covers descriptive statistics, probability models, estimation, hypothesis testing, tests for proportions and means, chi-squared tests, regression and the analysis of variance. The statistical computer package, Minitab, is an integral part of the subject. Successful completion qualifies students for STA11SS, STA21AS, STA22BS and other second year statistics subjects if a C-grade or better is achieved.

**Prerequisite:** Year 11 mathematics.

**Incompatible subject:** STA21LS.

**Class requirements:** three 1-hour lectures per week, one 1-hour practical class and one 1-hour computing tutorial.

**Assessment:** one 2-hour examination (60%), two computer-based tests (30%) and assignments (10%).

#### **Prescribed reading:**

Rees, D. G. *Essential Statistics*, 3<sup>rd</sup> edn., Chapman & Hall, 1995.

#### **Second year subjects**

#### **Agricultural Science**

##### **AGRICULTURAL BUSINESS MANAGEMENT (20 CPs. Sem. II. Bu.)**

**AGR22ABM** Dr Rob Dumsday

This subject is taken in the third year of the Bachelor of Agricultural Science degree.

It is designed around a simulation model of an agricultural firm and aims to provide a dynamic illustration of farm business management and farm accounting principles and procedures to demonstrate the integration of the principles of soil, plant and animal science into an economic subject and to illustrate the institutional facets of management such as taxation and credit. Topics covered include budgeting, financial statements, linear programming models of agricultural firms, time and decision-making, risk and decision-making and investment appraisal.

**Prerequisite:** An agricultural background or AGR11AAE and AGR11SYS are desirable, as are basic computing skills.

**Class requirements:** three lectures and one 3-hour practical per week.

**Assessment:** one 2-hour examination paper (60%) and project (40%).

#### **Preliminary reading:**

Dumsday, R. G. et al, *Australian farming systems model. (AFSM): manual for participants*. La Trobe University, 1994.

Makeham, I. P. and Malcolm L. R. *The farming game now*, Cambridge U, 1993.

Williams, D. B. *Agriculture in the Australian economy*, Oxford U, 1990.

##### **AGRICULTURAL PRACTICE (5 CPs. Sem. I & II. Bu.)**

**AGR20AP** See the first-year description for Agricultural practice AGR10AP.

##### **PHYSIOLOGY OF DOMESTIC ANIMALS (20 CPs. Sem. II. Bu.)**

**AGR22PDA** Dr Richard Luke

This subject provides an understanding of the principles of animal physiology. Students examine the functions of the basic cell, and analyse the concept of the body's internal environment, the nature of biological control systems and the properties of the major specialised cell types. Coordination of body functions such as circulation, respiration, reproduction, regulation of water, electrolyte balance, digestion and absorption of food are discussed in terms of the principles outlined in the first two sections.

**Prerequisites:** AGR11ANI or BIO11OF. CHE11BAS or CHE11GEN and CHE12APL is desirable.

**Class requirements:** 39 lectures and thirteen 3-hour practical classes.

**Assessment:** examination at the end of the subject (70%) and practical course and performance in practical work (30%).

##### **PLANT PHYSIOLOGY AND NUTRITION (20 CPs. Sem. I. Bu.)**

**AGR21PPN** Dr Peter Sale

Topics include the physiology of higher plants, the processes involved in the acquisition of materials (minerals, water and CO<sub>2</sub>) and their combination into plant matter, factors limiting plant growth and the ways in which the environment regulates growth and development, along with nutrition, germination, emergence and root development, mineral nutrient uptake, role, function and agronomic significance of macronutrients and micronutrients.

**Prerequisites:** AGR12PLA or BIO11OF and BIO12PS.

**Co-requisite:** AGR21SS.

**Incompatible subject:** BOT21DP.

**Class requirements:** three 1-hour lectures and one 4-hour practical class per week.

**Assessment:** practical reports and assignments throughout the semester (25%), one, 3-hour end of the semester written exam. (75%).

#### **Prescribed reading:**

Salisbury, F. B. and Ross, C. W. *Plant physiology*, 4<sup>th</sup> edn, Wadsworth 1992.

##### **PRINCIPLES OF NUTRITION (20 CPs. Sem. I. Bu.)**

**AGR21PNU** Dr

Theresa Frankel

The principles of nutrition and some aspects of applied and comparative nutrition are covered in this subject. Topics include chemical composition of foods, nutrient requirements and recommended allowances, assessment of nutritional status, characteristics of specific nutrients, energy balance and regulation of energy metabolism, consequences of deficiencies or excesses of specific nutrients, nutrition and behaviour.

**Prerequisite:** CHE12APL or equivalent, BIO11OF or equivalent.

**Class requirements:** three 1-hour lectures and one 3-hour practical class a week.

**Assessment:** written tests, assignments, practical class reports (25%) and one written examination (75%).

#### **Prescribed reading:**

Garrow, J. S. and James, W. P. T. *Human nutrition and dietetics*, 9<sup>th</sup> edn, Churchill Livingstone 1993.

Department of Community Services and Health. *Nutritional values of Australian foods*, Australian Government Publishing Service 1991.

##### **SOIL SCIENCE (20 CPs. Sem. I. Bu.)**

**AGR21SS** Dr Nick Uren

This is an introductory subject which emphasises the formation of soils, their diversity and those properties of soil which determine the growth of plants and their distribution. Contemporary issues such as soil acidity, soil erosion and salinity are covered.

**Prerequisite:** CHE11GEN and CHE12APL, or their equivalents.

**Class requirements:** four 1-hour lectures, one 3 to 4-hour practical class per week and one full-day excursion.

**Assessment:** one 3-hour final examination (75%) and weekly practical reports (25%).

#### **Prescribed reading:**

Leeper, G. W. and Uren, N.C. *Soil science - an introduction*, 5<sup>th</sup> edn, Melbourne University Press 1993.

##### **VINEYARD OPERATIONS (15 CPs. Sem. II. Bu.)**

**AGR22VO** Dr Judy Tisdall

The principles underpinning vineyard operations and the conduct of these operations will be covered in lectures and in practical classes complementing the lectures. Information introduced during first year studies will be enhanced during the course. Topics covered will include: timing of irrigation and fertiliser applications; procedures for applying water and fertiliser; control of pests, weeds and diseases; mitigation of adverse effects of climate; timing of harvesting; differences in practices adopted associated with varieties of grapes and climatic region.

**Prerequisite:** AGR12VCM

**Class requirements:** three 1-hour lectures and one 3-hour practical class per week or equivalent. Practical classes will be delivered by Northern Melbourne Institute of TAFE at their facility.

**Assessment:** practical class reports (20%), assignments (10%), one 3-hour written examination (70%).

#### **Prescribed reading:**

Coombe, B.G. and Dry, P.R. (eds) *Viticulture* Vols 1 and 2 Winetitles, Adelaide.

Smart, R.E. and Robinson, M. *Sunlight into wine*, Winetitles, Adelaide.

##### **VITICULTURAL PRACTICE (5 CPs. Sem. I & II. Bu. Aw. Mi.)**

**AGR20VPR** Dr Richard Luke and Dr Judy Tisdall

Students will extend the experience gained during completion of the subject AGR10VPR in first year by participating in viticultural production practices on vineyards operated by TAFE Institutes in Victoria. To ensure students gain experience of the spectrum of viticultural production this subject must be completed at a venue different from that experienced during completion of the subject AGR10VPR. Individual students must complete a block of three weeks of intensive field experience during intra- or inter-semester periods. The practices which an individual student will be able to undertake are expected to vary but all students will be expected to study in detail one major cultural practice. Students are required to prepare a collection of examples of 50 pests and diseases found in vineyards and environs and to be able to identify and explain their importance to production.

**Prerequisite:** AGR10VPR.

**Class requirements:** intensive period(s) totalling three weeks during non-semester periods.

**Assessment:** insect collection and oral examination based on the collection (30%); written report of vineyard(50%); written critique of cultural operation (20%).

#### **Biochemistry**

##### **CELLULAR REGULATION AND GENE EXPRESSION (20 CPs. Sem. II. Bu.)**

**BCH22RGE** Dr Susanna Herd and Dr Liz Johnson

This subject looks at the way the body extracts, stores and mobilises

fuel from food. Students will study the metabolism of nitrogen and amino acids, fatty acids and lipids as well as the structure and function of membranes. A second major topic will be the expression and regulation of genes. This will include detailed examination of nucleic acids and the processes of transcription and translation which comprise the flow of genetic information for cells.

**Prerequisite:** CHE11GEN (or CHE11BAS) plus CHE12APL and BIO11OF (or BIO12GEN for students enrolled in Bioinformatics). Students must attempt BCH21PEM before proceeding to BCH22RGE.

**Quota:** 200. The quota will be administered on the basis of marks in prerequisite subjects.

**Class requirements:** three lectures and one 4-hour practical session per week. Practical work allows hands-on experience in quantitative biochemical techniques.

**Assessment:** a mid-semester test (5%), a three-hour end of semester written examination (70%) and weekly practical work assessment as well as a practical test (25%).

### **PROTEINS, ENZYMES AND METABOLISM (20 CPs. Sem. I. Bu.)**

**BCH21PEM** Dr Susanna Herd and Dr Liz Johnson

This subject discusses the molecular design principles which allow cells to grow and function. These include consideration of the structure and function of proteins and nucleic acids, the action of enzymes and the principles of bioenergetics. Students will study the conversion of energy from simple carbohydrates to ATP, the energy currency of cells, by the combined processes of glycolysis, the tricarboxylic acid cycle and oxidative phosphorylation.

**Prerequisite:** CHE11GEN (or CHE11BAS), plus CHE12APL and BIO11OF (or BIO12GEN for students enrolled in Bioinformatics).

**Quota:** 200. The quota will be administered on the basis of marks in prerequisite subjects.

**Class requirements:** three lectures and one 4-hour practical session per week. The practical work allows hands-on experience in quantitative biochemical techniques. Students must see Dr Susan Herd before the start of the semester for allocation to a practical class.

**Assessment:** a mid-semester test (5%) a three-hour end of semester written examination (70%) and weekly practical work assessment as well as a practical test (25%).

## **Botany**

### **DEVELOPMENTAL BIOLOGY AND PHYSIOLOGY OF PLANTS (20 CPs. Sem. I. Bu.)**

**BOT21DP** Dr Charles Pallaghy

This is a study of plant cell and developmental biology. The development and growth of vascular plants with reference to the structure and the ultrastructure of the plant, cell division and enlargement, differentiation of cells, tissues and organs, primary and secondary growth, embryogenesis, experimental approaches to plant development, control and co-ordination of developmental patterns, the contribution of molecular biology to the understanding of development in plants, including plant sexual incompatibility and fruit ripening. The physiology of higher plants, the processes involved in the acquisition of nutrients and their combination into plant material, factors limiting plant growth and the ways in which the environment can regulate growth and development are also examined.

**Prerequisite:** BIO12PS and BIO11OF.

**Class requirements:** three 1-hour lectures and one 4-hour practical class per week.

**Assessment:** one 3-hour end of semester examination (75%) and practical assignments during semester (25%).

### **ECOLOGY AND SYSTEMATICS (20 CPs. Sem. II. Bu.)**

**BOT22ES** Dr Bob Parsons

The ecology of terrestrial plants, life cycles in relation to the environment and the effect of environmental and biotic factors on the distribution of individual plant species, as well as angiosperm systematics, the evolution and classification of flowering plants with particular reference to Australian flora, origins and relationships of Australian flora, plant geography of the Australian region and keys and identification of the Australian flora.

**Prerequisite:** BIO12PS. Bachelor of Environmental Science students who have completed BIO11EB may be permitted to enrol in BOT22PE, the ecology component of this subject.

**Incompatible subject:** BOT22PE.

**Class requirements:** three 1-hour lectures, one 4-hour practical class per week and a field trip of approximately four days duration during the mid-semester break. This is an essential part of the subject and reports based on it are used in the final assessment. It is not possible to set alternative work. All students should prepare a herbarium collection, details of which will be provided at the beginning of the semester.

**Assessment:** one 2.5hrs end of semester examination (approx. 65%), one end of semester practical examination (approx. 10%), practical assignments during semester and field trip report (approx. 20%) and

submission of an acceptable herbarium collection (approx. 5%).

### **Prescribed reading:**

*Flora of Australia*, Volume 1, 2<sup>nd</sup> edn, Australian Government Publishing Service 1999.

### **Prescribed reading for herbarium identification**

Duigan, S. L. *The families and genera of Victorian plants*, School of Botany, The University of Melbourne 1992.

### **PLANT ECOLOGY (10 CPs. Sem. II. Bu.)**

**BOT22PE** Dr Bob Parsons

Only available to students enrolled in Bachelor of Environmental Science.

This subject covers various aspects of the ecology of terrestrial plants and is identical in content to the ecology component of BOT22ES. Life cycles, including seed production, predation, dispersal, dormancy and germination, the seedling stage, reproduction and senescence are examined along with climatic factors such as temperature, rainfall, light and wind. Soil as a water, nutrient and oxygen source is also examined, along with biotic factors, herbivory and competition for water, light and nutrients are examined along with topographic and fire factors.

**Prerequisite:** BIO11EB (from 2001 BIO11AD).

**Incompatible subject:** BOT22ES.

**Class requirements:** three 1-hour lectures and one 4-hour practical class per week for half of the semester. A field trip of approximately four days duration during the mid-semester break. This is an essential part of the subject and reports based on it are used in the final assessment. It is not possible to set alternative work.

**Assessment:** one 1-hour end of semester examination (approx. 75%), and a field trip report (approx. 25%).

## **Chemistry**

### **CHEMISTRY IN THE REAL WORLD (20 CPs. Sem. II. Bu.)**

**CHE22RWD** Dr Andrew Hughes

This subject is designed for students enrolled in the degree program of Bachelor of Science (Chemical Sciences) and is taken at second year, along with CHE21FND Fundamentals of Chemistry and CHE22DEV Developments in Chemistry. The topics students can choose include food chemistry, biological and medicinal chemistry including drug design, solid state chemistry with direct reference to mineral structures, water chemistry and the monitoring of contaminants, air chemistry and air pollution and computational chemistry. The associated laboratory program reinforces the lecture material and provides hands-on experience of the types of problems faced by practicing chemists in Australia.

**Prerequisite:** CHE11GEN or CHE11BAS and CHE12APL or CHE11ECI and CHE12ECA and 15 credit points of a first year Physics or Mathematics subject.

**Incompatible subjects:** CHE22CWQ and ENV22AIR.

**Co-requisites:** CHE21FND and CHE22DEV.

**Class requirements:** three 1-hour lectures per week, tutorials as arranged and four hours of laboratory work per week for six weeks.

**Assessment:** three 1.5-hour exams (80%) and continuous assessment of practical laboratory (compulsory) performance (20%).

### **Recommended reading:**

Harris, D.C. *Quantitative chemical analysis*, 4<sup>th</sup> edn, Brooks Cole, 1996.

Mc Murray, J. *Organic chemistry*, 4<sup>th</sup> edn, Brooks Cole, 1996.

Rogers, G.E. *Introduction to coordination, solid state and descriptive chemistry*, McGraw Hill, 1994.

### **CHEMISTRY OF WATER QUALITY (15 CPs. Sem. II. Bu.)**

**CHE22CWQ** Dr Terry Cardwell

This subject deals with some contamination and treatment problems related to the quality of drinking and river waters. Physical, chemical and biological measures of water quality are discussed, along with sampling and storage procedures. Detailed methods for analysis of trace metal and organic pollutants in natural waters and hands-on-experience with some of these modern instrumental techniques is a key feature of the lectures and laboratory classes. Other topics covered include data presentation, waste water treatment procedures and examples of documented EPA and public health authority standard methods.

**Prerequisite:** CHE11GEN or CHE12APL or CHE11ECI.

**Incompatible subject:** CHE22RWD and CHE22DEV.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial per week and one 3-hour laboratory class for 10 weeks.

**Assessment:** one 1.5-hour examination (60%), laboratory reports (25%) and two essays (15%).

### **Prescribed reading:**

Tchobanoglous, G. and Schroeder, E. D. *Water quality*, Addison Wesley, 1985.

**DEVELOPMENTS IN CHEMISTRY (20 CPs. Sem. II. Bu.) CHE22DEV**

Dr Andrew Hughes

The choice of components in this subject is determined by individual students on the basis of the other second year subjects being taken. Available components are, environmental analytical chemistry and biological chemistry, solid state chemistry and organic chemistry, or physical chemistry.

**Prerequisite:** CHE11GEN or CHE11BAS and CHE12APL, or CHE11ECI and CHE12ECA and 15 credit points of a physics or mathematics subject.

**Class requirements:** three lectures per week, tutorials as arranged and a minimum of four-hours of practical per week. The laboratory course includes experiments in synthetic chemistry and instrumental chemistry related to various aspects of the subject.

**Assessment:** written exam papers as required, three, 1.5-hour exams (80%) and continuous assessment of practical laboratory (compulsory) performance (20%).

**Prescribed reading:**

Harris, D.C. *Quantitative chemical analysis*, 4<sup>th</sup> edn, Freeman, 1995.  
Laidler, K. J. and Reiser, J. H. *Physical chemistry*, 2<sup>nd</sup> edn, Houghton Mifflin Company, 1995.

McMurry, J. *Organic chemistry*, 4<sup>th</sup> edn, Brooks Cole Publishing, 1996.

**FUNDAMENTALS OF CHEMISTRY (20 CPs. Sem. I. Bu.) CHE21FND**

Dr Andrew Hughes

Students study aspects of organic chemistry, spectroscopic methods, occupational health and safety and the chemistry of elements of the periodic table.

**Prerequisite:** CHE11GEN or CHE11BAS and CHE12APL and 15 points of a physics or mathematics subject.

**Class requirements:** three lectures per week, tutorials as arranged and a minimum of four hours of practical per week. The laboratory course includes experiments in synthetic chemistry and instrumental chemistry related to various aspects of the subject.

**Assessment:** written papers as required, three 1.5-hour examinations (80%) and continuous assessment of practical laboratory (compulsory) performance (20%).

**Preliminary reading:**

Scott, S. K. *Beginning mathematics for chemistry*, Oxford U, 1995.

**Prescribed reading:**

Laidler, K. J. Reiser, J. H. *Physical chemistry*, 2<sup>nd</sup> edn, Houghton Mifflin Company, 1995.

McMurry, J. *Organic chemistry*, 4<sup>th</sup> edn, Brooks Cole Publishing, 1996.

Rogers, G.E. *Introduction to Coordination, solid state and descriptive chemistry*, Mc Graw Hill, 1994.

**Cognitive Science****TOPICS IN COGNITIVE SCIENCE (10 CPs. Sem. II. Bu.) COG22TOP**

Geoff Cumming

This subject is designed for students who have been admitted to the double degree course in cognitive science and computer science.

Topics to be introduced will draw upon two approaches from the disciplines that contribute to the area of cognitive science. The focus is on integrating these approaches as well as practical applications. Topics include connectionist modelling of language processing and acquisition, neural mechanisms underlying cognitive functioning, the brain as a symbolic processor, the intentional stance and its alternatives and intelligent hybrid systems.

**Prerequisite:** completion of a minimum of 150 credit points of the BCogScience/BCompScience degree, including PSY11PYA, PSY12PYB, CSE11IPC and CSE12OOP.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** one 3,000-word essay (80%) and seminar participation (20%).

**Prescribed reading:**

Thagard, P. *Mind: Introduction to cognitive science*, Cambridge, MA: MIT Press, 1996.

**Computer Science & Computer Engineering****ALGORITHMS, DATA STRUCTURES AND COMPILERS (10 CPs. Sem. I. Bu.) CSE21ADC**

Students study design, analysis and complexity of a range of important algorithms using the C++ programming language, as well as object oriented concepts such as subtyping and inheritance. The basic structure of a compiler, including lexical analysis, syntax analysis, recursive descent parsing, bottom-up parsing, context sensitive checking, code generation and code interpretation are also examined.

**Prerequisites:** CSE12OOP, MAT11DM.

**Incompatible subject:** MIS2.

**Class requirements:** two 1-hour lectures, one 2-hour laboratory class per week.

**Assessment:** one 2-hour examination (70%), assignments (20%) and laboratory work (10%).

**ARTIFICIAL INTELLIGENCE (10 CPs. Sem. I or II. Bu.) CSE21AI/CSE22AI**

This subject may be studied in either first semester (CSE21AI) or second semester (CSE22AI).

This subject focuses on artificial intelligence (AI), including the Turing test, introduction to AI application areas, problem formulation, key roles of representation, types of representation, including logic, nets, graphics, state space, production system and exploitation of constraints. Search methodologies and control approaches, applications from geometry and game playing, basic programming in Scheme, expressions and functions, making choices, recursion, paris, lists and symbols, sub-functions, environments, functions as first class objects and altering bindings are also examined.

**Prerequisite:** CSE12OOP.

**Incompatible subject:** CSE41FAI/42FAI.

**Class requirements:** two 1-hour lectures and one 2-hour laboratory class per week.

**Assessment:** one 2-hour examination (70%), assignment (20%) and laboratory class (10%).

**COMPUTER ARCHITECTURE (10 CPs. Sem. II. Bu.) CSE22ARC**

This subject may also be taken at third-year level, refer to CSE32ARC.

This subject examines the fundamentals of computer design, performance and cost, instruction set design, processor implementation techniques, control unit-hardware control, micro-program control, pipelining, pipelining hazards, memory hierarchy, cache and virtual memory.

**Prerequisite:** CSE12SYS is recommended.

**Co-requisite:** CSE21COR or CSE21DMO.

**Class requirements:** two 1-hour lectures and one 1-hour practice class per week.

**Assessment:** one 2-hour examination (70%) and one assignment (30%).

**COMPUTER ORGANISATION (10 CPs. Sem. I. Bu.) CSE21COR**

Students study Karnaugh design methods for combination and synchronous sequential circuits, counters ROM and RAM. In the computer architecture component Von Neumann machine architecture is studied, along with the central processing unit, arithmetic and logic unit, memory hierarchies and input/output (I/O) devices. The component on operating systems examines kernels, processor scheduling, memory management, I/O control and disk scheduling, with general resource management and interprocess coordination also discussed.

**Prerequisite:** MAT11DM.

**Incompatible subject:** CSE21DMO.

**Class requirements:** two 1-hour lectures and one 2-hour laboratory class per week.

**Assessment:** one 2-hour examination (70%) and laboratories and assignments (30%).

**DATA COMMUNICATIONS AND NETWORKS (10 CPs. Sem. I. Bu.)****CSE21NET**

This subject may also be taken at third-year level, refer to CSE31NET.

This subject examines the basic concepts of communications, network topologies, including structure, routing and control. Circuit, message and packet switching, examples of networks, communication software and protocols and standardisation such as ISO and CCITT are also examined. The subject also contains additional tutorials on UNIX & C are for students who have not done CSE12SYS.

**Incompatible subject:** CSE41FCC.

**Prerequisite:** CSE12SYS is recommended.

**Class requirements:** one 2-hour lecture and one 2-hour laboratory class per week.

**Assessment:** one 2-hour examination (70%) and one assignment (30%).

**DATABASE SYSTEMS (10 CPs. Sem. I. Bu.) CSE21DB**

This subject may also be taken at third-year level, refer to CSE31DB.

Database systems terminology, data models for database systems, including the entity-relationship model, the relational model, the network model and the hierarchical model, along with relational query languages, designing relational databases, functional dependencies and normal form. integrity and security are examined.

**Incompatible subject:** CSE41FDB.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week.

**Assessment:** one 2-hour examination (70%), one assignment (25%) and two tests (5%).

**DISCRETE MATHEMATICS AND COMPUTER ORGANISATION (15 CPs. Sem. I. Bu.) CSE21DMO**

Only available Bachelor of Computer Systems Engineering and

*Bachelor of Computer Science (Honours)/Bachelor of Engineering (Electronics) students.*

*This is an amalgamation of CSE21COR (without the logic component) and MAT11DM. Refer to relevant subject entries for details.*

*Prerequisites:* MAT11EN, MAT12FEN, ELE11IEL and ELE12CCT.

*Incompatible subject:* CSE21COR.

*Co-requisites:* ELE21DIG, ELE21LIN, ELE22MIC, ELE22ACI.

*Class requirements:* two 1-hour lectures and one 2-hour laboratory class per week.

*Assessment:* one 2-hour examination (70%) and one assignment (30%).

#### **INTRODUCTION TO PROFESSIONAL COMMUNICATION (10 CPs.**

**Sem. II. Bu.) CSE22COM**

This subject focuses on developing computing students' ability to acquire, evaluate and organise information in various forms and present it effectively in essays and oral reports, and to interact fluently and confidently in English. Topics include communication process, communication models, oral communication, body language, skills for good communication, group dynamics, group interaction, working in a group, written communication, report writing, writing effectively.

*Incompatible subjects:* BCO3, MANC1A.

*Class requirements:* two 1-hour lectures and one 2-hour laboratory/practice class per week.

*Assessment:* one 2-hour examination (70%), one 2,000-word essay (30%)

#### **MICROPROCESSORS AND ASSEMBLY LANGUAGE (10 CPs. Sem. II. Bu.) CSE22MAL**

The subject examines the architecture of microprocessors, interrupts, timing diagrams, interfacing and the 80286 processor as well as assembly language programming, including instruction types, addressing modes and programming for the 80286 processor.

*Prerequisite:* CSE21COR or CSE21DMO.

*Class requirements:* two 1-hour lectures and one 2-hour laboratory class per week.

*Assessment:* one 2-hour examination (70%), assignment (30%).

#### **OBJECT ORIENTED DATA ENGINEERING (10 CPs. Sem. II. Bu.) CSE22ODE**

*This subject may also be taken at third-year level, refer to CSE32ODE.*

This subject aims to introduce students to the concept of advanced object oriented conceptual modelling for software engineering and data modelling. It uses as its fundamental conceptual data model, the object-oriented model. Object-oriented ideas for modelling purposes are introduced and extensions of these for data modelling are discussed. The object-oriented model is contrasted with other models, such as hierarchical, network and entity-relationship models. Examples of the use of object-oriented modelling for data modelling are discussed.

*Prerequisite:* CSE12OOP.

*Incompatible subject:* CSE42FDM.

*Class requirements:* two 1-hour lectures and one 1-hour laboratory class per week.

*Assessment:* one 2-hour examination (70%), assignment (30%).

#### **SYSTEMS DESCRIPTION TECHNIQUES (10 CPs. Sem. I. Bu.) CSE21SDT**

Students examine entity-relationship diagrams, object-oriented modelling diagrams, decision tables/trees, dataflow diagrams, data dictionary, structure chart, state transition diagrams, petri-net diagrams and the flow of interaction diagrams.

*Incompatible subject:* CSE41FSE.

*Class requirements:* one 2-hour lecture and one 1-hour laboratory class per week.

*Assessment:* one 2-hour examination (70%), one assignment (25%) and laboratory class (5%).

### **Conservation Biology**

#### **ISSUES IN CONSERVATION (20 CPs. Sem. I. Bu.) COB21IC Dr Tim New**

This subject covers rationales for biodiversity conservation: moral, aesthetic and utilitarian. Biodiversity and its assessment: measures of biodiversity, survey methods for bacteria, protists, plants and animals, surrogate groups, molecular assessment of biodiversity as genetic information content, rapid assessment methods, endemism, taxonomy and phylogeny. Biodiversity in Australia: continental biogeography, characteristics of Australian ecosystems. Maximising retained biodiversity through optimal reserve selection. Endangering processes. Ecosystem services: relationship to biodiversity. Management of endangered species: status evaluation, life histories, captive maintenance, inbreeding avoidance, reintroduction, population viability analysis, impact of introduced species. Restoration ecology. Use of computer programs for conservation biological analysis: reserve selection, evolutionary distinctiveness, and population viability analysis.

*Prerequisite:* BIO11AD, BIO11OF, BIO12GEN or BIO12AGG, BIO12PS or AGR12PLA, STA11LS.

*Quota:* 40. Priority will be given to students enrolled in the Bachelor of Science (Conservation Biology and Ecology) degree, with any remaining places filled based on academic performance in earlier subjects.

*Class requirements:* three 1-hour lectures per week, and one 4-hour practical session per week (or equivalent in field course work, which may take place outside of semester time. The course may include exercises involving trapping, preservation and examination of invertebrates.

*Assessment:* one 3-hour examination at the end of the semester (70%) and three practical 1,000-word assignments throughout the subject (30%).

### **Electronic Engineering**

#### **ANALOG CIRCUITS AND INTERFACING (10 CPs. Sem. II. Bu.)**

**ELE22ACI Mr Graeme Rathbone**

Students examine transfer-function analysis, network classification low-pass to band-pass transformation, brick-wall and linear phase approximations, frequency response of simple amplifiers with feedback, gain-bandwidth product, semiconductor device ratings, biasing and operating point, small signal transistor amplifier design and analysis, coupling capacitors, feedback and feedback topologies, input and output resistance. Differential amplifier configuration; common and differential mode gain and common mode rejection ratio, current sources and high frequency hybrid-pi models are also covered, along with frequency response of transistor amplifiers.

*Prerequisite:* ELE21LIN, MAT21LA or MAT21ELA and MAT21AVC.

*Co-requisite:* MAT22APD.

*Class requirements:* two lectures per week, one problem class and three hours practical work per fortnight.

*Assessment:* one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Sedra, A.S. and Smith, K.C. *Microelectronic circuits*, OUP, 4<sup>th</sup> edn, 1998.

#### **CIRCUIT DESIGN PROJECT (10 CPs. Sem. II. Bu.) ELE22CDP Mr Darrell Elton**

This subject covers design methodology, philosophy and process. PSpice is used to optimise simple analogue designs. VHDL is introduced as a digital design tool. There are a series of laboratory exercises using both PSpice for analogue and Warp for digital designs. Practical work includes a group project. This subject is normally taken in conjunction with ELE21LIN and ELE22ACI.

*Prerequisites:* ELE11IEL, ELE12CCT and ELE12CAD.

*Incompatible subject:* ELE22DSD.

*Class requirements:* two lectures and two hours of practical work per week.

*Assessment:* one 2-hour examination (50%), assignments (10%) and practical work (40%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Skahill, K., *VHDL for Programmable logic*, Addison-Wesley, 1996

#### **DIGITAL CIRCUITS (10 CPs. Sem. I. Bu.) ELE21DIG Dr Jim Armstrong**

Students are presented with intermediate level digital circuit analysis and design techniques covering digital devices and sequential circuits. Topics include applications of logic gates, applications of flip-flops, MSI logic circuits, analogue to digital and digital to analogue converters, memory devices, programmable logic devices, sequential circuits, sequential system analysis, algorithmic state machine diagrams and their use, synchronous and asynchronous state machine design.

*Prerequisites:* ELE11IEL, MAT10EN (from 2001 MAT11EN and MAT12FEN) or MAT11CFN.

*Class requirements:* two lectures per week, one problem class and three hours practical work per fortnight.

*Assessment:* two hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Tocci, R. J. *Digital systems, principles and applications*, 7<sup>th</sup> edn, Prentice Hall 1998.

#### **DIGITAL SYSTEMS (10 CPs. Sem. II. Bu.) ELE22DSD Mr Darrell Elton**

This subject introduces the students to the philosophy and implementation of digital design. It investigates design methodology through the implementation of a practical digital system. The design process is taken from concept, through documentation and simulation to the final production. The industry standard hardware description language, VHDL, is introduced. The subject places emphasis on the role of CAD tools in the design process to confirm and optimise simple digital design.



Comparisons are made between the simulations from the design process and the final implementation.

**Prerequisite:** ELE21DIG.

**Incompatible subject:** ELE22CDP.

**Class requirements:** two lectures and two hours of practical work per week.

**Assessment:** one two-hour examination (50%), assignments (10%) and practical work (40%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Tocci, R. J. *Digital systems, principles and applications*, 7<sup>th</sup> edn, Prentice Hall, 1998.

Skahill, K. *VHDL for Programmable logic*, Addison-Wesley, 1996.

**ELECTRICAL SYSTEMS AND DESIGN (10 CPs. Sem. I. Bu.)**

**ELE21ESD Mr Jim Royston**

Students study topics including magnetic circuits and transformers, DC machines, synchronous machines, induction motors, power generation and distribution, stepper motors, rectifiers and inverters. This subject is normally taken in conjunction with ELE21LIN.

**Prerequisites:** ELE11IEL, ELE12CCT, ELE12EDP and MAT10EN (from 2001, MAT11EN and MAT12FEN).

**Class requirements:** two lectures and two hours of practical work per week.

**Assessment:** one 2-hour examination (70%), assignments (10%) and practical work (20%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Jenneson, J. R. *Electrical principles for the electrical trades*, 4<sup>th</sup> edn, McGraw Hill, 1996.

**ELECTRONIC MEASUREMENTS AND INSTRUMENTATION (15 CPs. Sem. II. Bu.)**

**ELE22EMI Mr Geoff Tobin**

This subject aims to provide a thorough understanding of appropriate electronic measurement techniques, sources of errors, interference, noise and distortion that impact on the measurements being made.

Students are shown how to select and operate (as equipment availability permits) the appropriate instruments for the measurement of analog and digital signals, including CRO, spectrum analysers, logic state analysers, automated testing and the use of the GPIB bus.

**Prerequisites:** ELE11IEL and ELE12CCT.

**Class requirements:** two lectures and four hours of practical work per week.

**Assessment:** one 2-hour examination (33%), assignments and practical work (67%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Carr, J. *Elements of electronic instrumentation and measurement*, Prentice-Hall, 3<sup>rd</sup> edn, 1996.

**ENGINEERING MANAGEMENT (10 CPs. Sem. II. Bu.)**

**ELE22EMT Mr Graeme Rathbone**

This subject consists of two components. All students will be required to sit for both components. The first component is introduction to engineering economics and financial management. Here the focus is to provide basic understanding of principles of economics, finance and accounting at a level relevant for practising graduate engineers. Topics include accounting principles, financial statements, financial analysis, budgets, management accounting, product, process and project costing and financing of engineering projects. Also covered is microeconomic principles, macroeconomic principles, the Australian economy, engineers and economic development, microeconomic reform, tariffs, international trade and the role of economics in engineering decision making. The second component, management principles for engineers, covers the commercial and competitive context of engineering, including an overview of the management context, embracing human and industrial relations, organisation, and the schools of management thought. Also covered is the engineering approach to planning and management (Engineering Method), definitions and concepts of the different functions of supervision and management, the nature of supervision, decisions, orders and instructions and Authority, responsibility, delegation and accountability. Examination is made of organisation in engineering projects and enterprises, including line and staff, matrix organisation. and current management practices and techniques. Human resource management, job analysis and change, occupational health and safety and current trends and issues in management, such as out-sourcing and change management are also examined.

**Prerequisite:** ELE12EMT.

**Class requirements:** four lectures per week.

**Assessment:** written examinations (80%) and various assignments (20%).

**Prescribed reading:**

Bell Althea (ed.) *Introductory accounting and finance*, Nelson.

Carrick M. *An introduction to accounting*, Mc Graw Hill, 4<sup>th</sup> edn, 1996.

Fraser, S. (et al), *Economics for business*, Mc Graw Hill 1995.

Hornigren, C. and Foster. G. *Cost accounting - a managerial emphasis*, Prentice Hall.

Kriesler, P (ed.) *The Australian economy*, Allen and Unwin.

McCormick. *Human factors in engineering and design*, McGraw-Hill 1982.

Moorhead, G. and Griffen, R. W. *Organisational behaviour*, 4<sup>th</sup> edn, Houghton Mifflin, 1995.

**LINEAR CIRCUITS AND SIGNALS (10 CPs. Sem. I. Bu.)**

**ELE21LIN Dr Jim Cameron**

Topics in this subject include methods of circuit analysis, time domain analysis of linear time-invariant networks, DC circuit analysis, steady-state AC analysis and phasor techniques, network parameters, resonant circuits, transient analysis, the state-space approach and definition of the Laplace transform. Also studied are transfer function, poles and zeros, pole-zero plots in the s-plane, characteristics of the s-plane and stability in the s-plane.

**Prerequisites:** ELE11IEL and ELE12CCT, MAT10EN (from 2001 MAT11EN & MAT12FEN) or MAT12CLA.

**Co-requisites:** MAT21LA or MAT21ELA and MAT21AVC.

**Class requirements:** two lectures per week, one problem class and three hours practical work per fortnight.

**Assessment:** two hour examination (70%), practical work (20%) and assignments (10%).

In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

DeCarlo, R. A. and Lin, P.M. *Linear circuit analysis, -time domain phasor and Laplace transform approaches*, Prentice Hall, 1995.

Sedra, A.S. and Smith, K.C. *Microelectronic circuits*, OUP, 4<sup>th</sup> edn, 1998.

**MICROPROCESSORS (10 CPs. Sem. II. Bu.)**

**ELE22MIC Dr Seng Goh**

This is an introduction to microprocessors and their applications. Topics include introduction to microprocessors, microprocessor architecture, assembly language programming, memory, parallel and serial I/O, computer design, timing, address decoding, interrupts, memory management, caches, virtual memory, mass storage devices, DMA, systems programming and other processors.

**Prerequisites:** ELE21DIG, MAT10EN (from 2001 MAT11EN and MAT12FEN) or MAT11CFN.

**Class requirements:** two lectures per week, one problem class and three hours practical work per fortnight.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%).

In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Spasov, P. *Microcontroller technology: The 68HC11*, 3<sup>th</sup> edn, Prentice-Hall, 1999.

**Environmental Management and Ecology**

**BIostatistics (20 CPs. Sem. II. Bu., Aw.)**

**WST21BS Aw: Dr J. Jackson**  
This subject is identical to STA22BS. Check the Index of Subjects at the back of the Handbook for the location of that subject.

**ECOLOGICAL GENETICS AND EVOLUTIONARY ECOLOGY (20 CPs. Sem. II. Aw.)**

**WEM22EGE Dr Susan Lawler**

The aim of this subject is to provide an understanding of ecology, ecological genetics and evolutionary ecology by consideration of the following topics: the maintenance and distribution of genetic variation, the measurement of inbreeding, the impact of natural selection, the evolutionary history of species' distributions, co-evolutionary processes, speciation and extinction.

**Prerequisite:** WBI12GEN.

**Class requirements:** three 1-hour lectures and one 4-hour practical class per week.

**Assessment:** one 3-hour written exam (70%), a taxonomic collection (10%) and practical reports (20%).

**ENVIRONMENTAL POLLUTION CONTROL (20 CPs. Sem. I. Aw.)**

**WEM21EPA Dr Percival Thomas**

The aim of this subject is to provide an understanding of environmental pollution and its control, with particular regard to public health, the characteristics of solid wastes and the chemistry of water and waste water treatment. The topics considered include: environmental pollution and diseases; residential and institutional environ-



mental pollution; generation rates and characteristics of solid waste; waste minimisation and recycling options; fundamentals of surface and colloidal chemistry, alkalinity and pH, chemistry of water softening, chlorination and iron and manganese kinetics; solubility equilibria; carbon adsorption; soil pollution and principles of chemical thermodynamics.

*Prerequisite:* WCH11GEN or WCH12APL.

*Class requirements:* three 1-hour lectures and one 4-hour practical class per week.

*Assessment:* one 2-hour written exam (60%), practical reports and assignments (40%).

### **ORIGIN AND EVOLUTION OF THE AUSTRALIAN BIOTA (20 CPs. Sem. II. Aw.) WEM220EB Dr Peter Pridmore**

This subject introduces the student to the Australian environment and its biota. The continent's geological structure, climate, hydrological processes, soils and biogeography are studied to explain the development and distribution of Australian ecosystems. Several major areas will be reviewed, including geology and biogeography, major features of the Australian landscape, their origin and history and elements of the Australian biota, the climatology determinants and distribution of weather patterns, soil science and origins, properties and biology of soils, bio-geochemical cycling, hydrological variables within aquatic systems, physico-chemistry, catchment theory, ecosystems biodiversity, physical and chemical interactions, the distribution and evolution of biological communities, fire and human impacts.

*Class requirements:* three 1-hour lectures, one 1-hour tutorial and one 3-hour practical class per week.

*Assessment:* one 3-hour written exam (60%), practical assignments (20%) and a book review essay (20%).

### **THEORETICAL AND APPLIED ECOLOGY (20 CPs. Sem. I. Aw.)**

**WEM21TAE Dr Dennis Black**

This subject provides an understanding of ecology through studies of population ecology, community ecology and applied ecology. The topics considered include population ecology types of competition, dynamics of simple competition systems, competition models and real systems, types of predation, dynamics of simple predator-prey systems, predator-prey models and real systems, decomposers, parasitism and mutualism. Other topics include community ecology, transfer of energy and materials within communities, abiotic and biotic determinants of community structure, food web stability and complexity, Applied ecology principles and dynamics of biological control, application of island biogeography and dynamics of agricultural and managed forest ecosystems.

*Prerequisite:* WB111AD.

*Class requirements:* three 1-hour lectures, one 4-hour practical class per week and one 1-week field course.

*Assessment:* one 2-hour written exam (60%), one, 2,000-word essay (20%) and practical reports (20%).

### **WATER AND AIR QUALITY (20 CPs. Sem. II. Aw.) WEM22EPB Dr Phil Suter**

The aim of this subject is to provide an understanding of environmental pollution and its control, with particular regard to waste water treatment and disposal and the aquatic and atmospheric environment. Three major areas are reviewed, including treatment and disposal characteristics of domestic waste water, waste water microbiology, river and ocean discharges, effluent standards and stormwater disposal. Other topics include water quality control, physical, chemical and biological water quality parameters, eutrophication, methods of water quality analysis, point and diffuse source pollution, water treatment methods, Air quality control types and sources of air pollution. Also considered are impacts of air pollution on plants and animals, global implications, mechanics of transport and dispersion of pollution and air quality and emission standards.

*Prerequisite:* WEM21EPA.

*Class requirements:* three 1-hour lectures and one 4-hour practical class per week.

*Assessment:* one 2-hour written exam (60%) and practical reports and assignments (40%).

## **Environmental Science**

### **ENVIRONMENTAL SCIENCE (10 CPs. Sem. I & II. Bu.) ENV20ENV Dr John Riley**

This subject provides a means of discussing environmental issues from different points of view and of introducing students to the social, legal and philosophical issues in environmental science. In first semester, seminars cover topics relevant to the course. In second semester, a workshop on an environmental issue is considered in eight three-hour sessions. Students are required to obtain information, assemble a discussion paper on an aspect of the issue and present a report.

*Class requirements:* four 2-hour seminars in first semester and eight 3-hour workshops in second semester.

*Assessment:* four short seminar summaries in first semester (50%), one workshop summary (20%) and one extended discussion paper (30%) in second semester.

### **INTRODUCTION TO ATMOSPHERIC SCIENCE (20 CPs. Sem. II. Bu.) ENV22AIR Dr Elizabeth Essex**

The two main components to this subject are circulation and chemistry. In the first students study troposphere air circulation, climate and weather systems, radiation balance and energy transfer. In the chemistry component, chemistry of the natural atmosphere and urban and industrial pollution of the lower atmosphere are examined. The subject also includes experimental methods in meteorology and atmospheric chemistry.

*Prerequisite:* PSY10SCI or PHY11PAA and PHY12PAB and at least 15 CPs of first year chemistry. MAT11CFN and MAT12CLA are highly recommended.

*Quota:* 40. Bachelor of Environmental Science students have priority. For other students the quota will be administered on the basis of marks in previous studies.

*Class requirements:* three lectures and one tutorial per week. Nine 4-hour laboratory sessions and one or two half-day site visits.

*Assessment:* one 1.5-hour examination (25%), one 2-hour examination (45%), laboratory reports (20%) and class exercises and visit reports (10%).

### **MEASURING ENVIRONMENTAL PROCESSES (15 CPs. Sem. II. Bu.)**

**ENV22MEP Professor Robert Leckey**

This subject addresses the need to monitor various aspects of the physical environment and to determine their short and long-term variability. A broadly based understanding of the techniques involved in measurements of physical phenomena using optical, electrical, nuclear and seismic instrumentation is acquired.

*Prerequisite:* PHY11PAA or PHY10SCI.

*Class requirements:* two 1-hour lectures and one laboratory session per week.

*Incompatible subject:* PHY20SCI.

*Quota:* 40. Bachelor of Environmental Science students have priority. For other students the quota will be administered on the basis of marks in previous studies.

*Assessment:* One two-hour examination (70%) and continuous assessment of laboratory reports (30%).

## **Genetics**

### **ECOLOGICAL GENETICS (20 CPs. Sem. II. Bu.) GEV22ECG**

Ideas and methods necessary for the study of animal and plant populations are introduced and cover the following material. The nature and amounts of genetic variation in populations of animals and plants: protein and DNA variation, quantitative characters, mitochondrial, chloroplast and nuclear genes. The genetic basis of adaptation of organisms to their local environments, distribution of genes in populations, related problems of ecology and speciation and long-term evolutionary change, including the use of DNA to determine evolutionary relationships. Also covered is application of these topics in the areas of plant and animal breeding, pest management and conservation biology.

*Prerequisite:* normally BIO12 GEN, or, with the approval of an Adviser of Studies, BIO12AGG.

*Quota:* 100. Entry usually determined by academic record in BIO12GEN.

*Class requirements:* three 1-hour lectures and one 4-hour practical class per week.

*Assessment:* practical assignments (15%), a practical examination (25%) and one 3-hour theory examination (60%).

### **HUMAN GENETICS AND BIOLOGICAL ANTHROPOLOGY (20 CPs. Sem. II. Bu.) HUG22HUM**

This subject introduces students to concepts and methods in biological anthropology and immunology and provides a background for students entering HUG32HUM. Where possible, case studies are drawn from the Pacific region, including Australia. Included in the subject is human evolution, particularly the origin and spread of genus Homo, and the nature of evolutionary evidence; the genetic basis of simple and complex traits in humans, the use of molecular techniques to identify polymorphisms of significance in human disease; micro-evolution and genetic diversity; DNA in forensic science working with human skeletal remains; interactions between culture and human biology; human biological adaptation; human immunogenetics including genes controlling immune responses, immunogenetic markers in studies of disease and in anthropology,

and disease, immunity and lifestyle.

**Prerequisite:** normally BIO12GEN, or, with the approval of the Adviser of Studies, BIO12AGG or PSY10BN.

**Quota:** 85. (Limited by lab. space). Entry usually determined by academic record in BIO12GEN.

**Class requirements:** three 1-hour lectures and one 3-hour practical or workshop per week.

**Assessment:** practical workshop assignments and tutorials (30%) and a three-hour examination (70%).

#### **Recommended reading:**

Cummings, M. R. *Human heredity*, 4<sup>th</sup> edn, West/Wadsworth 1998.

JaneWAY, C. A. and Travers, P. *Immunobiology*, 3<sup>rd</sup> edn, Current Biology Ltd. Garland Publishing 1997.

Lewis, R. *Human genetics*, 3<sup>rd</sup> edn, Sinauer Associates 199

#### **MOLECULAR AND GENERAL GENETICS (20 CPs. Sem. I. Bu.) GEV21MGG**

This subject comprises components in DNA, Genomes and Gene Expression. In the DNA component students study DNA structure and genetic function, recombinant DNA techniques, plasmid and virus vectors, cloning and identifying genes, DNA markers, mapping and sequencing genomes, disease diagnosis, biotechnology, responsibility and ethics, as well as DNA transactions, replication and polymerase chain reaction, mutation and repair and recombination. In the Genomes component, students study bacterial genomes, plasmids, replication, gene transfer mechanisms, use for establishing gene order, virus genomes, gene mapping in bacteriophage, integration of plasmids and virus genomes into host chromosomes, insertion sequences and "jumping genes". Chromosome structure and function in eukaryotes, gene mapping in higher organisms. Chromosome changes and their effects on meiosis as well as on external phenotype are illustrated using human examples. Gene expression is comprised of study in the nature of genetic information derived from auxotrophs and metabolic diseases, genes, polypeptides, expression of genetic information, transcription and translation, prokaryotic control of gene expression, operons and avoidance of immune responses, eukaryotic control of gene expression, split genes, DNA rearrangements in parasites and antibodies and differentiation.

**Prerequisite:** BIO12GEN, or, with an Adviser of Studies' approval, BIO12AGG or BIO110F.

**Quota:** 160. Entry usually determined by academic record in BIO12GEN.

**Class requirements:** three 1-hour lectures and one 4-hour practical class per week.

**Assessment:** practical assignments (15%) a practical examination (25%) and theory examination (60%).

#### **Geology**

##### **EARTH MATERIALS (40 CPs. Sem. I & II. Bu.) GEO20EMA Dr John Webb**

Topics covered in this subject include the nature of crystalline materials as a basis for the study of minerals and rocks, the study of mineral optics and the polarising microscope as a preparation for the microscopic examination of rocks in thin section, the nature and origin of the three major classes of rocks, rock classification and the formation of igneous, metamorphic and sedimentary rocks, the origin of magmas and the evolution of volcanic and intrusive igneous rocks, environments of deposition and the interpretation of sedimentary rocks, structures in sedimentary rocks and their importance, metamorphism in regional and contact settings and structural geology, with special emphasis on the description and geometric analysis of rock deformation.

**Prerequisites:** GEO11DYN and GEO12ERS or WGE11DYN and WGE12ERS.

**Class requirements:** three lectures and two 2-hour practical periods per week. Attendance at practical classes is compulsory. Compulsory field work (dates and destinations provided in February) comprises a 10-day field mapping camp and two full-day field excursions to examine aspects of sedimentary rocks and structural geology. Transport is provided.

**Assessment:** theory (50%), practical examinations and laboratory exercises (40%) and field exercises (10%). Examinations are held at the end of each semester.

#### **Prescribed reading:**

Davis, G. H. and Reynolds, S. J. *Structural geology of rocks and regions*, 2<sup>nd</sup> edn, Wiley 1996.

Klein, C. and Hurlbut, C. S. *Manual of mineralogy*, Wiley 1993.

Nesse, W. D. *Introduction to optical mineralogy*, 2<sup>nd</sup> edn, Oxford 1992.

Tucker, M. E. *Sedimentary petrology*, 2<sup>nd</sup> edn, Blackwell 1991.

##### **ENVIRONMENTAL GEOSCIENCE - LANDSCAPE AND CLIMATE**

##### **CHANGE (10 CPs. Sem. II. Bu.) GEO22EGL Dr Chris Gray**

This subject may also be taken at third year level, refer to GEO32EGL. This subject introduces the study of landscape evolution, considering

both tectonic and climatic factors. Fundamental questions, such as the formation and erosion of mountain ranges and how quickly they are eroded, are covered. The influence of climatic changes on the landscape, particularly over the last two million years of the Quaternary, is discussed in terms of the onset of aridity in Australia. The surface materials of the landscape (soils and regolith) are described, along with the chemical and physical processes responsible for their formation, and related to climatic history. Practical exercises involve descriptive work and case studies of particular areas.

**Prerequisite:** GEO11DYN and GEO12ERS or WGE11DYN and WGE12ERS.

**Class requirements:** two lectures each week and one 3-hour practical session for eight weeks.

**Assessment:** one 3-hour examination and practical reports and assignments.

#### **Recommended reading:**

Williams, M. A. J. *Quaternary environments*, Edward Arnold 1993.

Summerfield, M. A. *Global geomorphology*, Longman 1991.

Moore, P. D. Chaloner, B. and Stott, P. *Global environmental change*, Blackwell 1996.

##### **ENVIRONMENTAL GEOSCIENCE - REMOTE SENSING AND GIS (10 CPs. Sem. II. Bu.) GEO22EGR Dr Ian Buick**

This subject may also be taken at third year level, refer to GEO32EGR.

This subject consists of two components. The remote sensing and image analysis component covers the basic theory of electromagnetic radiation and its interaction with the Earth's surface. The range, characteristics and the specific applications of the types of currently available remote sensors are covered, including the basic theory required to process and interpret digital images (such as filtering techniques, image classification, geo-referencing and map production). The second component of the course, geographical information systems, introduces the theory and concepts of spatial data base systems. It focuses on the techniques for handling and integrating different types of digital data (raster and vector data) and the principles of spatial data models.

**Class requirements:** two lectures and one 3-hour practical session each week for 11 weeks.

**Assessment:** one 3-hour examination (60%), practical reports and assignments (40%).

#### **Recommended reading:**

Sabins, F. F. Jr *Remote sensing: principles and interpretation*, W. H. Freeman and Co. 1987.

Lo, C. P. *Applied remote sensing*, Longman Inc. 1986.

Lillesand, T. M. and Kiefer, R. W. *Remote sensing and image interpretation*, 2<sup>nd</sup> edn, John Wiley and Sons 1987.

##### **ENVIRONMENTAL GEOSCIENCE - WATER AND HAZARDS (20 CPs.**

##### **Sem. I. Bu.) GEO21EGW Dr John Webb**

This subject may also be taken at third year level, refer to GEO31EGW.

This subject covers the geological aspects of water, in terms of surface flows, ground water and water geochemistry. Lectures on descriptive and quantitative hydrology, the principles of ground water flow, aquifer characteristics, pumping tests and rock-water interaction are supplemented by practical problem solving and data interpretation sessions and one full-day and one half-day excursion. There is a strong emphasis on the environmental aspects of these topics, including problems associated with mining, including acid mine drainage. The subject also covers the major geological hazards, including earthquakes, volcanoes and meteorological hazards (storms, flooding), in terms of their causes and ways in which they can be planned for. Practical work involves a detailed analysis of a recent disaster and assessing the effectiveness of the disaster plan.

**Prerequisites:** GEO11DYN and GEO12ERS or WGE11DYN and WGE12ERS.

**Class requirements:** three lectures, one 3-hour practical session and one full day excursion.

**Assessment:** one 3-hour examination (60%), practical reports and excursion assignments (40%).

#### **Recommended reading:**

Domenico, P.A. and Schwartz, F. W. *Physical and chemical hydrogeology*, Wiley 1990.

Drever, J. I. *The geochemistry of natural waters*, 3<sup>rd</sup> edn, Prentice Hall 1997.

Viessman, W. and Lewis, G. I. *Introduction to hydrology*, Harper Collins 1995.

#### **Mathematics**

##### **ANALYSIS A (10 CPs. Sem. I. Bu.) MAT21PAA**

Ideas about limits and continuity, introduced in calculus in Mathematics 11CFN, are essential in nearly every area of modern mathematics. This

subject studies limits of functions and limits of sequences and shows how these ideas can be extended to higher dimensions. As an application, tests are derived for the convergence of infinite series, which are used in both applied mathematics and in statistics.

*Prerequisite:* MAT12CLA.

*Class requirements:* two lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **ANALYSIS B (10 CPs. Sem. II. Bu.) MAT22PAB**

An extension of the basic idea of a limit to include sequences of functions and sequences of sets forms the underlying theme of this subject. The major topic covered, the Contraction Mapping Theorem, plays a vital role in modern mathematics and its applications. It is used to establish the existence of solutions to algebraic and differential equations and to construct fractals. Its application to sequences of sets underlies techniques of image compression used in computer graphics.

*Prerequisite:* MAT21LA and MAT21PAA.

*Class requirements:* two lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **DISCRETE MATHEMATICAL STRUCTURES (10 CPs. Sem. II. Bu.) MAT22PDM**

The study of discrete mathematical structures, such as groups and fields, underpins a large amount of modern computer science. Group theory, the principal mathematical tool for analysing symmetry, is genuinely 20<sup>th</sup> century mathematics and has widespread applications in all areas of science. Field theory has important applications to coding theory, which is used to preserve the security of computer networks. This subject develops the basics of both group theory and field theory, including applications to codes.

*Prerequisite:* MAT11DM or MAT12CLA.

*Class requirements:* two lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **LINEAR ALGEBRA (10 CPs. Sem. I. Bu.) MAT21LA**

Linear algebra is one of the cornerstones of modern mathematics, both pure and applied. Simple geometrical ideas, such as lines, planes, rules for vector addition and dot products arise in many places, including calculus, mechanics, differential equations and numerical analysis. This subject is an introduction to the mathematics which allows these geometrical ideas to be applied in non-geometrical contexts.

*Prerequisite:* MAT12CLA.

*Incompatible subject:* MAT21ELA.

*Class requirements:* three lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **LINEAR ALGEBRA FOR ENGINEERING (10 CPs. Sem. I. Bu.) MAT21ELA**

Linear algebra is one of the corner stones of modern mathematics. It has important applications in many branches of science, in engineering and economics. In this subject, the fundamental ideas of linear algebra are developed and applications are given to electric circuit theory.

*Prerequisite:* MAT11EN and MAT 12FEN (formerly MAT 10EN).

*Incompatible subject:* MAT21LA.

*Class requirements:* three lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **MATHEMATICAL MODELLING AND ENVIRONMENTAL PROCESSES (10 CPs. Sem. II. Bu.) MAT22ENV**

Differential equations and partial differential equations are introduced via mathematical models. The models include diffusion of materials and heat through the environment and population models. There is also some reference to coupled differential equations arising from predator prey and chemical interaction models. Extensive use is made of the DERIVE package to carry out algebraic manipulation, find solutions of simple differential equations and to produce graphs of solutions.

*Prerequisite:* MAT11CFN and MAT12CLA or MAT12MCB.

*Class requirements:* one 1-hour lecture, one 1-hour practice class and one 1-hour computer laboratory session per week.

*Assessment:* a 1.5-hour examination (60%), fortnightly assignments (20%) and computer laboratory tests (20%).

### **MATHEMATICAL TOPICS FOR COMPUTER SCIENCE (10 CPs. Sem. II. Bu.) MAT22MCS Dr Peter Stacey**

This subject examines a number of mathematical topics of interest and use to computer science students. In particular, it is appropriate for students enrolled in the Bachelor of Computer Systems Engineering and Bachelor of Computer Science degrees and is a core subject for the former. The subject treats theoretical foundations and numerical aspects of topics including the Z-transform, series and integrals, planar geometry, recurrence relations and generating functions, for applications to areas such as performance analysis and computer graphics.

*Prerequisites:* MAT11DM or MAT12CLA or MAT12FEN.

*Class requirements:* two 1-hour lectures, two 1-hour practice classes and one 1-hour tutorial per fortnight.

*Assessment:* fortnightly assignments (10%), one 2-hour examination (90%).

### **MECHANICS (10 CPs. Sem. II. Bu.) MAT22AM**

This subject deals with the kinematics and dynamics of a particle and of systems of particles. Particle dynamics and conservation laws, rigid rotating bodies and the two body problem (central forces) are the main topics. All the dynamical problems we look at are based on Newton's second law. The mathematical concepts from MAT21AVC and the differential equations from MAT12CLA are the main tools used.

*Prerequisite:* MAT21LA or MAT21ELA and MAT21AVC.

*Class requirements:* three lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **NUMERICAL MATHEMATICS (10 CPs. Sem. I. Bu.) MAT21ANM**

Solving problems with the aid of a computer is an integral part of modern applied mathematics. This subject introduces approximate methods for solving problems which arise in a variety of applications. The component is organised into projects which include approximate solution of  $f(x) = 0$ , solving linear systems, numerical integration and numerical solution of differential equations. Regular use is made of microcomputer laboratories.

*Prerequisite:* MAT12CLA.

*Class requirements:* three lectures and two 2-hour computer laboratories per fortnight.

*Assessment:* one 2-hour examination (70%) and fortnightly computer-based assignments (30%).

### **PARTIAL DIFFERENTIAL EQUATIONS (10 CPs. Sem. II. Bu.) MAT22APD**

This subject concentrates on three fundamental partial differential equations in applied mathematics, the wave equation (used, for example, to describe sound waves and vibrations of a stretched string), the heat equation (which describes heat flow in a conductor) and Laplace's equation (which is used in electrostatics, for example). A technique is used which reduces a partial differential equation to several ordinary differential equations. Along the way we extend some of the ideas developed in Mathematics 12CLA (to be able to handle boundary value problems and second-order ordinary differential equations with variable coefficients) and Mathematics 21LA (finding the Fourier expansion of a function).

*Prerequisites:* MAT21LA or MAT21ELA and MAT21AVC.

*Class requirements:* three lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **VECTOR CALCULUS (10 CPs. Sem. I. Bu.) MAT21AVC**

Many quantities in the physical world can be represented by smoothly varying functions of position. This subject develops, with a computational flavour, the differential and integral calculus of scalar and vector fields. These ideas are used to formulate important physical concepts, such as rates of change in a given direction, flux of a vector field through a surface, mechanical work and the local rate of expansion and rate of rotation of a fluid. In another part of the subject, Laplace transforms are introduced as a technique for solving constant coefficient ordinary differential equations with discontinuous forcing terms.

*Co-requisite:* MAT21LA or MAT21ELA.

*Class requirements:* three lectures, two practice classes and one tutorial per fortnight.

*Assessment:* one 2-hour examination (90%) and fortnightly assignments (10%).

### **Microbiology**

#### **INTRODUCTORY MICROBIOLOGY (20 CPs. Sem. I. Bu.) MIC21IM Dr John May**

Subjects topics include introduction to microbiology, microbial

physiology and phylogeny and diversity of the microbial world.

**Prerequisite:** BIO11OF.

**Quota:** 176. Enrolment will be based on academic performance during first year.

**Class requirements:** three lectures and one 3-hour practical period a week. Students are required to wear laboratory coats and shoes in teaching laboratories.

**Assessment:** one written examination (70%), one practical examination (10%), six practical reports (15%) and a 750-word essay (5%).

**Prescribed reading:**

Madigan, M. T. Martinko, J. M. and Parker, J. Brock: *biology of micro-organisms*, 8<sup>th</sup> edn, Prentice Hall 1997.

**MEDICAL MICROBIOLOGY (20 CPs. Sem. II. Bu.) MIC22MM Dr John May**  
Subject topics include medical microbiology, virology, immunology and epidemiology and microbial genetics.

**Prerequisite:** Satisfactory performance in MIC21IM, except for Bachelor of Science (Medical Science) or Bachelor of Science (Nutrition) students who have passed BIO11OF and have completed at least 90 first year credit points.

**Quota:** 176. Enrolment will be based on academic performance during first year.

**Class requirements:** three lectures and one 3-hour practical period a week. Students are required to wear laboratory coats and shoes in teaching laboratories.

**Assessment:** one written examination (70%), one practical examination (10%), six practical reports (15%) and a 750-word essay (5%).

**Prescribed reading:**

Madigan, M. T., Martinko, J. M. and Parker, J. Brock: *Biology of micro-organisms*, 8<sup>th</sup> edn, Prentice Hall 1997 or

Prescott, L., Harley, J. and Klein, D. A. *Microbiology*, 4<sup>th</sup> edn. William C. Brown 1998.

## Physics

**ASTRONOMY DECODED - A BEGINNER'S GUIDE TO ASTROPHYSICS (5 CPs. Sem. I. Bu.) PHY21ASB Dr Ron Miller**

*This subject may also be taken at third year level, refer to PHY31ASB.*

Whereas astronomy is the general study of the observable universe, astrophysics probes even deeper in order to make sense of astronomical observations by modelling the evolution and underlying dynamic processes taking place in such diverse objects as planetary systems, stars, supernovas, neutron stars, black holes and galaxies. This course forms an introduction to astrophysics, drawing on many examples of the latest discoveries and theories concerning our own solar system and the stars and nebulae within the Milky Way galaxy. It assumes a basic level of physics and mathematics, but no previous knowledge of astronomy. Laboratory work includes realistic, computer-based simulations of telescope observations.

**Prerequisite:** first year mathematics and one of PHY10SCI or Units 3 & 4, VCE Physics.

**Class requirements:** one 1-hour lecture and a variety of practical sessions averaging one-hour per week.

**Assessment:** one 3-hour examination (70%), laboratory (20%) and assignments (10%).

**Recommended reading:**

Carroll, B. W. and Ostlie, D. A. *An introduction to modern astrophysics*, Addison-Wesley 1996.

Zeilik, M. and Gregory, S. A. *Introductory astronomy and astrophysics*, 4<sup>th</sup> edn., Saunders BHJ 1998.

**ENGINEERING MECHANICS (10 CPs Sem. I & II. Bu.) PHY20MEC Dr Paul Pigram**

This subject comprises lecture components focusing on the areas of statics and dynamics plus a laboratory component. This subject uses mechanics as a vehicle for teaching engineering problem solving techniques. A selection of topics is covered including, operations with forces, resultants and equilibrium of force systems, friction, Newtonian mechanics with applications to linear and rotational motion, work and energy, conservative and non-conservative systems, rotating machines and vibration applications.

**Prerequisite:** PHY11ENG.

**Class requirements:** one lecture per week, three tutorials per semester and four hours of laboratory (similar to PHY20ENG) per week for six weeks.

**Assessment:** continuous assessment of assignments and lab. work, a 1.5-hour exam. at the end of each semester (70%), assignments (10%), laboratory work (20%). Students must pass the examinations and laboratory component to gain a pass in this subject.

**Prescribed reading:**

Beer, F. P. and Johnston, E. R. *Vector mechanics for engineers: dynamics*, 3<sup>rd</sup> SI Metric Edition, Mc Graw Hill 1999.

Beer, F. P. and Johnston, E. R. *Vector mechanics for engineers: Statics*, 3<sup>rd</sup> SI Metric Edition, Mc Graw Hill 1999.

**ENGINEERING PHYSICS (10 CPs. Sem. I & II. Bu.) PHY20ENG Dr Paul Pigram**

*Only available to students enrolled in engineering degrees.*

This subject comprises two lecture components: modern materials and electromagnetic theory, plus a laboratory component.

**Incompatible subject:** PHY20SCI.

**Prerequisite:** PHY11ENG.

**Class requirements:** one lecture per week, three tutorials per semester and four hours of laboratory (similar to PHY20MEC) per week for six weeks.

**Assessment:** Continuous assessment of assignments and lab. work, a 1.5-hour exam. at the end of each semester (70%), assignments (10%), laboratory work (20%). Students must pass the examinations and laboratory component to gain a pass in this subject.

**Prescribed reading:**

Sadiku, M. N. O. *Elements of electromagnetics*, Saunders College Publishing 1994.

van Vlack, L. J. *Elements of materials science and engineering*, Addison-Wesley 1989.

**LOOKING BACK IN TIME - INTRODUCTORY EXTRA-GALACTIC ASTRONOMY AND COSMOLOGY (5 CPs. Sem. II. Bu.) PHY22ASC Dr Ron Miller**

*This subject may also be taken at third year level refer to PHY32ASC.*

Because of the finite speed of light, when we observe other distant galaxies and exotic objects such as quasars, we are seeing them as they were long ago. This course starts by discussing the astrophysics of normal galaxies and the likely presence of massive black holes in the nuclei of the most active and distant galaxies, plus the possible link between galaxy to galaxy interactions and active galactic nuclei. This leads naturally to a discussion of the large-scale structure of the universe and introduction of key ideas in cosmology such as the Hubble recession, the curvature of space-time, the 'Big Bang' and the early evolution of the universe. Laboratory work includes realistic, computer-based simulations of telescope observations.

**Prerequisite:** PHY21ASB.

**Class requirements:** one 1-hour lecture and a variety of practical sessions averaging one-hour per week.

**Assessment:** one 3-hour examination (60%), laboratory and assignments (40%).

**Recommended reading:**

Carroll, B. W. and Ostlie, D. A. *An introduction to modern astrophysics*, Addison-Wesley 1996.

Swilhart, T. L. *Quantitative astronomy*, Prentice Hall 1992.

Phillips, A. C. *The physics of stars*, Wiley 1994.

Zeilik, M. and Gregory S. A. *Introductory astronomy and astrophysics*, 4<sup>th</sup> edn, Saunders BHJ 1998.

Roose, M. *Introduction to cosmology*, Wiley 1994.

**PRINCIPLES OF PHYSICS (40 CPs. Sem. I & II. Bu.) PHY20SCI Dr Paul Pigram**

This subject comprises eight components. The components focus on a number of fundamental areas of physics and specialist areas include materials and surface science and space physics.

By completion students should comprehend the fundamental tenets of the theory of physics as it relates to mechanics, electromagnetism, thermodynamics, optics, quantum mechanics and nuclear physics, have acquired additional experimental skills related to a practical exploration of the topics and have developed problem solving skills and the ability to construct useful mathematical models for physical situations. Components include heat and thermodynamics, quantum mechanics, mechanics, electromagnetic, relativity and modern materials.

In the laboratory component an extensive selection of experiments relate to the components, as well as a selection of specialist experiments.

**Prerequisite:** passes in PHY10SCI and MAT11CFN and MAT12CLA or approval from a Department of Physics adviser of studies.

**Class requirements:** four lectures, one tutorial and four hours of laboratory per week. Each component consists of 13 lectures.

**Assessment:** Continuous assessment of assignments and lab. work, examinations at the end of each semester, laboratory work (20%), examinations and assignments (80%). Students must pass the examinations and laboratory component to gain a pass in the subject.

## Psychological Science

**BEHAVIOURAL NEUROSCIENCES 2 (40 CPs. Sem. I & II. Bu.)**  
**PSY20BN Dr Stephen Kent**

This subject expands on neural systems and processes relevant to comprehensive consideration of a range of normal behaviour and behavioural pathologies, as introduced in PSY 10BN. An emphasis is placed upon the neural bases of unconscious processing. Ten areas will be covered, although not necessarily with equal emphasis: biological clocks, genetic bases of behaviour; homeostatic control of ingestive behaviour; learning and memory; neural bases of language; neuroimmunology; pain mechanisms; psychopharmacology; sleep; visual perception.

**Prerequisite:** PSY 10BN/WPS10BN or any two first year biological science subjects other than BIO12PS.

**Class requirements:** four 1-hour lectures and one 4-hour laboratory class per week.

**Assessment:** six laboratory reports (5% each), one 2,000-word essay (20%) and two 3-hour examinations (25% each).

**BEHAVIOURAL SCIENCE 2A (20 CPs. Sem. I. Be.) BPY211 Dr Bob Jamieson**

*Only available to Bachelor of Behavioural Science students at Bendigo.*

Components include psychobiology and neuroscience, including the biological basis of higher mental processes, neuropsychology, appetitive behaviours and homeostasis, emotion, the development of the nervous system throughout the lifespan and key issues in psychophysiology. In the social psychology component topics considered include social categories and the environment, group processes, conformity, inter-group conflict, crowd theories, prejudice and discrimination, racism, sexism, and the other forms of discrimination. In the social identity component topics include minimal groups, social identity and social cognition, justice theories, conflict resolution, inter-group contact and multiculturalism, inter-group negotiation (mediation, arbitration and conciliation). Other components include environmental issues, life span and cognitive. Increased student participation in practical work, including programming of cognitive science experiments is required.

**Prerequisite:** BPY112.

**Class requirements:** four 1-hour lectures and one 4-hour practical per week.

**Assessment:** two 2-hour examinations (60%) and four practical reports (40%).

**Prescribed reading:**

Argyle, M. & Colman, A.M. (ed.) *Social psychology*. London: Longman 1995.

Bear, M. S. Connors, B. W. and Paradiso, M. A. *Neuroscience: exploring the brain*. Williams & Wilkins: Baltimore, 1996.

Bryant, P. E. and Colman, A.M. (ed.) *Developmental psychology*. London: Longman 1995.

Pervin, L. A. *The science of personality*. New York: Wiley 1998.

**BEHAVIOURAL SCIENCE 2B (20 CPs. Sem. II. Be.) BPY212 Dr Bob Jamieson**

*Only available to Bachelor of Behavioural Science students at Bendigo.*

Components include models of mental health, measurement of psychological phenomena, health psychology and human variability. Individual topics include diagnosis and assessment, overview and evaluation of uses of DSM IV and techniques such as interviewing, observation and testing. Description of major psychological disorders of mood, anxiety, schizophrenia, personality, childhood and substance abuse. Students will have the opportunity to appreciate the relative strengths and weaknesses of qualitative and quantitative approaches to psychological measurement and to develop the skills necessary to develop assessment tools relevant to each of these approaches. Students are encouraged to become familiar with the role of stress in the onset and progression of disease, as well as the psychological processes involved in perceiving symptoms and interacting with the health-care system. There will be particular emphasis on the characteristic ways in which people cope with disaster, disability, chronic illness, death and dying and more.

**Prerequisite:** BPY211.

**Class requirements:** four 1-hour lectures and one 4-hour practical per week.

**Assessment:** two 2-hour examinations (60%) and four practical reports (40%).

**Prescribed reading:**

Anastasi, A. and Urbina, S. *Psychological testing*. 7<sup>th</sup> edn. Prentice-Hall N. J. 1997.

Barlow & Durand *Abnormal psychology*. 2<sup>nd</sup> edn. Nelson ITP 1997.

**BIOETHICS IN PSYCHOLOGY AND HEALTH (20 CPs. Sem. II. Aw.)**

**WPS22BPH Mr Darryl Maybery**

This subject is an introduction to the professional issues in psychol-

ogy and health-care provision. Students critically evaluate the various ethical positions inherent in numerous biomedical technologies and current clinical practices. Issues covered include an exploration of morality, ethics, the law and etiquette and how they guide us when dealing with issues such as euthanasia, abortion, reproductive technologies, animal rights, paternalism and resource allocation. Students are encouraged to explore their personal understandings and to address alternative viewpoints in both group discussions and their journals.

**Prerequisite:** WPS11PYA and WPS12PYB, or WPS11PSA and WPS12PSB or Introduction to Sociology A and B.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 2000-word essay (50%), one seminar presentation (20%) and weekly journals (30%).

**LEARNING MOTIVATION AND COGNITION (15 CPs. Sem. II. Be.)**

**BPY2LMC Dr Graeme Galloway**

*Only available to students enrolled in the Arts degree at the Bendigo Campus. This is not an APS-accredited course of study and completion can not be counted towards membership of the Society, or registered as a psychologist.*

Students are introduced to the phenomena of human cognition. The history of theoretical and experimental investigations of cognition, the current state of the art and the relevance of such studies to the rapidly developing area of cognitive science are dealt with. Students also gain experience in the design and analysis of research in this area. Topics covered include perception and attention, short-term, semantic, and episodic memory, language and thinking, reasoning and problem solving, cognitive development and neuro-cognition.

**Prerequisites:** BPY2LSP, BPY101, BPY102.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial.

**Assessment:** one 1,500-word essay (50%), one 2-hour examination (50%), and a compulsory tutorial presentation.

**Prescribed reading:**

Ashcraft, *Human memory and cognition*, 2<sup>nd</sup> edn. Harper Collins 1994.

**LIFESPAN AND SOCIAL PSYCHOLOGY (15 CPs. Sem. I. Be.)**

**BPY2LSP Ms Sandra Tunley**

*Only available to students enrolled in the Arts degree at Bendigo Campus. This is not an APS-accredited course of study and completion cannot be counted towards membership of the Society, or registration as a psychologist.*

Areas covered are development from infancy to old age, how humans respond when placed in a deprived environment and self-understanding and self-awareness in relation to the physical and social environment. Traditional and contemporary theories of development are addressed, along with critiques of those theories. Also examined are theories as explanations of social behaviour, role, Gestalt, field and psychoanalytic theories. Development of the self and social influences on the self-perception theory. A study is also made of attitude formation, components and functions of attitudes, attitude change and prejudice, communication studies, persuasion studies, conformity, Sherif, Asch and Crutchfield studies, factors affecting conformity, social comparison theory, conformity and conformity obedience in other societies, controversies over Milgram's research and the authoritarian personality. Helping behaviour, processes that undermine field studies, the motivation to help and situation constraints on helping are also examined.

**Prerequisite:** BPY102.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (40%), a tutorial presentation (10%) two 1,500 word essays (50%).

**Prescribed reading:**

Argyle, M. and Colman, A.M. (ed.) *Social psychology*. London: Longman 1995.

Bryant, P. E. and Colman, A.M. (eds) *Developmental psychology*. London: Longman 1995.

**PSYCHOLOGY A (20 CPs. Sem. I Bu., Aw.) PSY21PYA/WPS21PYA (FORMERLY PSY20P) Bu: Assoc Professor Edith Bavin. Aw: Ms Dianne Boxall**

In this subject, students are expected to study, in detail and at a more advanced level, the major content areas of experimental psychology introduced in first year. The aim is to consolidate theoretical knowledge and methodological skills for conducting psychological research. Together with PSY22PYB, this subject forms the second year of the APS-accredited major sequence and covers the following content areas: biological psychology; developmental psychology A; individual differences; and psychological research methods A.

**Prerequisite:** PSY11PYA and PSY12PYB (or WPS11PYA and WPS12PYB).

**Class requirements:** four 1-hour lectures and one 4-hour laboratory class per week.



**Assessment:** one 2,000 word essay (40%), one 1.5-hour multiple-choice examination (50%), laboratory participation (10%).

**PSYCHOLOGY B (20 CPs. Sem. I Bu., Aw.) PSY22PYB/WPS22PYB (FORMERLY PSY20P)** Bu: Assoc Professor Edith Bavin. Aw: Ms Dianne Boxall

In this subject, students are expected to study, in detail and at a more advanced level, the major content areas of experimental psychology introduced in first year. The aim is to consolidate theoretical knowledge and methodological skills for conducting psychological research. Together with PSY22PYB, this subject forms the second year of the APS-accredited major sequence and covers the following content areas: biological psychology; cognition; developmental psychology; individual differences; social psychology; history of psychology; and psychological research methods.

**Prerequisite:** PSY21PYA/WPS21PYA.

**Class requirements:** four 1-hour lectures and one 4-hour laboratory class per week.

**Assessment:** two 1,250-word laboratory reports (45%), one 1.5-hour multiple-choice examination (50%), laboratory participation (5%).

**PSYCHOLOGY STUDIES A (20 CPs. Sem. I. Aw.) WPS21PSA**

Not available to Bachelor of Behavioural Science students. This is not an APS-accredited course of study in psychology and completion can not be counted towards membership of the society, or registration as a psychologist.

Subject not available in 2000.

**PSYCHOLOGY STUDIES B (20 CPs. Sem. II. Aw.) WPS22PSB**

Not available to Bachelor of Behavioural Science students. This is not an APS-accredited course of study in psychology and completion can not be counted towards membership of the society, or registration as a psychologist.

Subject not available in 2000.

**THEORY BUILDING IN PSYCHOLOGY (20 CPs. Sem. I. Aw.)**

**WPS21TBP** Dr Haley Foo

This subject introduces the principles of inquiry, knowledge acquisition, and theory development in the psychological sciences. The philosophical underpinnings of empirical psychology are explored and contrasted with other schools of thought including the psychoanalytic paradigm of Freud and the analytical psychology of Jung. Students also explore the nature of scientific knowledge in selected areas of applied psychology. Topics such as cross-cultural differences (and the issue of cultural relativism), gender differences, models of consciousness, and the competencies and rights of children will be examined.

**Quota:** 30. 15 places reserved for BBS students and the remainder allocated based on academic merit.

**Prerequisite:** WPS11PYA and WPS11PYB, WPS11PSA and WPS12PSB or Introduction to Sociology A and B.

**Class requirements:** one 3-hour seminar per week.

**Assessment:** one 2,000-word essay (50%), one seminar presentation (20%) and weekly journals (30%).

**TOPICS IN PSYCHOLOGY (20 CPs. Sem. I & II. Bu., Aw.) PSY20TOP/ WPS20TOP** Bu: Dr Anthony Love. Aw: Dr Peter Wilson

This subject may also be taken at third-year level, refer to PSY30TOP/ WPS30TOP.

This subject is offered at either second or third year level, for students who wish to complete a double major in psychology and another discipline (e.g. Zoology, Legal Studies) and who wish to fulfil the requirements of the Bachelor of Behavioural Science degree and be eligible, ultimately, for membership of the Australian Psychological Society (APS). The subject allows students who do not wish to enrol in PSY30APP to meet the APS requirement that a minimum of 50% of their combined second and third year work be made up of psychology. The subject consists of selected topics from PSY30APP, such as introduction to counselling and psychotherapy, neuropsychological rehabilitation, applied developmental psychology, applied social and organisational psychology and health psychology and community psychology. Students are required to select lecture topics in consultation with the subject coordinator, who must approve the selections before the commencement of Semester 1.

**Prerequisite:** PSY11PYA and PSY12PYB (or WPS11PYA and WPS12PYB).

**Incompatible subject:** PSY30APP (or WPS30APP).

**Co-requisite:** PSY21PYA and PSY22PYB (or WPS21PYA and PSY22PB).

**Class requirements:** an average of two 1-hour lectures and one 1-hour laboratory class per week.

**Assessment:** two 2-hour semester examinations (25% each) and two 1,500-word case studies (25% each).

## Statistics

**ANALYSES BASED ON LINEAR MODELS (10 CPs. Sem. II. Bu.) STA22LM**

This subject covers the methods that form the basis of applied statistics, one-way analysis of variance and associated F-test, multiple comparison procedures, blocking for better power, two-way analysis of variance, inference on main treatment effects, graphical and formal tests of interaction, Latin squares, estimation of main effects and variances using Minitab software. Other topics include simple linear regression, motivation and derivation of least squares estimates, distribution of and inference on parameter estimates and fitted values, regression diagnostics for regression and error component of model, model transformation, planar regression, polynomial regression, as well as chi-square goodness-of-fit of a specified distribution, chi-square test of independence of two factors and normal scores test.

**Prerequisite:** STA 21AS.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (80%) and assignments (20%).

**Prescribed reading:**

Devore, J. L. *Probability and statistics for engineering and the sciences*, 4<sup>th</sup> edn, Duxbury Press 1995.

**APPLIED STATISTICS (10 CPs. Sem. I. Bu.) STA21AS**

The main objectives are to understand the principles of hypothesis testing, confidence intervals and P-values and their use in presenting and formalising conclusions from study data and to be able to critically examine the adequacy of a model using tests and diagnostics. Topics include exploratory data analysis, basic non-parametric inference, hypothesis testing, statistical significance and scientific significance, inference for the mean, the median, a proportion, two-sample inference and sample surveys. Students become familiar with Minitab software for exploratory data analysis, testing the adequacy of models and carrying out estimation and testing procedures. Applications of all methods are demonstrated on real data sets.

**Prerequisite:** one of STA11LS, STA11SC or STA12SS.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (80%) and assignments (20%).

**Prescribed reading:**

Devore, J. L. *Probability and statistics for engineering and the sciences*, 4<sup>th</sup> edn, Duxbury Press 1995.

**BIostatistics (20 CPs. Sem. II. Bu., Aw.) STA22BS/WST21BS**

This subject gives students practice with the techniques commonly used in biostatistics, such as chi-squared tests, regression methods, one and two-way analysis of variance, bio-assay and factorial experiments. Students learn the principles and practice of randomisation and blocking and their consequences for the analysis of experiments. Extensive experience with a major statistical package is gained, with some materials and lectures provided by biological science staff.

**Prerequisite:** STA11LS, or STA12LS or STA21LS or equivalent.

**Class requirements:** three one-hour lectures, one one-hour problem-solving class and two one-hour computer tutorials per week.

**Assessment:** one three-hour final examination (80%) and assignments (20%).

**DESIGN OF INDUSTRIAL EXPERIMENTS (10 CPs. Sem. II. Bu.) STA22DE**  
Subject not available in 2000.

**ELEMENTARY STATISTICS AND STATISTICAL COMPUTING FOR INDUSTRY (20 CPs. Sem. I. Bu.) STA21SC**

STA 21SC is STA 11SC plus an additional one-hour practice class per week in which students are guided in writing reports on practical problems from industry.

**Prerequisite:** Year-11 mathematics.

**Incompatible subject:** STA11SC.

**Class requirements:** three 1-hour lectures, two 1-hour practice classes and one 1-hour computing tutorial per week.

**Assessment:** one 2-hour examination (40%), two computer-based tests (30%), reports on two projects (20%) and assignments (10%).

**PROBABILITY MODELS AND APPLICATIONS (10 CPs. Sem. I. Bu.) STA21PM**

This subject is a prerequisite for STA 22SI and STA 31PM. Simulations of random samples are used to complement and build intuition for standard probability models used in statistical inference. Topics include random variables, discrete and continuous distributions, expectation and variance, Chebyshev's Inequality and applications, median and percentiles, moment generating functions, discrete and continuous bivariate distributions, covariance and correlation, conditional distributions, independent random variables, distributions of functions of univariate random variables, random samples, distribution of the maximum and



sums of independent random variables, as well as law of large numbers and central limit theorem with applications.

**Prerequisite:** STA12SS, or a C grade in STA11LS or STA11SC, or equivalent.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour final examination (80%) and assignments (20%).

**Prescribed reading:**

Devore, J. L. *Probability and statistics for engineering and the sciences*, 4<sup>th</sup> edn, Duxbury Press 1995.

**STATISTICAL INFERENCE (10 CPs. Sem. II. Bu.) STA22SI**

The main objective of this subject is to introduce and develop the concepts of point and confidence interval estimation of an unknown parameter, method of moments and maximum likelihood estimation, un-biased and consistency of estimators, mean squared error, large sample confidence intervals for means, illustration of the coverage properties of confidence intervals using simulations, choosing the sample size to achieve desired confidence and interval length and confidence intervals for differences of means or ratios of variances from two normal populations.

**Prerequisite:** STA21PM.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour examination (80%) and written assignments (20%).

**Prescribed reading:**

Devore, J. L. *Probability and statistics for engineering and the sciences*, 4<sup>th</sup> edn, Duxbury Press 1995.

**STATISTICS FOR LIFE SCIENCES (20 CPs. Sem. I. Bu.) STA21LS**

This is the same as STA 11LS, with an additional one-hour per week in which students are guided in writing reports on studies they design, conduct and analyse. This subject satisfies the prerequisite for STA22BS.

**Prerequisite:** Year-11 mathematics.

**Incompatible subject:** STA11LS.

**Class requirements:** three 1-hour lectures per week, two 1-hour practice classes and one 1-hour computing tutorial per week.

**Assessment:** one two-hour examination (40%), two computer-based tests (30%), reports on two projects (20%) and assignments (10%).

**Zoology**

**ANIMAL ECOLOGY (10 CPs. Sem. I. Bu.) ZOO21AE Dr Michael Clarke**

This subject is taught over the second half of the first semester and examines ecology at the level of the individual, the population and the community, within an evolutionary framework. Topics include ecological methods, predator-prey and host-parasite interactions, the concepts of niche and habitat, over-exploitation of natural populations, competition and disturbance and processes threatening Australian ecosystems. In addition, during a weekend field course in the first half of the semester, students are introduced to basic field survey methods, methods of population estimation and the analysis of behaviour in animals. The field course is compulsory and a fee is charged. Students will be required to collect, and preserve invertebrates under supervision.

**Quota:** 150. Places are allocated based on academic merit

**Prerequisite:** BIO11AD or BIO11EB (only BIO11AD from 2001)

**Co-requisite:** students enrolled in a BSc (Biological Science) or a BSc(Conservation Biology and Ecology) are required to enrol in both ZOO21AE and ZOO21ENT.

**Class requirements:** three 1-hour lectures per week and one 3-hour practical session per week for the second half of the semester.

**Assessment:** based on performance in field work and the laboratory, two written reports (2,000-words and 2,500-words respectively, total value 40%) and a 1.5-hour examination (60%).

**Prescribed reading:**

Stirling, P. *Ecology theories and applications*, 3<sup>rd</sup> edn, Prentice Hall, 1999.

**ENTOMOLOGY (10 CPs. Sem. I. Bu.) ZOO21ENT Dr Tim New**

This subject is taught over the first half of the first semester. This subject examines insect biology and evolution. Topics include aspects of insect morphology, classification, reproduction, ecology and the importance of insects in agriculture and medicine. The evolution of insects covers their origins and fossil record, the origin of flight, adaptive radiation and the relationships of the insect orders. A wide range of insect groups is examined and each student is expected to make a representative collection of at least 15 different orders of insects. Students will be required to dissect dead insects and to work with living insects under supervision.

**Quota:** 150. Places are allocated based on academic merit

**Prerequisite:** BIO11AD and BIO11OF.

**Co-requisite:** students enrolled in a BSc (Biological Science) or a

BSc(Conservation Biology and Ecology) are required to enrol in both ZOO21AE and ZOO21ENT.

**Class requirements:** three 1-hour lectures per week and one 4-hour practical session per week.

**Assessment:** based on performance in field work and the laboratory, a submitted insect collection (40%) and a 1.5-hour examination (60%).

**Prescribed reading:**

New, T. R. *Introductory entomology for Australian students*, NSW UP 1992, or

Davies, R. G. *Outlines of entomology*, Chapman and Hall 1987.

**VERTEBRATE MORPHOLOGY, EVOLUTION AND COMPARATIVE PHYSIOLOGY (20 CPs. Sem. II. Bu.) ZOO22VMP Professor George Stephenson and Dr Anne Warren.**

Students study comparative morphology and systematics of fish, amphibians, reptiles, birds and mammals; introductory embryology; tissue and cell structure; and comparative physiology. The physiology component examines the way in which animals function and respond to environmental factors, such as oxygen supply, food and energy, temperature and water; mechanisms of animal movement, sensory systems and neural integration. Practical work in morphology involves a study of the bones and some of the soft anatomy and tissues of vertebrates, and will involve some dissection of dead animals, none of which are killed specifically for the dissections. In physiology, students will be required to dissect dead animals or to work with living animals under supervision. The course includes an introduction to animal ethics.

**Prerequisite:** BIO11AD and BIO11OF.

**Quota:** 150. Places are allocated based on academic merit.

**Class requirements:** three 1-hour lectures per week and one 4-hour practical session per week.

**Assessment:** laboratory performance, including assignments, practical reports and a practical examination (30 to 40%) theory examinations at the end of the semester (60 to 70%).

**Prescribed reading:**

Kardong, K. V. *Vertebrates - comparative anatomy, function and evolution*, 2<sup>nd</sup> edn WCB/McGraw-Hill 1998.

Randall, D., Burggren, W. and French, K. *Eckert: animal physiology - mechanisms and adaptations*, 4<sup>th</sup> edn, Freeman 1997.

Schmidt-Nielsen, K. *Animal physiology*, 5<sup>th</sup> edn, Cambridge U, 1997.

**Third-year subjects**

**Agricultural Science**

**AGRICULTURAL PRACTICE (10 CPs. Sem. I & II. Bu.) AGR30AP**

The content of this subject is identical to that of AGR 10AP. See the Index of subjects at the back of the Handbook for the location of the description of that subject.

**ANIMALS AND MANKIND (30 CPs. Sem. II. Bu.) AGR32ANM Dr Mark Sandeman**

This subject considers the principles and problems of topical issues in the management of animal species by humans. Topics under discussion will vary from year to year but may include: the loss of species and genetic diversity; animal welfare; genetic manipulation; population and pest control; animals and diseases. In addition, students will be expected to carry out a research project/work experience programme. This project will be undertaken on or off campus during one or two semester breaks preferably before the second semester of the third year of study. Students will be expected to complete a major report on their findings and experiences.

**Prerequisite:** ZOO31A or equivalent.

**Class requirements:** an average of 3 hours of seminars/lectures/discussions per week plus 21 days of work experience or research project.

**Assessment:** one 3,000 word work experience/project report (50%), performance in seminars (10%) and four 1,500 word assignments (40%).

**ANIMAL NUTRITION (20 CPs. Sem. II. Bu.) AGR32ANN Dr Theresa Frankel**

Nutrient requirements of domestic animals used for production of food and fibre are covered in this subject. Topics included are the interrelationships between dietary requirements and the physiological and biochemical aspects of digestion, absorption and metabolism of monogastric and ruminant animals and birds, the theoretical and practical aspects of the dietary supply of protein and energy to satisfy requirements for growth, pregnancy and the economic production of milk, wool and eggs, the metabolic and functional consequences of under-nutrition, the nutritional requirements for vitamins and minerals and the biochemical and clinical effects of dietary deficiencies or excesses of vitamins and minerals.

**Prerequisite:** AGR21PNU or BCH21PEM or AGR22PDA or an

equivalent subject. CHE11BAS or CHE11GEN and CHE12APL is desirable.

**Class requirements:** four 1-hour lectures and one 6-hour practical per week.

**Assessment:** written assignments, practical reports (25%) and examinations (75%).

#### Prescribed reading:

McDonald, P., Edwards, R. A. and Greenhalgh, J. F. D. *Animal nutrition*, 5<sup>th</sup> edn, Longman 1995.

#### ANIMAL PROTECTION (20 CPs. Sem. I. Bu.) AGR31ANP Dr. Mark Sandeman

This subject considers the principles of microbiology, parasitology, immunology and infection control as they pertain to animal diseases. Major components include introductory microbiology, microbial diversity, basic immunology, parasitology of domestic animals and the control of infection and disease.

**Class requirements:** an average of four hours of lectures and six hours of practical work per week.

**Prerequisite:** BIO11OF or AGR11ANI.

**Incompatible subject:** MIC21IM.

**Assessment:** two 2-hour examinations (80%) a practical examination and practical reports (20%).

#### Recommended reading:

Brock, T. D., Madigan, M. T., Martenko, J. M. and Parker, J. *Biology of micro-organisms*, 7<sup>th</sup> edn, Prentice Hall 1994.

Male, D. *Immunology: an illustrated outline*, 2<sup>nd</sup> edn, Churchill Livingstone 1994.

Kaufmann, J. *Parasitic infections of domestic animals*, Birkhäuser 1996.

#### ECOPHYSIOLOGY OF PLANTS (10 CPs. Sem. I. Bu.) AGR31EPP Dr Chris Bell

This subject looks at the growth and functioning of plants growing in communities, their interactions with each other and with the physical environment. It starts by looking at the carbon economy of plants, how plants gain carbon in photosynthesis and use it in growth and respiration and how these processes depend on light, temperature and the atmosphere. Water is considered next, including the role of stomata in balancing supply from the soil to the demands of the atmosphere. Growth and development also depend on the environment, particularly day length and temperature. Environmental stresses caused by too much or too little water, light or extreme temperatures are also discussed.

**Prerequisite:** PHY12AGR and either AGR21PPN or BOT21DP and either STA11LS or STA12SS. Subject assumes an understanding of basic calculus.

**Class requirements:** two lectures per week, plus seven 1-hour tutorials and six 3-hour practical classes.

**Assessment:** one 2-hour examination (50%), two assignments (20%) and two laboratory reports (30%).

#### Prescribed reading:

Larcher, W. *Physiological plant ecology*, 3<sup>rd</sup> edn, Springer Verlag, 1995.

#### PLANT PESTS AND DISEASES (10 CPs. Sem. I. Bu.) AGR31PPD Dr Peter Sale

This subject provides an introduction to insects and plant diseases and the problems that they cause in agriculture, horticulture and viticulture. The agricultural entomology component covers morphology and taxonomy, life histories, metamorphosis, kinds of insect larvae and pupae, seasonal regulation of development and feeding. The mycology and plant pathology component covers fungal growth and morphology, diversity and taxonomy, life cycles, dissemination, the nature of plant diseases, host-parasite relationships, biotrophic and necrotrophic pathogens and disease resistance and epidemiology. Agricultural case studies are used throughout to illustrate important principles.

**Prerequisite:** AGR12PLA or BIO11OF or BIO12PS.

**Incompatible subject:** ZOO21ABE and BOT31FEB.

**Class requirements:** three lectures per week and eight 3-hour practicals in total.

**Assessment:** one 3-hour examination (70%) and five laboratory reports (30%).

#### Prescribed reading:

New, T. R. *Introductory entomology for Australian students*, NSW University Press, 1992.

Brown, J. F. and Ogle H.

#### SOIL SCIENCE (20 CPs. Sem. II. Bu.) AGR32SS Dr Blair McKenzie

This is an advanced subject in soil science, integrating components of soil physics, soil chemistry and soil biology. Components concentrate on water movement and the mechanical properties of

soils, primary and secondary minerals in soils, processes and reactions of soil constituents and the cycling and transformations of organic matter. Attention is given to soil management, reclamation and remediation.

**Prerequisite:** AGR21SS and any first year physics or mathematics subject.

**Class requirements:** four 1-hour lectures and one 4-hour practical class per week. One 1-day excursion during the semester.

**Assessment:** performance in practical reports and assignments set throughout the semester (approx. 30%) and one 3-hour written examination (approx. 70%).

#### Prescribed reading:

Killham, K. *Soil ecology*, Cambridge University Press, 1994.

Leeper, G. W. and Uren, N.C. *Soil science: and introduction*, 5<sup>th</sup> edn, MUP 1993.

Marshall, T. J., Holmes, J. W. and Rose, C. W. *Soil physics*, 3<sup>rd</sup> edn, Cambridge UP 1996.

#### VITICULTURAL PRACTICE (5 CPs. Sem. I & II. Bu.) AGR30VPR

Subject not available in 2000.

#### VITICULTURAL SCIENCE (20 CPs. Sem. II. Bu.) AGR32VTS Dr Judy Tisdall

Subject not available in 2000.

#### VITICULTURE AND WINE PRODUCTION ISSUES (10 CPs. Sem. I. Bu.)

AGR31VWI Dr Judy Tisdall

Subject not available in 2000.

#### WINE PRODUCTION TECHNOLOGY (20 CPs. Sem. I. Bu.) AGR31WPT

Dr Judy Tisdall

Subject not available in 2000.

### Bioinformatics

#### MOLECULAR STRUCTURE AND MODELLING (10CPs. Sem. II. Bu.)

BIN32MOL

Subject not available in 2000.

#### SEQUENCE AND STRUCTURE ANALYSIS (10CPs. Sem. II. Bu.)

BIN32SEQ Dr Leann Tilley

This subject is available only to students enrolled in the Bachelor of Science/Bachelor of Bioinformatics degree.

The subject provides both theoretical and practical experience in protein and DNA sequence analysis including the searching of protein and nucleic acid databases using homology-based and pattern-based search algorithms, as well as sequence comparisons and alignments and evolutionary analysis. Academic staff from several Departments within the Faculty of Science, Technology and Engineering at La Trobe will prepare additional assignments and tutorials based on aspects of their own research that relate to Bioinformatics.

**Prerequisite:** available only to students enrolled in the BSc/BBioinformatics.

**Class requirements:** four 1-hour lectures and one 2-hour laboratory class per week for five weeks.

**Assessment:** one 2-hour examination (40%), two major assignments (40%) and a series of small assignments (20%).

#### Prescribed reading:

Lodish, H., Baltimore, D., Berk, A. and Zipursky, S. L. *Molecular cell biology*, Matsudaira P. & Darnell 3<sup>rd</sup> edn. Scientific American Books, 1995.

Baxevanis, A. D. and Ouellette, B. F. F. *Bioinformatics. A practical guide to the analysis of genes and proteins*. Wiley Interscience, 1998.

### Biochemistry

#### BIOLOGICAL MACROMOLECULES AND MOLECULAR BIOLOGY (30 CPs. Sem. I. Bu.) BCH31MMB Dr Gideon Polya & Mr Steve Jones

Topics covered are protein structure and function, including purification, sequencing, electrophoretic analysis, crystallisation, 3-D structures, protein folding and molecular chaperones. Enzymology, including enzyme kinetics, effects of pH and temperature, transition states, active site labelling, enzyme inhibition, enzymes in biotechnology, process and industrial enzymes, enzyme modification by genetic engineering and enzymes in extreme environments. In the cell membranes component, students study the structure, dynamics, isolation and visualisation of biological membranes, membrane fluidity and phospholipid asymmetry, organisation of membrane proteins using the human erythrocyte membrane as a model, membrane fusion in receptor-mediated endocytosis and disease processes. The biopolymers component examines application of techniques to the study of the structure and function of biopolymers, small molecule interactions with macromolecules, spectroscopic (fluorescence, ORD and CD), hydrodynamic methods and osmotic pressure effects in biochemistry. DNA structure, topology,

damage and repair, DNA secondary and tertiary structure, dynamics and flexibility, DNA topology and Z-DNA inter-relationships, RNA structure, DNA damage, detection of DNA lesions and DNA repair mechanisms. Students also study gene structure and function, including recombinant DNA technology, purification of mRNA, synthesis of cDNA, construction of cDNA libraries and genomic DNA libraries as well as Molecular cloning of cDNAs and genes, role of restriction enzymes, screening DNA libraries for specific clones, southern and northern blot analysis, the PCR and its application in detection of specific mRNAs and diagnosis and examples of genetic engineering and associated social or environmental responsibilities.

**Prerequisite:** BCH21PEM and BCH22RGE.

**Quota:** 100. The quota will be administered on the basis of marks in prerequisite subjects.

**Class requirements:** four lectures and an average of 10- hours per week of practical work. Students should see Steve Jones before the start of the semester regarding practical class allocations which will be made by the Department.

**Assessment:** written examinations at the end of the semester (70%) and performance in practical work and tutorial sessions (30%).

### **MOLECULAR CELL BIOLOGY (30 CPs. Sem. II. Bu.) BCH32MCB Dr Gideon Polya and Mr Steve Jones**

Topics studied are architecture of eukaryotic cells, including ultrastructure of cells, the cytoskeleton, protein synthesis and targeting, organelle biogenesis, protein glycosylation and secretion, protein folding and degradation, RNA maturation and targeting, molecular mechanisms of cell differentiation and synapse function and neurotransmission. Membrane function is also examined, including energy and signal transduction, energy transduction for solute translocation, electrogenic ion pumps and transmembrane potentials, gated pores, ion gradients and cell excitability, molecular aspects of hormone action, G proteins, second messengers, protein kinases and phosphatases, neurotransmission, motility, vision, cell cycle and growth control. In the cell function component students examine targeting of proteins to sub-cellular locations, organelle biogenesis, the generation of immunological diversity, B-cell and T-cell responses, action of lymphokines, immunochemistry, monoclonal antibody production and utilisation, measurement of biological time, mammalian cell cycle, switch from proliferation to differentiation, molecular basis of cancer and programmed cell death. Students also study plant biotechnology, including production of transgenic plants, fruit ripening and production of insect resistant plants.

**Prerequisite:** BCH21PEM and BCH22RGE.

**Quota:** 100. The quota will be administered on the basis of marks in prerequisite subjects.

**Class requirements:** four lectures per week and an average of 10 hours per week of practical. Students should see Steve Jones before the start of the semester regarding practical class allocations which will be made by the Department.

**Assessment:** end of semester written examinations (70%) and performance in practical work and tutorial sessions (30%).

## **Botany**

### **FIELD AND ENVIRONMENTAL BOTANY (30 CPs. Sem. 1. Bu.)**

#### **BOT31FEB Dr Bill Woelkerling**

The diversity and ecology of marine algae, the ecology of dunes, woodlands and forests, and the diversity and ecology of fungi in natural and managed ecosystems particularly in relation to plant diseases and their biological control. Methods of data collection and analysis will be considered throughout the subject. In the marine botany component, students study the structure and function of marine botanical ecosystems, with special reference to Australian waters and marine flora. This component includes field excursions to undertake detailed studies of intertidal plant communities, including one excursion for up to 10 days at a selected location along the southern Australian coast during the three-week period immediately preceding the first semester. Details are available from the Department of Botany prior to enrolment. The woodland and forest ecology section involves field studies of the ecology of woodlands at La Trobe University and of nearby mountain ash forests, and of the ecology of disturbance and its implications for sustainability. The study of fungi in forests and woodlands comprises the biology and diversity of fungi including mushrooms, mycorrhizae, lichens and eucalypt pathogens. The study of managed ecosystems includes plant domestication, the ecology of agriculture and plantation forestry in relation to pests and pathogens, genetics and ecology of host-parasite specificity, biological control of weeds, pests and pathogens, and integrated pest management.

**Prerequisite:** BOT22ES.

**Class requirements:** four 1-hour lectures per week, field trips and laboratory classes equivalent to two 4-hour practical classes per week. **Assessment:** performance in practical and field reports, assignments set throughout the semester (approx. 40%), written end of semester examinations (approx. 60%).

### **Recommended reading:**

Brown, J.F. and Ogle, H.J. *Plant pathogens and plant diseases*, Rochvale Publications, Armidale, NSW, 1997.

### **ECOLOGY, SYSTEMATICS AND EVOLUTION (30 CPs. Sem. II. Bu.)**

#### **BOT32ESE Dr Trevor Whiffin**

This subject is concerned with advanced aspects of plant ecology and systematics. In the component on plant ecology, students study vegetation dynamics, including primary and secondary succession and cyclic change in plant communities, plant palaeogeography, vegetation changes through geologic time, disjunctions, long distance dispersal versus palaeogeographical interpretations, the relationship between soil parent material, the soil factor and plant distribution, nutrient cycling, description and classification of plant communities, and conservation of vegetation. There is a component on environmental physiology, with special emphasis on salinity and waterlogging, and the salt tolerance of plants. This covers mechanisms of salt tolerance, coastal salt plants and their soil environment, salt marshes and mangroves, waterlogging, flood-sensitive and flood-tolerant species and the adaptation of plants to wetlands. In the component on plant systematics and evolution, students study patterns of variation and evolution in vascular plants, primarily at the population and species level. This includes the study of geographic variation, hybridisation and introgression, the relationships of species, methods of studying variation and evolution in vascular plants, sources of characters, phenetic and cladistic techniques and recent studies of Australian plant groups, showing the contribution of these studies to our knowledge of the origin, evolution and phytogeography of the Australian flora. A component on biodiversity covers its measurement, assessment and conservation. This includes the measurement of biodiversity, especially as regards species numbers, spatial patterns in plant biodiversity, methods for biodiversity assessment and ecological survey, methods for the selection of nature reserves for optimal conservation of biodiversity, the distribution of plant biodiversity in Australia and areas of conservation significance.

**Prerequisite:** BOT22ES.

**Class requirements:** four 1-hour lectures, two 4-hour practical classes per week.

**Assessment:** performance in practical and field reports, assignments set throughout the semester (approx. 25%) and written examinations at the end of the semester (approx. 75%).

### **PLANT BIOTECHNOLOGY (30 CPs. Sem. II. Bu.) BOT32PB Dr**

#### **Charles Pallaghy**

Plant biotechnology, based on cell and molecular biology, has become a central part of the biological revolution. This subject familiarises students with some of the latest developments and specific technologies in these areas, along with their advantages and problems. Advances in the role of assimilatory processes in plant productivity, insect and disease resistance, improvement of digestible protein content in grain and forage crops, responses to hormones and environmental changes and herbicides and herbicide resistance are discussed. A considerable portion of the subject involves working in small groups (two to four students per group) in the research laboratories, supervised by research staff, pursuing an original research project. Students are introduced to the scientific method and some of the formal lectures are replaced by informal discussions. Excursions to biotech. companies are also organised.

**Prerequisite:** any second year subject approved by the Department of Botany.

**Class requirements:** four 1-hour lectures per week and research projects equivalent to two 4-hour practical classes per week.

**Assessment:** one 3-hour end of semester examination which includes a 30-minute question on a laboratory research project (89%) and practical assignments during semester (11%).

## **Chemistry**

### **ADVANCED CHEMISTRY (60 CPs. Sem. I & II. Bu.) CHE30ADV Dr Les Deady**

*For students taking only one subject of chemistry in third year.*

Students are required to take a selection of topics from the following: fuels and energy, inorganic chemistry, chemistry computing, mass spectrometry, NMR spectroscopy, atomic and molecular spectroscopy, separation science, organic synthesis, structure and energetics, molecular

design, heterocyclic chemistry, food chemistry, industrial chemistry and occupational health and safety, instrumental methods of analysis, symmetry and bonding, surface and polymer chemistry.

**Prerequisite:** Two of CHE21FND, CHE22DEV or CHE22RWD.

**Class requirements:** four or five lectures per week, eight hours of laboratory per week and tutorials or seminars as arranged.

**Assessment:** examined either during or at the end of each semester by projects or written papers and continuous assessment of laboratory work throughout the year. Course-work comprises 80%; and the laboratory component 20%.

#### Prescribed reading:

Harris, D.C. *Quantitative chemical analysis*, 5<sup>th</sup> edn, Freeman, 1998.  
Laidler, K. J. and Meiser, J. H. *Physical chemistry*, 2<sup>nd</sup> edn, Houghton Mifflin Company, 1995.

McMurry, J. *Organic chemistry*, 4<sup>th</sup> edn, Brooks Cole, 1996.

Rogers, G. E. *Introduction to Coordination, solid state and descriptive chemistry*, Mc Graw-Hill, 1994.

Shriver, D. F., Atkins, P. W. and Langford, C. H. *Inorganic chemistry*, 2<sup>nd</sup> edn, Oxford U., 1994.

#### ADVANCED ENVIRONMENTAL ANALYTICAL CHEMISTRY (15 CPs.

*Sem. I & II. Bu.) CHE30EAC Dr Les Dedy*

This subject provides students with modern instrumental analytical chemistry techniques which are relevant to problems arising in environmental chemistry. Topics include separation methods, including chromatographic theory, high performance liquid chromatography (HPLC), ion chromatography (IC), super critical fluid chromatography (SFC), capillary zone electrophoresis (CZE), atomic absorption spectroscopy (AAS), inductively coupled plasma spectrometry (ICP), automation in analytical chemistry, chemical sensors and thermal methods of analysis.

**Prerequisite:** completion of second year Environmental Science degree or equivalent.

**Incompatible subject:** CHE30ADV.

**Class requirements:** 26 hours of lectures, one per week and 48 hours of laboratory classes.

**Assessment:** two 2-hour examinations (80%) and laboratory reports (20%).

#### Preliminary reading:

Harris, D.C. *Quantitative chemical analysis*, 4<sup>th</sup> edn, Freeman, 1995.

Rogers, G.E. *Introduction to Coordination, solid state and descriptive chemistry*, Mc Graw-Hill, 1994

#### CHEMISTRY OF LOCAL ATMOSPHERIC POLLUTION (10 CPs. Sem. I.

*Bu.) CHE31LAP Dr John Christie*

In this subject the chemistry associated with atmospheric pollution in urban and industrial situations is examined in detail. Topics include the chemistry involved in damp climate smog, photochemical smog, acid rain, the chemistry of combustion and control and monitoring of emissions to the atmosphere.

**Prerequisite:** ENV22AIR, CHE21FND and CHE22DEV.

**Incompatible subject:** CHE30SPE.

**Class requirements:** two 1-hour lectures or tutorials per week and four 6-hour practical exercises during the semester.

**Assessment:** a two-hour examination (60%), practical reports (20%) and assignments (20%).

#### Prescribed reading:

Wayne, R. P. *Chemistry of atmospheres*, 2<sup>nd</sup> edn. Oxford U 1991.

#### INDUSTRIAL CHEMISTRY AND CLEANER PRODUCTION (10 CPs.

*Sem. II. Bu.) CHE32CLP Dr Jeff Rowe*

This subject will focus on lectures by invited speakers from industry and government, covering such topics as patents, process scale-up, relationship of the EPA to the chemical industry, radiation chemistry, chemistry of the photographic process. These lectures will be supplemented by lectures on some industrial processes, cleaner production and toxicology.

**Prerequisite:** ENV22AIR, CHE21FND and CHE22DEV.

**Class requirements:** twenty 1-hour lectures or tutorials, four 6-hour practical exercises and a half-day plant visit during the semester.

**Assessment:** patent assignment (10%), essay (30%), laboratory reports (20%) and a two-hour examination (40%).

#### SPECIALIST CHEMISTRY (60 CPs. Sem. I & II. Bu.) CHE30SPE Dr

*Les Dedy*

Students are required to take a selection of topics from the following which are not taken for credit in CHE30ADV:

fuels and energy, inorganic chemistry, chemistry computing, mass spectrometry, NMR spectroscopy, atomic and molecular spectroscopy, separation science, organic synthesis, structure and energetics, molecular design, heterocyclic chemistry, food chemistry, industrial chemistry and

occupational health and safety, instrumental methods of analysis, symmetry and bonding, surface and polymer chemistry.

**Prerequisite:** CHE21FND and CHE22DEV. CHE30ADV must be taken prior to, or concurrently with, CHE30SPE.

**Co-requisite:** CHE30ADV.

**Class requirements:** four or five lectures per week, eight hours laboratory per week throughout and tutorials or seminars as arranged.

**Assessment:** examined either during or at the end of each semester by projects or written papers and continuous assessment of laboratory work throughout the year. Course-work comprises 80% and the laboratory component 20%.

#### Prescribed reading:

Harris, D.C. *Quantitative chemical analysis*, 5<sup>th</sup> edn, Freeman, 1998.  
Laidler, K. J. and Meiser, J. H. *Physical chemistry*, 2<sup>nd</sup> edn, Houghton Mifflin Company, 1995.

McMurry, J. *Organic chemistry*, 4<sup>th</sup> edn, Brooks Cole, 1996.

Shriver, D. F., Atkins, P. W. and Langford, C. H. *Inorganic chemistry*, 2<sup>nd</sup> edn, Oxford U 1994.

#### Conservation Biology

##### APPLICATIONS IN CONSERVATION (15 CPs. Sem. I. Bu.) COB31AC

*Professor Ross Crozier*

This subject is studied in conjunction with COB31ELM (*Environmental Law and Management*) (15 credit points) which is offered by the School of Business. Please check the Index of Subjects for the location of the subject.

Quantitative aspects of conservation biology: age-structured populations, metapopulation models, stochastic effects in conservation genetics and conservation ecology, species viability analysis, model construction, parameter estimation, structured populations, principles of reserve selection, restoration ecology, habitat models, quantitative aspects of the distribution and mapping of species richness and species diversity; using GIS in conservation, identifying threats, threat abatement, endangered species management, biological control of invasive species.

**Prerequisite:** COB21IC.

**Co-requisite:** COB31ELM.

**Class requirements:** two 1-hour lectures and one 4-hour practical (or equivalent field work) per week.

**Assessment:** three-practical assignments (10% each) and one 2-hour written examination (70%).

#### Prescribed reading

Burgman, M. A. and Lindenmayer, D. M. *Conservation biology for the Australian environment*, Chipping Norton: Surrey Beatty, 1998.

#### Computer Science & Computer Engineering

Some subjects may not be offered in 2000. Details of availability can be obtained from the Department in December 1999.

##### ADVANCED COMPUTER ARCHITECTURE (10 CPs. Sem. II. Bu.)

**CSE32ACA**

This subject examines microprogrammed control, performance of microprogrammed control, interrupts, pipelining and instruction set complications, multi-cycle operations, super-scalar processors, VLIW approach, protection and examples of virtual memory, improving cache-memory performance, multi-processor cache coherency, classification and topologies of multi-processor systems and evaluation of performance.

**Prerequisite:** CSE22ARC or CSE32ARC.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (70%) and laboratories and assignment (30%).

##### ARTIFICIAL INTELLIGENCE (10 CPs. Sem. II. Bu.) CSE32AI

This subject provides an introduction to Prolog, including facts and rules, databases, goals and queries, arithmetic, lists and list manipulation, problem solving, backtracking and cut and fail. Also examined is unification, Herbrand universes, computational reasoning, including clausal form logic, unification and resolution. Components also cover problem-solving metaphors, such as GPS, generate and test and introduction to natural language processing, such as syntax and semantics, elementary representation and simple parser. There is also an introduction to rule based expert systems, covering architecture and types of inference and uncertain reason. Students also examine the construction of a simple system.

**Prerequisite:** CSE21AI or CSE22AI.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (70%) and one assignment (30%).

### **COMPUTER ARCHITECTURE (10 CPs. Sem. II. Bu.) CSE32ARC**

The content of this subject is identical to that of CSE22ARC; check the Index of subjects for the location of the description of that subject. Students taking CSE32ARC will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking CSE22ARC.

### **DATA COMMUNICATIONS AND NETWORKS (10 CPs. Sem. I. Bu.) CSE31NET**

The content of this subject is identical to that of CSE21NET; check the Index of subjects for the location of the description of that subject. Students taking CSE31NET will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking CSE21NET.

### **DATABASE SYSTEMS (10 CPs. Sem. I. Bu.) CSE31DB**

The content of this subject is identical to that of CSE21DB; check the Index of subjects for the location of the description of that subject. Students taking CSE31DB will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking CSE21DB.

### **EXPERT SYSTEMS (10 CPs. Sem. II. Bu.) CSE32EXP**

Topics include the architecture of an expert system, conventional and blackboard systems by this knowledge representation, inference mechanisms, use of object-oriented paradigm as the basis for knowledge acquisition and representation of uncertainty. Construction of an actual expert system is included, along with components on model reference systems, multiple contexts and truth maintenance systems.

*Prerequisite:* CSE22AI, CSE22ODE or CSE32ODE are recommended.

*Incompatible subject:* CSE42FXP.

*Co-requisite:* CSE32AI.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks of the semester.

*Assessment:* one 1-hour examination (70%), assignment (30%).

### **FOURTH-GENERATION LANGUAGES (10 CPs. Sem. I. Bu.) CSE31FGL**

This subject familiarises students with a class of software development environments often referred to as fourth- generation languages (4GLs). Our study commences by focussing on some of the current problems facing the computer industry and introducing the fourth-generation solution to these problems. A definition of what constitutes a 4GL will be given, as well as a classification of these environments. Consideration as to the effect of 4GLs on the traditional software life-cycle (including its effect on CASE) will be discussed. Some examples of the use of 4GLs are developed, in association with a study of two commonly used 4GLs. A hands-on group-based assignment helps reinforce the methods of system development with 4GLs, in particular, the principles of prototyping.

*Prerequisite/Co-requisite:* CSE21DB or CSE31DB.

*Class requirements:* two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (60%), assignment (30%) and laboratory work (10%).

### **GRAPHICS PROGRAMMING (10 CPs. Sem. II. Bu.) CSE32GRA**

Students study graphics characteristics, aspect ratios, coordinate systems, graphics primitives, windowing and view- porting, 2-D plotting functions, attributes, polylines, design and editing, general curves and splines, 2-D transformations and metagraphics commands. Also studied are the operations on dynamic poly objects, set operations on and clipping of general 2D regions, vector fills, raster algorithms, graphics animation with sprites, interactive graphics game design, designing the user interface, coordinating sound and motion and 3-D rendering multimedia systems.

*Prerequisite or co-requisite:* CSE21ADC, CSE31FGL is recommended.

*Class requirements:* two 1-hour lectures and one 1-hour laboratory class for 10 of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (60%), an assignment (35%) and laboratory work (5%).

### **INPUT/OUTPUT DEVICE INTERFACING (10 CPs. Sem. I. Bu.) CSE31IDI**

This subject examines interrupts and the interrupt interface. Topics include device identification, including polling, vector interrupts, the DMA interface, I/O strategies, such as program- controlled vs. interrupt-driven, bus handshake protocols, including synchronous, asynchronous and semi-synchronous. along with bus arbitration protocols such as daisy chaining, the multibus and I/O buses such as IEEE-488, SCSI and IDE. Also examined is software for I/O control, device drivers, peripheral devices, a detailed study of selected devices (magnetic storage devices, optical storage devices, such as CD- ROMs and worms), CRT display units, keyboards) and I/O

devices from the overall system architecture perspective. Students also study predicting system performance - Amdahl's law, I/O performance measures, designing an I/O system - comparing different options for realising a system with a given set of objectives in terms of cost (total cost, cost/performance).

*Prerequisite:* CSE12SYS, CSE21COR or CSE21DMO, CSE22MAL.

*Class requirements:* two 1-hour lectures and one 2-hour laboratory class for 10 of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (70%) and laboratories and assignment (30%).

### **LANs AND WANS (10 CPs. Sem. II. Bu.) CSE32LAN**

This subject provides a detailed study of the X.25 networking standard and local area networking standards with emphasis on CSMA/CS techniques and IEEE 802 series of standards. It also includes an introduction to the MAN/FDDI and ISDN based networks and local area network performance.

*Prerequisite:* CSE21NET or CSE31NET. CSE12SYS is recommended.

*Class requirements:* two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **MANAGEMENT INFORMATION SYSTEMS (10 CPs. Sem. I. Bu.) CSE31MIS**

Students study classifications of information systems, competitive forces model, distributed database design, intelligent co-operating information systems, distributed artificial intelligence, legacy information systems and migration challenges. Also examined are user interface, graphics, multimedia, hypertext, WCA framework and information system planning.

*Prerequisite or co-requisite:* CSE21ADC. CSE11IS is desirable.

*Incompatible subjects:* CSE41FMI, MIS3.

*Class requirements:* two 1-hour lectures and one 1-hour laboratory class for 10 of the 13 weeks of semester.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **MULTIMEDIA SYSTEMS (10 CPs. Sem. II. Bu.) CSE32MS**

Students study the practice and theory of multimedia systems, including multimedia and Web applications, installing, configuring and maintaining a Web server, writing HTML documents, setting up Web home pages, writing CGI server scripts, HTTP and URL, multimedia programming based on JAVA applets, media, multimedia compression issues and standards, such as JPEG, MPEG, media synchronisation and multimedia communication. Also covered is Quality of Services (QoS), multimedia transport and networking issues and multimedia authoring. Labs and assignments are designed to allow students to gain practical experiences on Web, HTML, CGI and Java software design and implementation.

*Prerequisite:* CSE21ADC and CSE21COR.

*Incompatible subject:* CSE42FMS.

*Class requirements:* two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (70%) an assignment (25%) and laboratory work (5%).

### **NETWORKS AND SYSTEMS SECURITY (10 CPs. Sem. II. Bu.) CSE32NSS**

Students study secret key systems, the role of cryptography in EDP, elementary information theory, redundancy, data-compression, perfect secrecy and data encryption standard (DES). Communication security and file security, public key cryptosystem, RSA cryptosystems, authentication systems, digital signatures and minimum knowledge user identification. Key management and security protocols are also examined.

*Prerequisite:* CSE21NET (or CSE31NET) is recommended.

*Class requirements:* two 1-hour lectures per week and one 1-hour laboratory class per fortnight for 10 of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (70%) and one assignment (30%).

### **NUMERICAL COMPUTATION (10 CPs. Sem. I. Bu.) CSE31NC**

This subject involves a study of Fortran 90 programming, including basic data types, specification statements, control statements, I/O, functions, subroutines and modules and good programming practices in Fortran 90, along with efficiency issues. Computational aspects of numerical computing are also covered, including sources of error in numerical computation, number systems, machine limitations, discretizations, unstable problems and unstable methods. In the computer arithmetic component floating-point number representation, analysis of errors, forward error analysis, truncation errors, multiple-precision arithmetic, overflow and underflow and efficiency is covered. Students also study the development of robust, efficient, portable, general-purpose algorithms for the solution of problems chosen from solution of non-linear equations, solution of systems of linear equations, numerical integration.

The use of mathematical software libraries component covers overview of common libraries, such as NAG, IMSL, SLATEC, S and NETLIB,



while the public domain software: component examines LINPACK, QUADPACK, etc. Examples of problem analysis, program interface, exception handling, use of library routines to solve problems chosen from computer science and applied mathematics are also examined.

**Prerequisite:** CSE12OOP and MAT12CLA.

**Incompatible subject:** MAT31ANC.

**Class requirements:** two 1-hour lectures and one 2-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (60%), two programming assignments (15% each) and laboratory work (10%).

### **OBJECT ORIENTED DATA ENGINEERING (10 CPs. Sem. II. Bu.)**

#### **CSE32ODE**

The content of this subject is identical to that of CSE22ODE; check the Index of subjects for the location of the description of that subject. Students taking CSE32ODE will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking CSE22ODE.

### **OPERATING SYSTEMS (10 CPs. Sem. II. Bu.) CSE32OS**

This subject is concerned with the process model. Inter-process communication, including critical regions and mutual exclusion and process scheduling, file systems, including design service, security and protection, memory management, including swapping, virtual memory, paging and caching, as well as I/O device control, concurrency, synchronisation mechanisms and multi-processor operating systems are also examined.

**Prerequisite:** CSE12SYS and CSE21COR or CSE21DMO. CSE22MAL is recommended.

**Class requirements:** two 1-hour lectures and one 1-hour practice class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (70%) and one assignment (30%).

### **PARALLEL COMPUTING (10 CPs. Sem. II. Bu.) CSE32PAR**

This is an introduction to parallel computing systems covering architectures, networks, operating systems, modelling and software development. Architecture covers the Flynn taxonomy and the design and issues surrounding the major classes of parallel computer. Networks presents an overview of the types of networks used in parallel computers and provides an overview of routing algorithms, while operating systems deals with the issues involved in managing resources in concurrent systems. This includes synchronisation, semaphores and monitors. We discuss important case studies such as the producer/consumer, readers/writers and dining philosophers' problems. Modelling provides an introduction to petri nets for modelling concurrent processes, while software development discusses the different models of software construction, including the shared memory, message passing, data parallel and data flow paradigms. This section also discusses data race conditions and data access interleaving.

**Prerequisite:** CSE21COR or CSE21DMO.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (70%), practical work (30%).

### **PROGRAMMING PROJECT (10 CPs. Sem. II. Bu.) CSE32PRO**

Available only to students in the Graduate Diploma in Computer Science and students in undergraduate degrees for which CSE 30PRJ is not compulsory.

The programming project focuses on developing students skills in software design, implementation, testing and documentation. Students learn to design software for portability and re-use, as well as to take advantage of system utilities and standard libraries. The assignments require students to work in small programming teams and result in the development of a small-scale software system. The project assumes good programming skills in C++ and working knowledge of Windows programming and integrates previously learned skills and knowledge relating to social and ethical issues.

**Prerequisite/co-requisite:** CSE21ADC and CSE31FGL.

**Incompatible subject:** CSE30PRJ.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (50%), assignments (40%) and laboratories (10%).

### **PROTOCOLS, PERFORMANCE AND ROUTING (10 CPs. Sem. I. Bu.) CSE31PPR**

This is an introduction to, routing and inter-networking, client/server network software design based on sockets, analysis of the OSI model in respect to network, transport and session layers with emphasis on specific transport and routing algorithms and analysis and comparison of various protocols considered in both contexts ISO and Internet (TCP/UDP/IP, ARP/RARP, ICMP, RIP, OSPF, EGP, GEP). There is also an introduction to network design and performance evaluation

issues. An assignment demands understanding of C and UNIX on a system-programming level, with some assistance in practical network software design being given during tutorials. The assignment brings together the theory and practical aspects of networking software design based on sockets.

**Prerequisite:** CSE21NET or CSE31NET and CSE12SYS is recommended.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (70%), an assignment (25%) and laboratory work (5%).

### **SOFTWARE ENGINEERING PROJECT (30 CPs. Sem. I & II. Bu.)**

#### **CSE30PRJ**

The software engineering project enables students to experience real-life involvement in the planning and development of a medium sized software project. It utilises a teamwork approach to software engineering and integrates previously learned skills and knowledge relating to social and ethical issues. The subject covers project management, skills development, such as team organisation, co-operation, communication, project planning, milestone presentation and reporting. Implementation includes requirements and functional specifications, analysis and design, testing, documentation and maintenance.

**Prerequisite:** CSE21ADC, CSE21DB or CSE31DB. CSE30PRJ is not available to students doing less than 80 credit points of computer science subjects at third year level.

**Co-requisite:** It is desirable for one member of the team to have CSE31FGL and one member to have done CSE22/32ODE.

**Incompatible subject:** CSE32PRO, MIS3.

**Class requirements:** two 1-hour lectures, one 2-hour laboratory class and one-half-hour meeting per week. Additional visiting lectures, site visits and project supervision sessions are scheduled throughout the year. The project is completed over the whole year, with students working on a major software project as part of a team. Project teams will be finalised by the end of week two of first semester and no new team members can be allocated to a group after this time.

**Assessment:** one 2-hour examination (30%) and one assignment (70%).

### **SOFTWARE SECURITY, RELIABILITY AND TESTING (10 CPs. Sem. II. Bu.) CSE32SRT**

Students study software security and reliability, including transportability, virtual system concepts and implementation and comparison of operating system services, along with system partitioning issues, hierarchies of implementation, test coverage measures, the relationship between test coverage and metrics and software maintenance and modifiability.

**Prerequisite:** CSE21ADC, CSE32OS.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (70%) and one assignment (30%).

### **SOFTWARE TECHNIQUES AND METRICS (10 CPs. Sem. I. Bu.)**

#### **CSE31STM**

Software metrics is the measurement of software structure and quality, history, graph-related program and system metrics. e examine system description techniques, including state transition diagrams as a system description technique, state charts, RMSL, NEC SPD technique and related approaches. Programming techniques and languages, including interpretative and table driven techniques and co-routines are also examined.

**Prerequisite:** CSE21SDT.

**Class requirements:** two 1-hour lectures and one 1-hour laboratory class per week for 10 of the 13 weeks of the semester.

**Assessment:** one 2-hour examination (60%) and two assignments (40%).

### **SYSTEMS AND NETWORK MANAGEMENT (10 CPs. Sem. II. Bu.)**

#### **CSE32SNM**

Available only to students enrolled in Bachelor of Technology (Computer Technology).

This subject is concerned with the installation and configuration of widely used operating systems. Topics include system management, covering boot and shutdown procedures, account creation, system monitoring, software installation, security management, tape backups and recovery, benchmarking and performance tuning for applications. The networking component studies local area networks, Ethernet and serial lines, configuration of standard protocols, routing, network file systems, installation and the administration of network services.

**Prerequisite:** CSE21NET or CSE31NET.

**Class requirements:** one 2-hour laboratory class per week.

**Assessment:** One 1.5-hour practical examination (40%), assignments (35%) and laboratory work (25%).



### **USER INTERFACE ENGINEERING (10 CPs. Sem. I. Bu.) CSE31UIE**

This subject examines human-computer interaction principles, user interface specification and design methodology and cross-platform GUI (graphical user interface) development. The window application architectures for the X Window system, Microsoft Windows and Macintosh are also examined. Various international standards and guidelines for GUI development, such as IBM common user access, Apple Computer human interface guidelines and OSF/Motif are examined, while user interface evaluation and usability testing methods, C++ window programming, Java, GUI Builder and Windows class libraries are also explored.

*Prerequisite:* CSE21ADC and CSE21SDT.

*Incompatible subject:* CSE41FUE.

*Class requirements:* two 1-hour lectures and one 2-hour laboratory class per week.

*Assessment:* one 2-hour examination (70%) and one assignment (30%).

### **WORKLOAD ANALYSIS AND FILE STRUCTURES (10 CPs. Sem. II. Bu.) CSE32WRK**

Students study the design and applications of sequential, indexed sequential and random access files, sorting and merging of large files, the analysis of workload and retrieval, B+ trees, hash tables, hash partitioning techniques, extensions of hashing, bounded disorder files, grid files and K-d trees. Programming and file processing in COBOL is also examined.

*Prerequisite:* CSE21ADC.

*Class requirements:* two 1-hour lectures per week for 10 weeks and one 2-hour laboratory per week for eight of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (70%) and one assignment (30%).

## **Electronic Engineering**

### **ANALOG CIRCUITS AND DEVICES (10 CPs. Sem. I. Bu.) ELE31ACD**

*Mr Paul Junor*

Review of semiconductors and semiconductor junction behaviour. Junction and diffusion capacitances. Breakdown effects. Structure, models for hand calculation, and SPICE models for: diodes, bipolar junction transistors and field effect transistors. Analysis and design of single transistor and compound-transistor amplifier configurations. Current sources and active loads. Power semiconductors: thermal performance and safe operating area. Transistor output stages. Operational amplifier circuit design and application. Feedback amplifiers. Introduction to amplifier stability and compensation.

Introduction to linear power supply design: mains transformers, rectifier and filter circuits, design considerations. Simple voltage and current regulators and protection circuits.

Introduction to active filters: normalised filter specification and scaling, the Sallen/Key circuit, Butterworth and Chebyshev filters, low-pass to high-pass transformations.

Introduction to inherent and external noise: noise in electronic systems, interference and shielding, ground loops, sources of internal noise, spectral and amplitude distributions, noise density, signal-to-noise ratio.

*Prerequisite:* ELE21LIN and ELE22ACI, MAT21AVC, MAT22APD and MAT21ELA.

*Class requirements:* three lectures and an average of one hour practical and/or tutorial work per week.

*Assessment:* one 3-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Gray, P. R. and Meyer, R. *Analysis and design of analog integrated circuits*, 3<sup>rd</sup> edn, Wiley 1993.

Sedra, A.S. and Smith, K. *Microelectronic circuits*, 4<sup>th</sup> edn, OUP 1998.

### **BIOMEDICAL ENGINEERING (10 CPs. Sem. I. Bu.) ELE31BME Dr Jim Cameron**

Students study a selection of the following topics as they apply to the profession of biomedical engineering. Biomedical physiology, including the cell and its function, DNA, protein synthesis, transport across cell membranes, receptor function, functional organisation and chemical composition of the human body. nerve conduction, muscle contraction, neuromuscular transmission, cardiac function and the cardiovascular system, immune mechanisms. haematology, the central nervous system and special senses. Other topics include definitions and medical terminology, origin of biopotentials, Nernst and Goldman equations, electrical safety and equipment for surgery, anaesthesia, intensive care and neonatology.

*Prerequisite:* ELE21LIN and ELE22ACI, MAT21LA or MAT21ELA, MAT21AVC and MAT22APD.

*Co-requisite:* ELE31ACD.

*Class requirements:* three lectures and an average of one hour practical and/or tutorial work per week.

*Assessment:* one 3-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Fox, S.I. *Human physiology*, 5<sup>th</sup> edn, Wm. M. Brown Publishers, 1996.  
Webster, J. G. *Medical instrumentation, application and design*, 3<sup>rd</sup> edn, Wiley, 1998.

### **COMMUNICATION SYSTEMS (10 CPs. Sem. I. Bu.) ELE31COM Dr David Tay**

This subject covers the properties of signals and noise, the Fourier transform, linear systems and lossless transmission, linear and exponential modulation techniques, typical communications systems, such as radio broadcasting, receivers, FM stereo and TV broadcasting. Other topics include pulse code modulation, DPCM and delta modulation, coding formats and transmission systems, digital modulation techniques, such as ASK, PSK, FSK, DPSK, QPSK and QAM. Students also study time division multiplexing, frequency division multiplexing and spread spectrum techniques. An introduction to telecommunication systems is also included.

*Prerequisite:* ELE21LIN and ELE22ACI, MAT21LA or MAT21ELA, MAT21AVC and MAT22APD.

*Class requirements:* two lectures and an average of two hours practical and/or tutorial work per week.

*Assessment:* one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Haykin, S. *An introduction to analog and digital communications*, Wiley 1989.

Couch H. L. W. *Modern communication systems principles and applications*, Prentice Hall 1995.

Blake, R. *Basic electronic communication*, West 1993.

### **CONTROL SYSTEMS (10 CPs. Sem. I. Bu.) ELE31CTL Dr Peter Dower**

This subject is a first course on linear control systems and includes analysis and modelling of physical systems, closed-loop systems analysis and design, root-locus compensation, stability analysis, PID controllers and fuzzy controllers.

*Prerequisite:* ELE21LIN and ELE22ACI, MAT21LA or MAT21ELA, MAT21AVC and MAT22APD.

*Class requirements:* two lectures and an average of two hours practical and/or tutorial work per week.

*Assessment:* one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Dorf, R. C. and Bishop, R. H. *Modern control systems*, 8<sup>th</sup> edn, Addison & Wesley, 1998.

Control systems lecture notes, Department of Electronic Engineering.

### **DESIGN FOR PRODUCTION (10 CPs. Sem. I. Bu.) ELE31DES Dr John Devlin**

*This subject may also be taken at fourth year level, refer to ELE41DES.*

This subject is concerned with the electronic manufacturing processes, including product development, the product development cycle, commercialisation, innovation, marketing, PCB manufacture and assembly, specifications, testing, surface mount technology, automation, just in time (JIT), total quality management (TQM), management of processes, PCB design and CAD tools and the value added manufacturing culture.

*Prerequisite:* ELE31ACD, ELE31CTL, ELE31COM.

*Class requirements:* an average of four contact hours per week which may include site visits.

*Assessment:* seven short tests of equal length and weight in each of the major areas covered. Students must pass six tests and have an average mark over 50% to pass the subject.

### **EMBEDDED PROCESSORS (10 CPs. Sem. I. Bu.) ELE31EMP Mr Duncan Campbell**

This subject is a course on the real-world application of microprocessors to perform task-specific functions. Design architectures include systems based on 8-bit micro-controllers through to 64-bit processors. Topics include RISC/CISC architectures, parallel architectures, hardware design considerations, power management and embedded software considerations.

*Prerequisite:* ELE21DIG and ELE22MIC.

*Class requirements:* two lectures and an average of two hours practical and/or tutorial work per week.

*Assessment:* one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject students must obtain

an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Embedded processors - hardware lecture notes, Department of Electronic Engineering.

**ENGINEERING MANAGEMENT (10 CPs. Sem. I. Bu.) ELE31EMT Dr**

*Jean Armstrong*

This subject comprises professional communication, technical research skills and self directed learning. It introduces and explains the skills of research, report writing and presentation and then applies those skills to investigating an important area of technical application. Self directed learning skills for ongoing professional development are fostered. Students are required to write a research thesis and give a presentation. Professional communication topics include structuring written communication, preparation of technical reports and job applications, research skills, oral communication, oral presentation of technical papers, rostrum techniques and visual aids.

*Prerequisite:* ELE22EMT.

*Incompatible subject:* ELE31EMC.

*Class requirements:* two lectures and two hours tutorials, supervised or monitored learning per week.

*Assessment:* presentations in seminars and assignments (30%), technical research and a demonstrated understanding of the knowledge presented in the thesis (70%).

**ENGINEERING MANAGEMENT C (5 CPs. Sem. I. Bu.) ELE31EMC Dr**

*Jean Armstrong*

This subject introduces and explains the skills of research, report writing and presentation. Topics include written communication structuring and preparation of technical reports and job applications, research skills, oral communication, oral presentation of technical papers and reports, rostrum techniques and visual aids.

*Prerequisite:* ELE22EMT.

*Incompatible subject:* ELE31EMT.

*Class requirements:* two lectures per week.

*Assessment:* written assignments (60%) and oral presentation (40%).

**MARKETING FOR ENGINEERS AND LEADERSHIP (5 CPs. Sem. I. Bu.)**

**ELE31MEL Mr Graeme Rathbone**

Components include marketing for engineers, covering marketing concepts, market research and competitive environment, product strategies and distribution, the product development cycle, strategic and functional marketing and customer responsiveness. In the leadership, people and teams component individual and group behaviour in organisations, motivation, leadership, morale and team performance are all examined, as too is organisational culture, group dynamics, conflict and its resolution.

*Prerequisite:* ELE22EMT.

*Class requirements:* two 1-hour lectures per week.

*Assessment:* measured performance on team assignment (30%), one 1-hour examination (30%), individually researched and written assignments (30%) and tutorial performance (10%).

**Prescribed reading:**

Zikmoud, W. G. and D'Amico, M. *Marketing*, 4<sup>th</sup> edn, West Publishing, 1993.

Schermerhorn, J., *Management for productivity*, 4<sup>th</sup> edn, Wiley, 1993.

**BIOMEDICAL ENGINEERING PROJECT (10 CPs. Sem. II. Bu.)**

**ELE32BMP Mr Paul Junor**

A design project in the field of Biomedical Engineering will be undertaken. In this subject students will apply their theoretical, practical, project management and design skills to produce a tangible outcome. Formal lectures on project planning will be included.

*Prerequisite:* ELE31BME, ELE31ACD, ELE22CDP.

*Co-requisite:* ELE32INS.

*Class requirements:* four hours per week.

*Assessment:* seminar (10%), practical project work (50%) and reports (40%).

**Prescribed reading:**

Fowler, K. R. *Electronic instrument design*, OUP 1996.

Haynes, M.E. *Project management*, 2<sup>nd</sup> edn, Crisp Publications Inc. 1997.

**COMMUNICATION ENGINEERING PROJECT (10 CPs. Sem. II. Bu.)**

**ELE32CMP Dr Peter Dower**

This is a design project in the field of communication engineering undertaken under the supervision of a member of staff. In this subject students will apply their theoretical, practical, project management and design skills to produce a tangible outcome. Formal lectures on project planning are included. By completion students will be expected to have a sound understanding of the project design process in their field of specialisation.

*Prerequisite:* ELE31COM, ELE31ACD, ELE22CDP.

*Co-requisite:* ELE32TEL.

*Class requirements:* four hours per week.

*Assessment:* seminar (10%), practical project work (50%) and reports (40%).

**Prescribed reading:**

Haynes, M.E. *Project management*, 2<sup>nd</sup> edn, Crisp Publications Inc. 1997.

**DIGITAL SIGNAL PROCESSING (10 CPs. Sem. II. Bu.) ELE32DSP Dr**

*Guang Deng*

This subject examines Fourier analysis, analog-to-digital and digital-to-analog conversion, the z-transform, LTI systems, convolution, filter types, frequency transforms, recursive filter design, non-recursive filter design and filtering in the frequency domain, applications digital signal processing.

*Prerequisite:* ELE21DIG, ELE21LIN, ELE22MIC and ELE22ACI, MAT21LA or MAT21ELA, MAT21AVC and MAT22APD.

*Class requirements:* two lectures and an average of two hours practical and/or tutorial work per week.

*Assessment:* one two-hour examination (70%), practical work (20%) and assignments (10%). In order to pass this subject students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

McClellan, J. H., Schafer, R. W. and Yoder, M. A. *DSP FIRST. A multimedia approach*. Prentice-Hall 1998. Oppenheim, A. V. and Schafer, R. W. *Discrete time signal processing*, Prentice Hall 1989. Proakis, J. and Manolakis, D. G. *Digital signal processing*, Prentice Hall 1996.

**ELECTRONIC DESIGN AUTOMATION-TOOLS AND TECHNIQUES (10**

**CPs. Sem. II. Bu.) ELE32EDA Mr Jim Whittington**

The increasing complexity of digital systems has led to development of modern methodologies in digital design, simulation and production. Collectively known as electronic design automation (EDA), key elements include graphics-based design entry and verification, hardware description languages (HDLs), complex programmable logic devices (CPLDs), field programmable gate arrays (FPGAs) and application specific integrated circuits (ASICs).

This subject introduces the concept of EDA, with an emphasis on the computer aided design tools which support the process. Using CAD tools, digital systems can be described as a hierarchical structure of block diagrams, state machines, flow charts, truth tables and HDL code. Designs can be extensively simulated to check their integrity and finally compiled and synthesised in hardware.

*Prerequisite:* ELE21DIG. ELE22CDP is also recommended.

*Class requirements:* one 1-hour lecture and one 3-hour practical class per week.

*Assessment:* one 3-hour practical examination (40%) design project (40%), and assignments and laboratory work (20%). In order to pass students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Skahill, K. *VHDL for programmable logic*, Addison-Wesley, 1996.

Roth, C. H. *Digital systems design using VHDL*, PWS Publishing, 1998.

**ELECTRONIC SYSTEMS ENGINEERING PROJECT (10 CPs. Sem. II.**

**Bu.) ELE32ESP Dr Peter Dower**

A design project in the field of electronic systems engineering is undertaken under the supervision of a member of staff. Students apply their theoretical, practical, project management and design skills to produce a tangible outcome. Formal lectures on project planning are included. By the completion students are expected to have a sound understanding of the project design process in their field of specialisation.

*Prerequisite:* ELE31EMP, ELE31CTL, ELE31ACD, ELE22CDP.

*Class requirements:* four hours per week.

*Assessment:* seminar (10%), practical project work (50%) and reports (40%).

**Prescribed reading:**

Haynes, M.E. *Project management*, 2<sup>nd</sup> edn, Crisp Publications Inc. 1997.

**ELECTRONICS TECHNOLOGY PROJECT (30 CPs. Sem. II. Bu.)**

**ELE32ETP Mr Graeme Rathbone**

This subject requires students to apply their theoretical, practical, project management and design skills to produce a tangible outcome. The project will be approved and supervised by a member of staff. Formal lectures on project planning are included. By completion students are expected to have a sound understanding of project planning, including benefits of proper planning, tools for project planning, measuring performance, time-lines, project audits, teamwork, selecting and sourcing components, reporting and appropriate documentation.

**Prerequisite:** ELE31DES, ELE31CTL, ELE31COM, ELE31ACD, ELE21ESD.

**Co-requisite:** ELE32EDA, ELE32TEL.

**Class requirements:** 10 hours per week.

**Assessment:** seminar (10%), practical project work (50%) and reports (40%).

**Prescribed reading:**

Haynes, M.E. *Project management*, 2<sup>nd</sup> edn, Crisp Publications Inc. 1997.

**INSTRUMENTATION AND SENSORS (10 CPs. Sem. II. Bu.) ELE32INS**  
*Mr Paul Junor*

The content deals with instrumentation and sensors for biomedical, industrial and scientific applications:

**Definitions:** structure and characteristics of sensors, transducers and actuators; sensor types (radiation, mechanical, thermal, electrical, magnetic and chemical); transducer classifications (modifying, self-generating, modulating); bridge circuits; measurement of flow, pressure, temperature, displacement, strain, motion, etc. and electrodes for biomedical applications.

**Typical transducers:** strain gauges, load cells, semiconductor I.C. pressure and temperature sensors, thermocouples, thermistors, RTD's, Hall effect devices, etc.

**Characteristics of signals and measurements:** measurement errors and noise, simple data processing and analysis.

**Signal conditioning:** instrumentation amplifiers, compensation for interfering and modifying inputs, signal shielding and grounding issues.

**Electrical safety:** macroshock and microshock, medical and industrial (Australian and international) standards for electrical safety.

Isolation techniques for electrical safety and noise attenuation.

**Signal processing:** filtering, linearisation, non-linear function fitting.

**Digital data acquisition:** single and multi-channel A/D conversion systems. Data processing and display. Instrumentation system examples for measurement of industrial processes, scientific data, and physiological parameters.

**Prerequisite:** ELE31ACD.

**Class requirements:** two lectures and an average of two hours practical and/or tutorial work per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Derenzo, S. *Interfacing: a laboratory approach using the microcomputer*, Prentice-Hall 1990.

**OPTICAL ENGINEERING PROJECT (10 CPs. Sem. II. Bu.) ELE32OPP**  
*Dr Peter Dower*

A design project in the field of optical engineering is undertaken under the supervision of a member of staff. Students apply their theoretical, practical, project management and design skills to produce a tangible outcome. Formal lectures on project planning are included. By completion, students are expected to have a sound understanding of the project design process in their field of specialisation.

**Prerequisite:** ELE31COM, ELE31ACD, ELE22CDP.

**Co-requisite:** ELE32RMO, ELE32TEL.

**Class requirements:** four hours per week.

**Assessment:** seminar (10%), practical project work (50%) and reports (40%).

**Prescribed reading:**

Haynes, M.E. *Project management*, 2<sup>nd</sup> edn, Crisp Publications Inc. 1997.

**RF, MICROWAVE AND OPTICAL TRANSMISSION (10 CPs. Sem. II. Bu.) ELE32RMO** *Professor Laurie Cahill*

Topics include transmission line theory, including distributed circuit analysis, properties of transmission lines, the wave equation, the concept of characteristic impedance, skin effect, transient waves and reflections, the zig-zag diagram, time-domain reflectometry, sinusoidal waves on transmission lines, the lossless, distortionless and low-loss line, non-uniform transmission lines, four terminal networks, the Smith chart, standing waves, quarter-wave transformer, single-stub matching networks, and design considerations for high speed digital circuits. Other components include an introduction to electromagnetic transmission, Maxwell's equations, plane waves in homogeneous media, interaction of plane waves with boundaries, reflection and refraction of plane waves, and the propagation of electromagnetic waves in coaxial lines and metallic waveguides. There is also an introduction to optical waveguides, slab waveguides, optical fibre transmission and optical fibre communication systems.

**Prerequisite:** ELE21LIN and ELE22ACI, MAT21ELA or MAT21LA, MAT21AVC and MAT22APD.

**Class requirements:** three lectures and an average of one hour practical and/or tutorial work per week.

**Assessment:** one 3-hour examination (70%), practical work (20%) and assignments (10%).

In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Johnson, *Transmission lines and networks*, McGraw-Hill, 1950.

Senior, J. M. *Optical fiber communications: Principles and Practice*, 2<sup>nd</sup> edn, Prentice Hall, 1992.

**TELECOMMUNICATION DEVICES, CIRCUITS AND SYSTEMS (10 CPs. Sem. II. Bu.) ELE32TEL** *Dr Jean Armstrong*

Recent years have seen a revolution in telecommunications systems. This course describes the developments in device technology which have made this transformation possible and the modern high speed digital telecommunication systems which have resulted.

Devices designed for high speed switching and optical communication applications are studied, as will the material systems and fabrication techniques required for their realisation. Aspects of digital transmission are studied in detail, including digital transmission through noisy channels, modulation, error-correcting and detecting codes, source coding and line coding.

The telephone network is used as a starting point for the study of the structure of a modern digital telecommunication system. Switching, signalling, transmission and control and the integration of these in a telecommunication system are also covered.

**Prerequisite:** ELE31COM.

**Class requirements:** three lectures and an average of one hour practical and/or tutorial work per week.

**Assessment:** one 3-hour examination (70%), practical work (20%) and assignments (10%).

In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

**Environmental Management and Ecology**

**CONSERVATION BIOLOGY AND ENVIRONMENTAL LAW (30 CPs. Sem. II. Aw.) WEM32RMB** *Dr Catherine Meathrel*

This subject aims to provide an understanding of natural resource management within an ecological context, by consideration of the following topics. Conservation biology identification and restoration of threatened ecosystems, management of invading or pest species, design of ecosystem reserves, single species and whole community conservation, managing community change and succession, environmental policy and legislation, the structure of environmental law in Australia and the management of renewable and non-renewable resources.

**Prerequisite:** WEM21TAE and WEM22OEB.

**Class requirements:** four 1-hour lectures and two 4-hour practical classes per week.

**Assessment:** two 2-hour written examinations (60%), one 3,000-word essay (20%) and practical assignments (20%).

**ENVIRONMENTAL ASSESSMENT (30 CPs. Sem. II. Aw.) WEM32WMB**  
*Dr Phil Suter*

This subject aims to provide an understanding of the principles and practices of environmental impact assessment, toxicology, risk assessment and environmental audits. Topics considered include concepts and principles of toxicology, risk analysis, hazard analysis and case studies of industrial risk, environmental audits and impact assessment including policy, legislation and administration at national, state and local level, and case studies of environmental audits and impact assessment studies.

**Prerequisite:** WEM22EPB.

**Class requirements:** four 1-hour lectures and a four-week work placement equivalent to 160 hours in local industry.

**Assessment:** two 2-hour written examinations (60%) and work placement project report (40%).

**SUSTAINABLE RESOURCE MANAGEMENT (30 CPs. Sem. I. Aw.) WEM31RMA** *Dr Catherine Meathrel*

The subject provides an understanding of natural resource management within an ecological context. Three major areas are reviewed including the following topics; water resources descriptive and quantitative hydrology, availability and utilisation of Australia's water resources, planning and technology of water resource development projects, forest and agricultural resources, Australia's native and softwood forest resources and their management, factors influencing agricultural production and sustainable farm management practices.

**Prerequisite:** WST21BS and WEM21TAE.

**Class requirements:** four 1-hour lectures and two 4-hour practical classes per week.

**Assessment:** two 2-hour written examinations (60%), preparation of a technical report (20%) and practical assignments (20%).

### **WASTE MANAGEMENT AND TREATMENT (30 CPs. Sem. I. Aw.)**

**WEM31WMA Dr Percival Thomas**

The aim of this subject is to provide an understanding of the principles and practice of waste management and pollution control relating to waste water, solid wastes, resource and energy recovery. Topics considered include municipal waste water treatment systems, waste water disposal and re-use, design of artificial wetlands for waste water treatment, collection, transport and processing of solid wastes, design and operation of sanitary land-fills, waste material and energy recovery systems, industrial and agricultural waste management, environmental management systems, cleaner production and industrial ecology.

**Prerequisite:** WEM22EPB.

**Class requirements:** four 1-hour lectures and two 4-hour practical classes per week.

**Assessment:** two 2-hour written examinations (60%), practical reports and assignments (40%).

### **Environmental Science**

#### **ENVIRONMENTAL SCIENCE (10 CPs. Sem. I & II. Bu.) ENV30ENV**

**John Riley**

The first semester involves seminars on subjects related to the course. Each seminar will comprise a one hour lecture followed by a discussion. Preliminary reading will be provided and students are expected to be involved in the discussion and to submit a summary paper for each seminar. The second semester involves individual projects in which students investigate an environmental problem and seek a solution. The project is conducted under the supervision of a member of staff and possibly by an external organisation. A final verbal and visual presentation is made at the end of the semester.

**Prerequisite:** second year of the Bachelor of Environmental Science degree or equivalent.

**Class requirements:** six 2-hour seminars or discussions with two hours associated preparation time in first semester. In second semester, thirteen 3-hour research sessions.

**Assessment:** six summary papers in first semester (50%) and a project report and presentation in second semester (50%).

#### **OZONE IN THE STRATOSPHERE (10 CPs. Sem. I. Bu.) ENV31SOZ**

**John Christie**

This subject is concerned with air circulation and chemistry in the stratosphere and the implications of stratospheric processes for the surface environment. Topics include stratospheric circulation, the ozone layer, the odd oxygen concept, formation and destruction mechanisms, hydrogen oxides, nitrogen oxides, chlorine and the other halogens in the stratosphere, global ozone depletion and its consequences, the Antarctic ozone hole, radiation and thermal balance in the stratosphere, emissions of chlorine compounds into the atmosphere, alternatives to CFCs for the refrigeration and other industries and introduction to the chemistry and physics of the upper atmosphere (mesosphere and thermosphere).

**Prerequisite:** ENV22AIR or both CHE22DEV and PHY20SCI.

**Class requirements:** two 1-hour lectures or tutorials per week and four 6-hour practical exercises during the semester.

**Assessment:** one 2-hour examination (60%), practical reports (20%) and assignments (20%).

#### **Prescribed reading:**

Wayne, R. P. *Chemistry of atmospheres*, 2<sup>nd</sup> edn, OUP, 1991.

#### **WATER RESOURCE MANAGEMENT (10 CPs. Sem. I. Bu.)**

**ENV31WRM Dr J. Riley**

This subject deals with water resource management, policies practices and organisational arrangements aimed at the most effective and efficient use of the total water resource, while minimising adverse effects of water use on other natural resources. Topics include the history of water resource development in Australia, current government policy and the basic concepts of water resource management, data requirements, correction and analysis, allocation policies and practices, storage and distribution systems, irrigation, urban and industrial use, water quality, salinity and nutrient management and river and flood plain management.

**Prerequisite:** second year of the Bachelor of Environmental Science degree or equivalent.

**Class requirements:** two 1-hour lectures per week, one 3-hour practical class per fortnight and a one day excursion.

**Assessment:** one 3-hour examination (60%), six practical reports (30%) and an excursion report (10%).

### **Genetics**

#### **ECOLOGY AND CONSERVATION GENETICS (30 CPs. Sem. II. Bu.) GEV32ECG**

This subject comprises components on evolutionary genetics of animals, plant genetics and evolution and conservation genetics. Topics include evolutionary responses to environmental stress, genetics of life history traits and longevity, trade-offs and the maintenance of genetic variation, sexual selection, shifting balance theory and group selection, species and speciation, the evolutionary significance of sex, sociobiology and sex-allocation, selection in natural populations. In the plant genetics and evolution component students also study genetic structure of plant populations, sexual and asexual modes of reproduction, self-incompatibility systems, gene flow within and between populations, spatial and temporal heterogeneity of populations, conservation of plant populations and chromosome variation. The third component includes topics on genetics and fisheries management, the stock concept, genetics and the identification of stocks in harvested species and the genetics of aquaculture, the design of captive breeding programs, inbreeding and the loss of genetic variation in endangered species and isolated populations, hybridisation and conservation, reasons for conservation and phylogeny and conservation.

**Prerequisite:** GEN22ECG or GEN22HUM, (from 2001 GEV22ECG or HUG22HUM). GEN21MGG (from 2001 GEV21MGG) is highly recommended.

**Quota:** 50. Entry determined by results in GEN22ECG (from 2001 GEV22ECG) or GEN22HUM (from 2001 HUG22HUM).

**Class requirements:** four lectures and two practical classes per week.

**Assessment:** practical assignments and an essay (40%), two 2-hour theory papers (60%).

#### **HUMAN GENETICS AND BIOLOGICAL ANTHROPOLOGY (30 CPs. Sem. II. Bu.) HUG32HUM**

The material covered in this subject draws on case studies from the Asian-Pacific region, emphasising Australian Aboriginal people. The subject comprises components on genetic structure of human populations, human evolution, ecology, lifestyle and disease, immunology and immunogenetics and differentiation and development – the immunogenetics of parasite infection, cancer, auto-immunity and ageing. Topics in the first component comprise causes and implications of structure in populations from hunter-gatherers to modern communities, use of vital data in historical genetics, genetic structure and variation revealed through polymorphisms, assessment of population affinities and genetic structure in epidemiological studies. The second component comprises topics on the interpretation of fossil material, molecular evidence of human and non-human primate evolution, ecology of hunter-gatherer societies and the influences of lifestyle and culture on health and disease, while the immunology and immunogenetics component comprises topics on molecular genetics of immune responses – gene structure and rearrangement, polymorphisms and their application in studies of disease susceptibility, forensic science and anthropology.

**Prerequisite:** GEN22ECG (from 2001 GEV22ECG) or, preferably, GEN22HUM (from 2001 HUG22HUM). Other students should consult the subject coordinator.

**Quota:** 40. With entry determined by academic record.

**Class requirements:** four lectures and two practical classes per week.

**Assessment:** practical assignments (at least 30%) and two 2-hour theory papers (up to 70%).

#### **MOLECULAR GENETICS, GENOME ORGANISATION, FUNCTION AND EVOLUTION (30 CPs. Sem. I. Bu.) GEV31MGG**

Students study organisation of the genetic material, including molecular organisation of eukaryotic chromosomes, arrangement of chromosomes in the nucleus and mobile genetic elements in evolution, as well as the human genome and genetic disease, the human genome project, identifying and characterising disease genes, diagnosis and treatment and ethics. There are also components on human sexual differentiation, new reproductive technologies, genomics, bioinformatics, quantitative analysis of gene sequence information, molecular evolution, phylogenetic analysis, genome projects, evolution of DNA sequences, evolution of development, single cells to mammals, genetic addressing and sex determination.

**Prerequisite:** GEN21MGG. GEN22ECG (from 2001 GEV21MGG and GEV22ECG) or GEN22HUM (from 2001 HUG22HUM) are strongly recommended.

**Quota:** 100. Entry determined by results in GEN21MGG (from 2001 GEV21MGG).

**Class requirements:** two 4-hour practicals and four 1-hour lectures per week.

**Assessment:** practical assignments (20-30%) and two 2-hour theory papers (70-80%).

**Prescribed reading:**

Li, W. H. *Molecular evolution*, Sinauer Assoc., 1997.  
Strachan, T. and Read, A. P. *Human molecular genetics*, Bios Scientific, 1995.

**Geology**

**ADVANCED ECONOMIC GEOLOGY (20 CPs. Sem. II. Bu.) GEO32AEG**

*Dr Peter Jackson*

This subject is designed to supplement GEO30EPR by covering the topic of economic geology in greater depth. Petroleum geology and seismic interpretation are discussed in detail, including practical studies of hydrocarbon source rocks and reservoirs. Metalliferous economic geology is studied in terms of ore-forming processes and exploration and mining methods. Practical work involves laboratory study of ore deposits, together with a three-day excursion to study mining geology at several operating mines.

*Prerequisite:* GEO20EMA.

*Co-requisite:* GEO30EPR.

*Class requirements:* three lectures and one 3-hour practical session each week.

*Assessment:* one 3-hour examination (60%), practical reports and excursion assignment (40%).

**Recommended reading:**

Evans, A.M. *Introduction to mineral exploration*, Blackwell 1995.  
Barnes, H. L. *Geochemistry of hydrothermal ore deposits*, Holt, Reinhart and Wilson 1979.  
North, F. K. *Petroleum geology*, Allen & Unwin 1985.

**EARTH PROCESSES (60 CPs. Sem. I & II. Bu.) GEO30EPR** *Dr Peter Fleming*

This subject is designed as a core subject providing essential coverage of advanced topics for a major study in geology. Specific aspects include the origin of igneous rock associations and the application of geochemistry to problems in igneous petrology, interpretation of sedimentary rocks in terms of environment of deposition (facies analysis), relationships between sedimentation and tectonics, the different styles of regional metamorphism and metamorphic mineral reactions, economic geology and the study of ore deposits, an introduction to the microscopic examination of opaque minerals, structural analysis of complexly deformed and metamorphosed rocks and the complementary study of their microstructures, advanced field techniques and geological mapping (students undertake their own individual mapping project), global tectonics and the geological evolution of the Australian continent and the tectonic plate of which it is a part.

*Prerequisite:* GEO20EMA.

*Class requirements:* 10 hours per week (usually four lectures and two three-hour practical periods) and additional fieldwork. Compulsory field work comprises an individual field mapping project, a 10 day field camp at Tungkillio, SA, and three field excursions to localities of interest in Victoria. Transport is provided for the excursions. Dates for field activities will be finalised in February.

*Assessment:* fieldwork is assessed by written reports. Assessments are based on grades for theory (40%), practical examinations and laboratory assignments (40%) and fieldwork (20%). Examinations are held at the end of each semester.

**Prescribed reading:**

Davis, G. H. and Reynolds, S. J. *Structural geology of rocks and regions*, Wiley 1996.  
Guilbert, J.M. and Park, C.F. *The geology of ore deposits*, Freeman 1985.  
Ineson, P. R. *Introduction to practical ore microscopy*, Longman, 1989.  
Reading, H. G. *Sedimentary environments*, Blackwell 1996.  
Yardley, B. W. D. *An introduction to metamorphic petrology*, Longman 1989.

**ENVIRONMENTAL GEOSCIENCE – LANDSCAPE AND CLIMATE CHANGE (10 CPs. Sem. II. Bu.) GEO32EGL** *Dr Chris Gray*

*The content of this subject is identical to that of GEO22EGL; check the Index of subjects for the location of the description of that subject. Students taking GEO32EGL will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking GEO22EGL.*

**ENVIRONMENTAL GEOSCIENCE – REMOTE SENSING AND GIS (10 CPs. Sem. II. Bu.) GEO32EGR** *Dr Ian Buick*

*The content of this subject is identical to that of GEO22EGR; check the Index of subjects for the location of the description of that subject. Students taking GEO32EGR will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking GEO22EGR.*

**ENVIRONMENTAL GEOSCIENCE - WATER AND HAZARDS (20 CPs. Sem. I. Bu.) GEO31EGW** *Dr John Webb*

*The content of this subject is identical to that of GEO21EGW; check the Index of subjects for the location of the description of that subject. Students taking GEO31EGW will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking GEO21EGW.*

**GEOPHYSICS FOR GEOLOGISTS (30 CPs. Sem. I & II. Bu.)**

**GEO30GPH** *Dr Robert Musgrave*

Much of the geology of continental Australia is concealed beneath thick weathering profiles, while much of our petroleum reserves are located off-shore on the continental shelf. Consequently, geophysics plays an important and increasing role in geological exploration and an appreciation of geophysical methods is essential for professional geologists. Geophysics is basic to the present understanding of the geology of the oceans and to modern theories of the Earth's tectonic evolution. This subject provides those majoring in geology with an introduction to the theory and practice of geophysical exploration methods and solid earth geophysics. This subject constitutes a specialist third year subject for those considering professional careers in earth science, or those seeking a more thorough understanding of the subject. The subject includes study of the physical properties of rocks, geodesy and gravity, seismology, geomagnetism, palaeomagnetism and rock magnetism, electrical and electromagnetic exploration methods, radiometrics, heat flow, geophysical well logging and applications of geophysical methods to petroleum and mineral exploration. Theory is supported by practical work, including a field program intended to provide practical experience in using basic geophysical equipment and simple data interpretation.

*Prerequisite:* GEO20EMA; PHY10SCI and/or a first year mathematics subject is recommended.

*Class requirements:* five hours a week and field excursions and field projects.

*Assessment:* end of semester theory examinations (50%) and laboratory exercises, assignments and field exercises assessed by written reports (50%).

**Prescribed reading:**

Kearey, P. and Brooks, M. *An introduction to geophysical exploration*, 2<sup>nd</sup> edn, Elsevier 1986.

**Mathematics**

**ADVANCED CALCULUS (10 CPs. Sem. I. Bu.) MAT31PCA**

A mapping is differentiable at a point if it has a good affine approximation near that point. The derivative of a mapping is then the linear part of the affine approximation to the mapping. Hence geometric insight for linear mappings provides geometrical insight for differentiable mappings. By considering differentiation of maps between normed vector spaces, the subject provides an introduction to the differential calculus for mappings between spaces of higher dimensions. The major theorems covered are modern versions of the chain rule, the inverse map theorem and the implicit function theorem. Component-wise differentiation, partial derivatives and Jacobian matrices are also discussed.

*Prerequisite:* MAT21LA and MAT21PAA.

*Class requirements:* two lectures per week.

*Assessment:* a 2-hour examination (80%) and written assignments (20%).

**ADVANCED VECTOR CALCULUS AND COSMOLOGY (10 CPs. Sem. I. Bu.) MAT31AAC**

A task of modern cosmology is to explain the evolution of the large scale structure of the universe. This subject is concerned with some mathematical aspects of the science and involves considerable extension of second year vector calculus ideas from MAT21LA and MAT21AVC. These advanced vector calculus techniques allow us to look at Einstein's theory of gravity and to develop the mathematical models of an expanding universe which arise from it.

*Prerequisite:* MAT21LA and MAT21AVC.

*Co-requisite:* students taking four or more of MAT31AAC, 32ACM, 31ACZ, 31ADY, 32ALP, 32AMP, 32ANA, 31ANC, 32AQM and 31AWP are advised to take 31ANC.

*Class requirements:* two lectures per week and one practice class a fortnight.

*Assessment:* a 2-hour examination (80%) and written assignments (20%).

**ALGEBRA A (10 CPs. Sem. I. Bu.) MAT31PAA**

*Subject not available in 2000.*

**ALGEBRA B (10 CPs. Sem. I. Bu.) MAT32PAB**

*Subject not available in 2000.*



**APPLIED MATHEMATICS PROJECTS (10 CPs. Sem. II. Bu.) MAT32AMP**

This subject introduces the student to mathematical modelling using some of the important computer-based tools available to the professional applied mathematician. Models in various areas of applied mathematics, such as heat and mass transport, financial mathematics, statistical mechanics and dynamic systems, are considered. The student will complete projects in these topics through integrated usage of Fortran programming for numerical analysis, Maple programming for symbolic computation and graphics, advanced spreadsheet use for data manipulation and a text processing package for mathematical document preparation.

*Prerequisite:* MAT22AM and MAT22APD; MAT31ANC or CSE11IPC and CSE12OOP.

*Class requirements:* one 1-hour lecture and two hours of computer laboratory sessions per week.

*Assessment:* one, 1,500-word literature survey (10%) and three programming projects (30%).

**Prescribed reading:**

Ellis, J. M. R., Phillips, I. R. and Lahey, T. M. *FORTRAN 90 programming*, Addison-Wesley 1994.

Lamport, L. *Latex: a document preparation system* 2<sup>nd</sup> edn, Addison-Wesley 1994.

Heck, A. *Introduction to Maple*, Springer-Verlag 1993.

**CHAOS IN DYNAMICAL SYSTEMS (10 CPs. Sem. II. Bu.) MAT32PCH**

Popular science programs introduce chaos in terms of the 'unpredictable' behaviour of computer models simulating various scientific problems. In this subject, a mathematical description of the main features of chaotic behaviour is given. First, however, the basic ideas of orbit, periodic point and invariant set are introduced. Chaotic behaviour is then given a precise mathematical definition in terms of the existence of a dense orbit, a dense set of periodic points and sensitivity to initial conditions. Examples of dynamical systems having these properties are then studied.

*Prerequisite:* MAT21LA or either MAT21PAA or MAT22PAB.

*Class requirements:* two 1-hour classes per week.

*Assessment:* a 2-hour examination and written assignments.

**CLASSICAL GEOMETRY (10 CPs. Sem. II. Bu.) MAT32PCG**

This is a study of the classical geometry of the triangle and other simplices, making extensive use of vector analysis. Reference points of the triangle which come under study include the centroid, the incentre, the circumcentre, the orthocentre and the nine point centre. Additionally, some modern geometric results concerning the triangle are discussed.

*Prerequisite:* MAT12CLA. Familiarity with MAT21PAA would be an advantage.

*Class requirements:* two lectures per week.

*Assessment:* a 2-hour examination and written assignments.

**COMPLEX ANALYSIS (10 CPs. Sem. I. Bu.) MAT31ACZ**

The theory of functions of a complex variable aims at extending calculus to the complex domain. Both differentiation and integration acquire new depth and significance; at the same time the class of functions becomes radically restricted. Indeed only the analytic functions can be differentiated and integrated. Nonetheless, a study of complex analytic functions opens the way to a wonderful range of applications. We draw our applications from electronics and applied mathematics.

*Prerequisite:* MAT21AVC and MAT22APD; or MAT21PAA.

*Co-requisite:* students taking four or more of MAT31AAC, 32ACM, 31ACZ, 31ADY, 32ALP, 32AMP, 32ANA, 31ANC, 32AQM and 31AWP are advised to take 31ANC.

*Class requirements:* two lectures and one practice class per week.

*Assessment:* a 2-hour examination (85%) and written assignments (15%).

**CONTINUUM MECHANICS (10 CPs. Sem. II. Bu.) MAT32ACM**

*Subject not available in 2000.*

**DISCRETE ALGEBRAIC STRUCTURES (10 CPs. Sem. II. Bu.) MAT32PDS**

This subject is a continuation and expansion of MAT22PDM. Further applications of finite groups to counting problems will be given. Finite fields and their applications will be discussed. The applications of ring theory to the classification of cyclic codes will be presented. Approximately half the subject will be devoted to ordered sets, lattices and Boolean algebras. Applications of lattices to concept analysis and applications of ordered sets to computer science will be discussed.

*Prerequisite:* MAT22PDM.

*Class requirements:* two 1-hour lectures per week.

*Assessment:* a 2-hour examination (90%) and written assignments (10%).

**Prescribed reading:**

Biggs, N. *Discrete Mathematics*, OUP, 1985.

Davey, B. A. and Priestley, H. A. *Introduction to lattices and order*, Cambridge UP, 1990.

**DYNAMICS (10 CPs. Sem. I. Bu.) MAT31ADY**

As compared to MAT22AM, which looks at the Newtonian approach to classical mechanics, this subject concentrates on two other approaches to mechanics – the Lagrangian formulation and the Hamiltonian formulation. These approaches allow the dynamics to be derived from a scalar function (the Lagrangian, respectively the Hamiltonian) and reveal more of the structure and underlying principles which govern the dynamics. Important concepts covered include calculus of variations and least action, symmetries and conservation laws and the use of canonical transformations to simplify the (Hamiltonian) equations of motion. This subject is good preparation for the applied mathematics honours courses on regular and chaotic dynamics.

*Prerequisite:* MAT22AM and MAT22APD.

*Co-requisite:* students taking four or more of MAT31AAC, 32ACM, 31ACZ, 31ADY, 32ALP, 32AMP, 32ANA, 31ANC, 32AQM and 31AWP are advised to take 31ANC.

*Class requirements:* two lectures per week.

*Assessment:* a 2-hour examination (85%) and written assignments (15%).

**GEOMETRIC TOPOLOGY (10 CPs. Sem. II. Bu.) MAT32PGT**

*Subject is not available in 2000.*

**LINEAR PROGRAMMING (10 CPs. Sem. II. Bu.) MAT32ALP**

Linear programming is a relatively new branch of mathematics that involves maximising or minimising a linear function subject to inequality and equality constraints. Such problems have many economic and industrial applications. This subject studies the simplex technique for solving linear programming problems as well as duality theory that relates maximum and corresponding minimum problems. Linear programming software is used extensively throughout the course.

*Prerequisite:* MAT21LA or MAT21ELA.

*Co-requisite:* students taking four or more of MAT31AAC, 32ACM, 31ACZ, 31ADY, 32ALP, 32AMP, 32ANA, 31ANC, 32AQM and 31AWP are advised to take 31ANC.

*Class requirements:* two lectures and a 1-hour laboratory per week.

*Assessment:* a 2-hour examination (80%) and written assignments (20%).

**MATHEMATICS OF WAVE PROPAGATION (10 CPs. Sem. I. Bu.)****MAT31AWP**

*Subject not available in 2000.*

**NATURAL AND REAL NUMBERS (10 CPs. Sem. I. Bu.) MAT31PNR**

This is a course in basic real analysis and includes the construction of the positive reals from the natural numbers. We include a proof that the set we construct does indeed satisfy the least upper bound property. The section of the subject devoted to real analysis includes a proof of the fundamental theorem of calculus and of the major basic results involved in its proof, the mean value theorem and Rolle's theorem, the maximum value theorem, the intermediate value theorem and Bolzano's theorem, the creeping lemma and its uses. We also discuss Taylor's theorem, integration by parts and integration by substitution. The definition of log as an integral and of exp as its inverse function are presented and the major properties of log and exp are proved.

*Prerequisite:* MAT21PAA with MAT22PAB highly desirable.

*Class requirements:* two lectures per week.

*Assessment:* a 2-hour examination and written assignments.

**NUMERICAL ANALYSIS (10 CPs. Sem. II. Bu.) MAT32ANA**

Numerical analysis is concerned with the development and analysis of efficient algorithms for finding appropriate solutions of mathematical problems on the computer. This subject develops numerical methods for solving systems of non-linear equations, differential equations and matrix problems. It provides a more mathematically detailed follow-up to MAT31ANC and students will use their FORTRAN 90 skills from MAT31ANC to complete a number of projects.

*Prerequisites:* MAT21LA, MAT31ANC.

*Co-requisite:* students taking four or more of MAT31AAC, 32ACM, 31ACZ, 31ADY, 32ALP, 32AMP, 32ANA, 31ANC, 32AQM and 31AWP are advised to take 31ANC.

*Class requirements:* two lectures and a 1-hour computer laboratory per week.

*Assessment:* a 2-hour examination (80%) and written assignments (20%).

**Prescribed reading:**

Atkinson, K. E. *An introduction to numerical analysis*, Wiley, 1989.

**NUMERICAL COMPUTATION (10 CPs. Sem. I. Bu.) MAT31ANC**

This subject introduces the concepts and techniques of numerical computation and makes extensive use of the FORTRAN 90 programming language. There are four main parts of the course, FORTRAN 90 programming, computational aspects, numerical



algorithms and use of libraries. Emphasis is on development of numerical software for applied mathematical modelling. No prior knowledge of FORTRAN 90 is assumed.

*Prerequisite:* MAT12CLA, MAT11CFN.

*Incompatible subject:* CSE31NC.

*Class requirements:* two lectures and a 1-hour computer laboratory per week.

*Assessment:* a 2-hour examination (60%), two programming assignments (15% each) and software laboratory work (10%).

#### **Prescribed reading:**

Ellis, J. M. R., Phillips, I. R. and Lahey, T. M. *FORTRAN 90 programming*, Addison-Wesley, 1994.

#### **QUANTUM MECHANICS (10 CPs. Sem. II. Bu.) MAT32AQM**

Quantum mechanics is the most successful description of microphysics we have. It is an intensely mathematical theory and the establishment of quantum mechanics earlier this century was accompanied by momentous developments in mathematics. This is the first subject in quantum mechanics for mathematics students. Linear algebra techniques from MAT21LA are used and extended in developing the Schrödinger picture of quantum mechanics. Energy eigenvalue problems in one, two and three dimensions, including the hydrogen atom, are treated using techniques from MAT21LA and MAT22APD. Mechanics ideas from MAT22AM underpin all the material from this subject.

*Prerequisites:* MAT21LA, MAT22APD and MAT22AM.

*Co-requisite:* students taking four or more of MAT31AAC, 32ACM, 31ACZ, 31ADY, 32ALP, 32AMP, 32ANA, 31ANC, 32AQM and 31AWP are advised to take 31ANC.

*Class requirements:* two lectures per week and one practice class a fortnight.

*Assessment:* a 2-hour examination (85%) and written assignments (15%).

#### **TOPOLOGY (10 CPs. Sem. I. Bu.) MAT31PTO**

Concepts of continuity and limits developed in second year analysis subjects in the context of normed vector spaces and metric spaces can be generalised to a wider class of domains called topological spaces.

Theorems concerning continuity and its relationship to such concepts as connectedness, compactness and completeness can then be developed. These theorems have a wide range of applications in mathematics.

*Co-requisite:* MAT31PNR.

*Class requirements:* two lectures per week.

*Assessment:* a 2-hour examination (70%) and written assignments (30%).

### **Medical Science**

#### **METABOLIC, COGNITIVE AND GENETIC DISORDERS (30 CPs. Sem. I. Bu.) MED31MCG Dr Don Phillips**

This subject consists of components in metabolism and metabolic disorders, neuroscience and cognitive disorders and human genome and genetic disease. The first component examines proteases, proteinase inhibitors and human health, and the role of mitochondria in cell function. The second component covers topics such as human cognitive disorders (e.g. multiple sclerosis, Alzheimer's disease, Parkinson's disease, schizophrenia, etc.) studied in terms of the underlying neurological disturbance. The third component examines the human genome project, identifying and characterising disease genes, diagnosis, treatment and ethics.

*Prerequisite:* 80 credit points at second year of the BSc(Medical Science) course.

*Incompatible subjects:* PSY20BN, GEV31MGG and NUT31ATN.

*Quota:* 40. This subject is available only to students enrolled in the Bachelor of Science (Medical Science) degree.

*Class requirements:* four 1-hour lectures per week and an average of 10 hours of practicals/tutorials/workshops per week.

*Assessment:* one three-hour and one 80 minute end of semester written examination (75%), performance in practicals, tutorials and workshops throughout the semester (25%).

#### **NEUROMUSCULAR DISORDERS, INFECTIOUS DISEASES AND CANCER BIOLOGY (30 CPs. Sem. II. Bu.) MED32NIC Dr Don Phillips**

This subject consists of components in neuromuscular disorders, infectious diseases and cancer biology. The first component examines topics such as normal structure and function of skeletal muscle, disturbances of neuromuscular transmission, surface membrane excitability and excitation-contraction-relaxation cycle, muscular dystrophies, inflammatory myopathies and congenital myopathies. Topics in the second component comprise major human bacterial and viral diseases (characteristics, symptoms and methods of spread), control of infectious diseases (vaccines, antibiotics and new technologies) and emerging infectious diseases. The final component examines the origins of cancer, cell cycle control and cell death, metastasis and angiogenesis, tumour

immunology and molecular pharmacology and therapeutics.

*Prerequisite:* 80 credit points at second year of the BSc(Medical Science) course.

*Quota:* 40. This subject is available only to students enrolled in the Bachelor of Science (Medical Science) degree

*Class requirements:* four 1-hour lectures per week and an average of 10 hours of practicals/tutorials/workshops per week.

*Assessment:* two 2-hour end of semester written examinations (75%), performance in practicals, tutorials and workshops throughout the semester (25%).

### **Microbiology**

#### **ADVANCED MEDICAL MICROBIOLOGY AND MOLECULAR MUTAGENESIS (30 CPs. Sem. I. Bu.) MIC31AMM Dr Roger Schnagl**

This subject comprises components in medical microbiology and pathogenesis, medical and molecular virology, microbial genetics and aspects of food microbiology. The first component includes topics on the normal body flora, oral pathology, respiratory, enteric and sexually-transmitted diseases, mechanisms of pathogenicity, hypersensitivity, identification of disease and nosocomial infections. The virology component includes the biology and replication of animal viruses, viral pathogenicity and the control and treatment of virus diseases. Microbial genetics topics include DNA replication, repair and recombination, regulation of gene expression and bacterial mutagenesis. The final component includes topics on microorganisms causing contamination in food and those used in food production.

*Prerequisites:* MIC21IM and MIC22MM except for Bachelor of Science (Medical Science) students who have passed MIC22MM.

*Quota:* 120. Enrolment will be based on individual academic performance in first and second years, particularly in MIC21IM and MIC22MM.

*Class requirements:* four lectures and three 3-hour practical classes a week.

*Assessment:* practical work and assignments set during the semester (25%) and two-written, end of semester examinations (75%).

#### **ENVIRONMENTAL MICROBIOLOGY, PLASMID BIOLOGY AND MICROBIAL CELL BIOLOGY (30 CPs. Sem. II. Bu.) MIC32EPM Dr Roger Schnagl**

This subject comprises components of environmental microbiology, microbial cell biology and applied plasmid biology. The environmental component examines microbes of different environments-how they live, interact, and can be used to solve environmental problems. The microbial cell biology component deals with how prokaryotes and eukaryotes process information in the DNA (regulation of gene expression) and in extracellular signals (signal transduction). Plasmid biology encompasses the principles and procedures relevant to plasmid detection; characterisation; subunit determination; applications in molecular biology; evolution; and significance to the bacterial host.

*Prerequisite:* MIC21IM and MIC22MM except for Bachelor of Science (Medical Science) students who have passed MIC22MM.

*Quota:* 120. Enrolment will be based on individual academic performance in first and second years, particularly in MIC21IM and MIC22MM.

*Class requirements:* four lectures and three 3-hour practical classes a week.

*Assessment:* practical work and assignments set during the semester (25%) and two written, end of semester examinations (75%).

### **Nutrition**

#### **ADVANCED TOPICS IN NUTRITION (30 CPs. Sem. I. Bu.) NUT31ATN Dr Mick Foley**

Emphasis in this subject is on the interdisciplinary nature of nutrition. The subject is based on prior core offerings in the Bachelor of Science (Nutrition) degree, namely basic sciences, biochemistry, physiology and health sciences. This subject specialises in utilisation of metabolic fuels for different tissues and activities, applied and comparative nutrition, molecular basis of vitamin action, exercise physiology, molecular basis of energy balance, effects of leptin on food intake, pathophysiology of nutrition associated diseases.

*Prerequisite:* at least four of AGR21PNU, BCH21PEM, BCH22RGE, HB21HPA, HB22HPB.

*Incompatible subject:* MED31MCG.

*Class requirements:* four 1-hour lectures and six-hours practical work per week.

*Assessment:* two 2-hour examinations (70%) and continuous assessment of practical work (30%).

#### **COMMUNITY AND CROSS CULTURAL PERSPECTIVES ON HUMAN NUTRITION (30 CPs. Sem. II. Bu.) NUT32CPN Dr Mick Foley**

This is an interdisciplinary subject, based on prior core offerings in the Bachelor of Science (Nutrition) degree, namely basic sciences,

biochemistry, physiology and behavioural sciences. This subject is designed to provide research-informed teaching of community and cultural perspectives on human nutrition. Topics include nutritional anthropology, particularly relating to the nutritional health of indigenous Australians, nutrition and immunity, genetic and environmental aspects of nutrition, eating disorders and public health aspects such as health policy, dietetic issues of concern to indigenous and ethnic communities.

**Prerequisites:** at least four of, AGR21PNU, BCH21PEM, BCH22RGE, HB21HPA, HB22HPB.

**Incompatible subject:** HUG32HUM.

**Class requirements:** four 1-hour lectures and six-hours practical work per week.

**Assessment:** two 2-hour written examinations (70%) and continuous assessment of practical work (30%).

## Physics

### ASTRONOMY DECODED – A BEGINNER'S GUIDE TO ASTROPHYSICS (5 CPs. Sem. I. Bu.) PHY31ASB Dr Ron Miller

The content of this subject is identical to that of PHY21ASB; check the Index of subjects for the location of the description of that subject. Students taking PHY31ASB will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking PHY21ASB.

### GREENHOUSE EFFECT AND CLIMATE CHANGE (10 CPs. Sem. II. Bu.) PHY32GRE Dr Elizabeth Essex

Physical processes involved in the greenhouse effect and climate change are studied and then applied in the contexts of: how do humans change the composition of the atmosphere? How will climate change? What is the impact on terrestrial ecosystems and society? Specific topics include emission of CO<sub>2</sub> and other greenhouse gases into the atmosphere, climate models and empirical studies and international and Australian policies.

**Prerequisite:** ENV22AIR.

**Class requirements:** two lectures and a variety of practical sessions averaging two hours per week.

**Assessment:** one 3-hour examination (60%) and laboratory and assignments (40%).

#### Recommended reading:

Abrahamson, D. E. (ed.) *The challenge of global warming*, Island Press 1989.

Bolin, B. (ed.) *The greenhouse effect, climatic change and ecosystems*. Wiley 1986.

Duplessy, J.C., Pons, A. and Fantechi, R. (eds) *Climate and global change*, NATO 1991.

Thom, N. G. (ed.) *Global change: a research strategy for Australia 1992-1996*. Australian Academy of Science 1992.

### LOOKING BACK IN TIME - INTRODUCTORY EXTRA-GALACTIC ASTRONOMY AND COSMOLOGY (5 CPs. Sem. II. Bu.) PHY32ASC Dr Ron Miller

The content of this subject is identical to that of PHY22ASC; check the Index of subjects for the location of the description of that subject. Students taking PHY22ASC will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking PHY22ASC.

### PRINCIPLES OF PHYSICS (60 CPs. Sem. I & II. Bu.) PHY30SCI Dr Elizabeth Essex

This subject is designed for students wishing to emphasise the study of either Space Science or Surface and Materials Science and is an excellent preparation for honours and postgraduate studies in Physics. Common lecture courses in: statistical mechanics, optics, electromagnetic theory, computational physics, quantum mechanics and solid state physics are complemented by an optional course either in the area of space science or in materials and surface science. An extensive suite of laboratory experiments is a feature of the course. Students are also required to demonstrate and develop their report writing and oral presentation skills.

**Class requirements:** five lectures and six hours of laboratory work per week.

**Assessment:** continuous assessment of lab. work (16.6%), a review essay, on a topic chosen in conjunction with a staff member, before the middle of second semester (8.4%), an end of each semester exam. of the lecture course (70%), assignments on computational physics and interfacing (5%) and an oral presentation during the course (not-assessed).

**Prerequisite:** PHY20SCI and a second year mathematics subject or equivalent.

#### Prescribed reading:

Brehm, J. J. and Mullin, W. J. *Introduction to the structure of matter*, Wiley 1989.

Sadiku, M. N. O. *Elements of electromagnetics*, 2<sup>nd</sup> edn, OUP 1995.

De Vries, P. L. *A first course in computational physics*, Wiley 1994.

Myers, H.P. *Introductory solid state physics*, Taylor and Francis 1990. or

Ashcroft, N. W. and Mermin, N. D. *Solid state physics*, international edn, Holt, Rinehart and Winston 1979.

Pedrotti, F. L. and Pedrotti, L. S. *Introduction to optics*, Prentice Hall 1987.

Ellis, T. M. R., Phillips, I. R. and Lahey, T. M. *FORTRAN 90 programming*, Addison-Wesley 1994.

and either

Mandl, F. *Statistical physics*, J. Wiley & Sons Ltd 1988.

Liboff, R.L. *Introductory quantum mechanics*, Addison-Wesley 1992. or

Park, D. *Introduction to the quantum theory*, McGraw-Hill 1992.

### REMOTE SENSING (10 CPs. Sem. II. Bu.) PHY32REM Professor Peter Dyson

The introduction to the principles of techniques used in remote sensing is appropriate for students who have taken a basic first year physics course. Remote sensing refers to the study of the Earth's surface and atmosphere, particularly (but not exclusively) from satellites. Remote sensing systems can be classified into active and passive devices and into imaging and non-imaging systems. This course discusses the principles of electromagnetic, thermal, atomic and molecular radiation and their application in remote sensing techniques. Laboratory work comprises computer and WWW based applications using data from remote sensing satellites.

**Prerequisite:** PHY11PAA and PHY12PAB or PHY10SCI.

**Class requirements:** two lectures and a variety of practical sessions averaging two hours per week.

**Assessment:** one 3-hour examination (60%) and laboratory and assignments (40%).

#### Recommended reading:

Cracknell, A. P. and Hayes, L. W. B. *Introduction to remote sensing*, Taylor and Francis 1993.

Harrison, B. A. and Jupp, D. L. B. *MicroBRIAN introduction to remotely sensed data*, CSIRO 1989.

Rees, W. G. *Physical principles of remote sensing*, CUP 1990.

Schanda, E. *Physical fundamentals of remote sensing*, Springer-Verlag 1986.

## Psychological Science

### APPLIED PSYCHOLOGY (60 CPs. Sem. I & II. Bu., Aw.) PSY30APP/ WPS30APP Bu: Dr Anthony Love. Aw: Dr Peter Wilson

Only available to students enrolled in PSY 30P or who have previously completed PSY30P. For students who wish to meet APS requirements of at least 50% psychology studies over second and third-years, enrolling in this subject PSY20BN or PSY20TOP/30TOP will be mandatory.

Students are introduced to theory, data and methods in several areas that are basic to professional practice in psychology. The subject is not intended to provide training in techniques or direct practitioner skills. It is designed to serve as an introduction to professional training and is therefore recommended for students who intend to apply for the APS- accredited, postgraduate, professional, psychology program in the School of Psychological Science. The subject includes topics such as introduction to counselling and therapy, health psychology, neuropsychological rehabilitation, community psychology, applied social and organisational psychology and applied developmental psychology. Teaching methods include lectures, seminars and laboratory classes, in which the emphasis is on practical, professional issues, through the preparation of case study assignments.

**Prerequisite/co-requisite:** PSY30P (or WPS30P).

**Incompatible subject:** PSY20TOP/30TOP (or WPS20TOP/ WPS30TOP) PSY31BNA, PSY32BNB.

**Class requirements:** four 1-hour lectures, two hours per fortnight in tutorials and weekly two-hour seminars, often with guest speakers.

**Assessment:** continuous assessment, including two semester examinations (22% each), one 2,500-word essay (20%) and four 1,500-word case-study reports (9% each).

### BEHAVIOURAL NEUROSCIENCE A (30 CPs. Sem. I. Bu.) PSY31BNA Bu: Dr Simon Crowe.

This subject provides advanced training in the issues of contemporary neuroscience. The subject focuses on aspects of the neural mechanisms of brain injury, psychoneuroimmunology, psychopharmacology, and behaviour genetics and other topics in contemporary neuroscience.

**Prerequisites:** PSY10BN or PSY20BN.

**Incompatible subject:** PSY30APP.

**Class requirements:** four 1-hour lectures and eight-hours of laboratory work per week.

**Assessment:** one 3-hour examination (40%) one 2,500 word essay (25%), a research project proposal of 3000 words (35%).

**Preliminary reading:**

Bear, M. F., Connors, B. W., and Paradiso, M. A. *Neuroscience: exploring the brain*. Baltimore: Williams and Wilkins, 1996.

**BEHAVIOURAL NEUROSCIENCE B (30 CPs. Sem. II. Bu.) PSY32BNB**  
*Bu: Dr Simon Crowe.*

This subject provides advanced training in the issues of contemporary neuroscience. The subject focuses on aspects of the neural basis of the developmental, degenerative, neuromuscular and psychiatric disorders, the implications of the neural mechanisms of brain injury for rehabilitation, as well as on the neural mechanisms of conscious and unconscious mental processing and other topics in contemporary neuroscience.

**Prerequisite:** PSY31BNA.

**Incompatible subject:** PSY30APP.

**Class requirements:** four 1-hour lectures and eight-hours of laboratory work per week.

**Assessment:** one 3-hour examination (40%), and a research project final report of 5000 words (60%).

**Preliminary reading:**

Bear, M. F., Connors, B. W. and Paradiso, M. A. *Neuroscience: exploring the brain*. Baltimore: Williams and Wilkins, 1996.

**BEHAVIOURAL SCIENCE 3A (45 CPs. Sem. II. Be) BPY311**

*Only available to students enrolled in the Bachelor of Behavioural Science degree on the Bendigo Campus.*

Components of this unit comprise psychobiology and neuroscience, social psychology, life span and cognitive science. Students study biological aspects of mental disorders, neurophilosophy, psychological influences on the immune system. The individual in a social world, self-concept, self-perception, relationships, family and workplace. Cross-cultural issues in social psychology, developmental themes of personality throughout the life span, social and cognitive development. A focus on in-depth analysis of current literature to do with topical areas related to cognitive science.

**Prerequisite:** BPY212.

**Class requirements:** five 1-hour lectures, one 6-hour practical per week.

**Assessment:** one 2,000-word assignment (20%), two 2-hour examinations (60%) and one 2,000 word research proposal (20%).

**BEHAVIOURAL SCIENCE 3B (45 CPs. Sem. II. Be) BPY312**

*Only available to students enrolled in the Bachelor of Behavioural Science degree on the Bendigo campus.*

Themes studies include models of mental health, measurement of psychological phenomena, human variability and health psychology. Students study the theories of aetiology and methods of treatment that can be applied to disorders studies in the previous year. The study of human variability and personality trait-based theories; psychodynamic, humanistic, and social learning theories; physiologically-based typologies and individual differences. Psychological perspectives on a number of specific health issues such as coronary vascular disease, cancer, motor vehicle accidents, suicide, pain behaviour, addiction and poor diet. Psychological models which purport to describe, explain and predict the health behaviours of individuals, communities and populations.

**Prerequisite:** BPY311.

**Class requirements:** five 1-hour lectures, one 6-hour practical per week.

**Assessment:** one 6,000-word practical report (30%), two 3,000-word assignments (20%) and two 2-hour examinations (50%).

**CLINICAL PSYCHOLOGY (15 CPs. Sem. I.) BPY3CLIN** *Dr Sue Jeavons*  
*Only available to students enrolled in the Arts degree on the Bendigo campus.*

The subject examines the psychoanalytic, behavioural/cognitive and humanistic approaches to treatment, abnormality, diagnosis and assessment, anxiety disorders, phobias and post traumatic stress disorder, mood disorders, personality disorders and substance abuse. There is also a research methods component and tutorials examining applied issues relating to the lecture material.

**Prerequisites:** any two, second-year psychology subjects.

**Class requirements:** two hours of lectures, one hour of tutorial and one hour of practical.

**Assessment:** one report (25%), one essay (25%), one examination (40%) and tutorial presentation (10%).

**Prescribed reading:**

Peterson, C. *The psychology of abnormality*, Harcourt Brace TX, 1996.

**COGNITION (20 CPs. Sem. I & II. Bu.) PSY30COG** *Dr Geoff Cumming*

*Only available to students enrolled in the Bachelor of Science (Cognitive Science).*

This subject is designed as an optional part of the cognitive science

program. It comprises mainly of selected lectures and seminars given as part of PSY30P in the School of Psychological Science. The emphases are on cognitive psychology and on theoretical and methodological approaches in contemporary psychology. Important considerations are the contributions psychology can make to cognitive science and use of computational modelling in psychology.

**Prerequisites:** PSY11PYA and PSY12PYB.

**Incompatible subject:** PSY30P.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.  
**Assessment:** a one-hour end of year examination (20%), a 3,000-word essay (60%) and seminar participation (20%).

**COMMUNITY PSYCHOLOGY (15 CPs. Sem. I.) BPY3COM** *Dr Bob Jamieson*

*Only available to students enrolled in the Arts degree on the Bendigo campus.*

The subject examines community-oriented interventions designed to improve the welfare of members from a psychological perspective. It also identifies characteristics of community-based programs, techniques used to evaluate the effectiveness of community-based interventions and the theories underpinning such interventions.

Topics include, the social psychology of communities, social networks, social support survey research and the definition of community needs, behaviour settings, field theory, general systems theory, ecological theory, social learning and behaviour modification in the community context, skill development, social problem solving and coping with stressful environments.

**Prerequisites:** any two, second-year psychology subjects.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 1-hour practical per week.

**Assessment:** an essay (30%), a report (30%) and an examination (40%).

**Recommended reading:**

Duffy, K. G. and Wong, F. Y. *Community psychology*, Allyn & Bacon, 1995.

**HEALTH PSYCHOLOGY (15 CPs. Sem. I. Be.) BPY3HP** *Ms Sandra Tunley*  
*Only available to students enrolled in the Arts degree on the Bendigo campus.*

Three areas of health psychology are explored. In the first, health promotion, prevention and rehabilitation are addressed, with emphasis on incidence and prevalence of disease. The second area examines the changing health status of the community and the role of behavioural factors in health, while the third area looks at lifestyle issues in the form of smoking, diet, stress, as precipitators of illness and injury. The role of social support as an indicator of wellness and the role of individual difference in determining health outcomes is also addressed.

**Prerequisites:** any two second year psychology subjects.

**Class requirements:** two 1-hour lectures, two 1-hour practical/tutorials per week.

**Assessment:** one three-hour examination (40%) one practical report (30%) one-essay (30%).

**Prescribed reading:**

Sarafino, E. F. *Health psychology: Biopsychosocial interactions*. 3<sup>rd</sup> edn, John Wiley & Sons Inc. NY, 1998.

**PERSPECTIVES ON THE PERSON (15 CPs. Sem. I & II. Be.)**

**BPY3PP** *Dr Bob Jamieson*

*Only available to students enrolled in the Arts degree on the Bendigo campus.*

This subject involves coverage of the history and philosophical foundations of salient theories of personality, analysis of current schools of thought in psychology and their historical antecedents, including the study of individual differences and intelligence and psychological testing (including test administration).

**Prerequisite:** BPY2LSP, BPY2PM and BPY2LMC.

**Class requirements:** one hour of lectures and one hour of tutorial.

**Assessment:** essay (30%), practical (30%), examination (40%) and compulsory seminar presentation.

**Prescribed reading:**

Phares, E. J. and Chaplin, W.F. *Introduction to personality*. 4th edn, Addison-Wesley Educ. NY.

**PSYCHOLOGY (60 CPs. Sem. I & II. Bu., Aw.) PSY30P/WPS30P** *Bu: Dr Michael Platow. Aw: Dr Peter Wilson*

*This is the final subject in the major sequence of psychology. It is part of the sequence accredited by the APS.*

By completion of this subject, students will be able to demonstrate that they have acquired further knowledge, at an advanced level, of both theory and research in a number of key areas in psychology, including psychological assessment, research methods, ethics and professional practice, behavioural neuroscience, social psychology, cognition,

language and neuropsychology. Students will also have developed skills in the analysis of philosophical underpinning of theories in psychology, together with applied psychometric theory in the evaluation of psychological tests and assessment methods. Students should also have integrated and advanced their understanding of scientific research methods by conducting a year-long group research project on a topic related to psychology. In order to achieve the aims, the subject uses a range of teaching methods. One of the lecture series (accompanied by weekly tutorials) deals specifically with philosophical and methodological issues in psychology (PMP). A second lecture series deals with quantitative and qualitative psychological research methods and psychological assessment. Laboratory experiences in psychological research methods and psychological assessment are provided. The other three lecture series are devoted to coverage of topics such as social psychology, neuropsychology and abnormal psychology. The scientific practice component includes contribution to a year-long group research project. Each project group must conceptualise, design, conduct and report on a scientific investigation, under the supervision of an academic staff member. The time required to conduct the project is the equivalent of six hours per week.

**Prerequisite:** PSY20P or WPS20P.

**Class requirements:** five 1-hour lectures, one 1-hour tutorial and six hours of laboratory work per week.

**Assessment:** two 3-hour examinations (17.5% each), one 2,500-word essay (15%), one 2000-word PMP essay (10%), a research project proposal (5%), a research project final report (25%), a psychological assessment assignment (5%), and a psychological research methods assignment (5%).

#### **TOPICS IN PSYCHOLOGY (40 CPs. Sem. I & II.) PSY30TOP/WPS30TOP**

The content of this subject is identical to that of PSY20TOP/WPS20TOP, check the Index of Subjects for the location of the description of that subject. Students taking PSY30TOP/WPS30TOP will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking PSY20TOP/WPS20TOP.

#### **Statistics**

##### **ANALYSES BASED ON LINEAR MODELS (15 CPs. Sem. II. Bu.) STA32LM**

Students use modern statistical computing packages to select variables, identify outliers and make inferences regarding model parameters. In addition, this subject examines multiple linear regression, polynomial regression, logistic regression, ANOVA and analysis of co-variance.

**Prerequisite:** STA31SI and some linear algebra.

**Class requirements:** three 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour final examination (80%) and assignments (20%).

##### **APPLIED STATISTICS (15 CPs. Sem. II. Bu.) STA32AS**

Subject not available in 2000.

##### **APPLIED PROBABILITY FOR COMPUTER SYSTEMS ENGINEERS (10 CPs. Sem. I. Bu.) STA31PE**

Designed for students in the Bachelor of Computer Systems Engineering, but also available to any student who has done STA21PM, or its equivalent.

This subject is an introduction to probability models with application to queues and reliability of computer components, systems and networks.

**Prerequisite:** MAT10EN (from 2001 MAT11EN and MAT12FEN) or STA21PM.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one, 2.5-hour examination (80%) and assignments (20%).

##### **BIOSTATISTICS (15 CPs. Sem. I. Bu.) STA31BS**

Students will learn to design, carry out and analyse experiments in the life sciences and agriculture. Topics selected from: non-parametric methods; multiple regression; analysis of variance and common experimental designs; survival analysis; logistic regression; principal components analysis and factor analysis. Students will become familiar with standard statistical computing packages.

**Prerequisite:** one of STA22LM, STA21AS or STA22BS.

**Incompatible subject:** AGR41EXP.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 1-hour problem solving laboratory session per week.

**Assessment:** one 2-hour final examination (60%) and assignments (40%).

##### **PROBABILITY MODELS AND APPLICATIONS (15 CPs. Sem. I. Bu.) STA31PM**

This subject examines joint and conditional probability distributions, conditional expectations, moment generating functions and their use in deriving moments, distributions of sums of independent random variables and limit distributions, as well as transformations, including derivation of t and F distributions. Distribution of order statistics, including multivariate

normal distribution and weak law of large numbers, including central limit theorem and applications, are also studied, along with binomial and Poisson processes.

**Prerequisite:** STA21PM.

**Class requirements:** three 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour final examination (80%) and assignments (20%).

##### **STATISTICAL INFERENCE (15 CPs. Sem. I. Bu.) STA31SI**

This subject comprises components in estimation, testing hypotheses and Distribution-free methods. Topics in the first component include method of moments and maximum likelihood, reduction by sufficiency and invariance, unbiasedness, consistency, efficiency and robustness. The second component examines size and power of tests, Neyman-Pearson lemma, optimality of tests, the likelihood ratio test and relationship to confidence interval estimation. The final component includes topics on one- and two-sample methods based on signs and ranks and permutation tests.

**Prerequisite:** STA22SI.

**Class requirements:** three 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** one 2-hour final examination (80%) and assignments (20%).

#### **Zoology**

##### **ZOOLOGY A (30 CPs. Sem. I. Bu.) Z0031A Dr Lynne Selwood and Dr Richard Zann**

Students must choose three components from the six listed below including EP-1 which is compulsory. Students can specialise in either animal ecology components (E) or physiological components (P) or may elect to combine components from both disciplines. Components may vary from year to year. Students *MUST* consult with the Department of Zoology at the time of enrolment to decide which components to take. EP1-Understanding Australian fauna: twenty lectures cover the origin, evolution, diversity and principal adaptations of the Australian fauna with emphasis on vertebrates. The practicals emphasise research skills needed to study our fauna.

E2-Population Ecology (Dr Seamus Ward)

E3-Behavioural Ecology (Dr Richard Zann/Dr Michael Clarke)

P2-Cell and Analytical Microscopy (Dr Alan Marshall)

P3- Developmental Biology (Dr Lynne Selwood)

P4-Coral Reef and Marine Biology (Dr Alan Marshall/Dr Peter Frappell)

**Prerequisite:** Z0021ENT and Z0021AE (for E components) or Z0022VMP (for P components). It is highly recommended that students do all three subjects.

**Quota:** 100. Places are allocated based on academic merit.

**Class requirements:** four 1-hour lectures and two 4-hour practical classes per week and a field course for each area of the subject (Ecology or Physiology) which could take place during the first week of the semester, the mid-semester vacation (Easter) or the mid-year vacation (July).

Students will be required to dissect dead animals and to work with living animals or living tissues under supervision. Laboratory coats, dissecting kits and hand lenses are required. Dates and costs of the field trips will be advised at the time of enrolment.

**Assessment:** performance in field work, practicals/laboratory projects (30 to 50% depending on component), end of semester examinations (50 to 70% dependant on component).

##### **Prescribed reading:**

(EP1) Coates, S. J. and Steel, L. G. *SPSS: analysis without anguish*, John Wiley, 1997.

(E3) Krebs, J. R. and Davies, N.B. *An introduction to behavioural ecology*, 3<sup>rd</sup> edn, Blackwell 1993.

(P2/P3) Alberts, B., Bray, D., Lewis, J., Raff, M., Roberts, K. and Watson, J. D. *Molecular biology of the cell*, 3<sup>rd</sup> edn, Garland Publications 1994.

(P2) Darnell, J., Lodish, H. and Baltimore, D. *Molecular cell biology*, Freeman and Co. 1990.

(P2) Rawlins, D. J. *Light microscopy*, BIOS Scientific 1992.

(P4) Mather, P. and Bennett, I. *A coral reef handbook*, 3<sup>rd</sup> edn, Surrey Beatty and Sons 1993.

##### **ZOOLOGY B (30 CPs. Sem. II. Bu.) Z0032B Dr Lynne Selwood (Animal Physiology) and Dr Richard Zann (Animal Ecology)**

Students must choose four components from the eight listed below. Students can specialise in either animal ecology components (E) or physiological components (P) or may elect to combine components from both disciplines. Components may vary from year to year. Students *MUST* consult with the Department of Zoology at the time of enrolment to decide which components to take.

(E4)-Vertebrate Palaeontology (Dr Anne Warren).

(E5)-Ecosystems (Dr Fiona Bird).

(E6)-Applied Ecology (Dr Seamus Ward)

(E7)-Freshwater Ecology (Dr Brian Malone)  
 (P5)-Ecological Physiology of Australian Animals (Dr Peter Frappell)  
 (P6)-Marsupials and Monotremes (Dr Peter Frappell/Dr Lynne Selwood)  
 (P7)-Excitable Tissues (Professor George Stephenson/Dr Graham Lamb)  
 (P8)-Animal Behaviour (Dr Richard Zann).

**Prerequisite:** ZOO21ENT and ZOO21AE (for E components) or ZOO22VMP (for P components). It is highly recommended that students do all three subjects.

**Quota:** 100. Places are allocated based on academic merit.

**Class requirements:** four 1-hour lectures and two 4-hour practical classes per week. Students will be required to dissect dead animals and to work with living animals or living tissues under supervision. Laboratory coats, dissecting kits and hand lenses are required.

**Assessment:** performance in practicals/laboratory projects (30 to 50% depending on component), and end of semester examinations (50-70% dependent on component).

#### **Prescribed reading:**

(E7) Lampert, W. and Sommer, V. *Limnology. The ecology of lakes and streams*. Oxford U, 1997.  
 (P5, P7) Randall, D., Burggren, W. and French, K. *Eckert: Animal physiology-mechanisms and adaptations*, 4<sup>th</sup> edn, Freeman, 1997.  
 (P5) Schmidt-Nielsen, K. *Animal physiology*, 5<sup>th</sup> edn, Cambridge U, 1997  
 (P7) Aidley, D. J. *The physiology of excitable cells*, 4<sup>th</sup> edn, Cambridge U, 1995  
 (P8) Manning, A. and Stamp Dawkins, M. *An introduction to animal behaviour*, Cambridge U, 1992.

#### **Fourth-year subjects**

### **Agricultural Science**

#### **AGRICULTURAL CASE STUDIES (30 CPs. Sem. I. Bu.) AGR41ACS Dr Peter Sale**

In this subject students will participate in a series of case studies. They will work in groups and act as advisers to real clients who require information and advice on how best to manage their farm or agricultural business. Students will be required to integrate their understanding of biological and economic principles and processes, from subjects taken earlier in their course, as they address the complex management tasks in the case study. New information will be presented in lecture and/or discussion formats on campus or during field trips, by staff or practitioners who are experienced in the agricultural enterprise. Students will gain a range of teamwork and communication skills, and confidence in their own abilities, as they develop and present recommendations to the client in the case study.  
**Prerequisites:** AGR31EPP, AGR22ABM, AGR32ANN and AGR32SS.  
**Class requirements:** five 1-hour lectures, and one 2-hour tutorial per week. Six field trips.

**Assessment:** two assignments (20% each), practical exercises (10%), one 3-hour examination (50%)

#### **AGRICULTURAL MARKETING AND POLICY (20 CPs Sem. I. Bu.) AGR41AMP Mr Geoff Edwards**

This subject is introduced with a consideration of competing hypotheses about whose interests are served by policy. Emphasis is placed on identifying and examining actual and alleged causes of economic inefficiency. Amongst these are government intervention in markets, resource immobility, externalities and instability and uncertainty. The advantages and disadvantages of different policies for dealing with various sources of inefficiency are discussed. Several interpretations of equity are distinguished and their implications for agricultural policy are also considered. The marketing topics treated will include marketing arrangements for particular industries and options available to farmers to reduce market risk. In their assignment, students will examine policy for an agricultural industry and write a report in which they recommend changes in policy that will increase economic efficiency and enhance equity.  
**Class requirements:** 39 lectures and twelve 1-hour tutorials.  
**Assessment:** assignments (40%) and examination (60%).

#### **Prescribed reading:**

Godden, D. (1997). *Agricultural and resource policy*, OUP, Melbourne.

#### **AGRICULTURAL PRACTICE (15 CPs. Sem. I & II. Bu.) AGR40AP**

The content of this subject is identical to that of AGR10AP. See the Index of subjects at the back of the Handbook for the location of the description of that subject.

#### **AGRICULTURAL PROJECT (60 CPs. Sem. II. Bu.) AGR42PRO**

Students undertaking the BAgrSc degree are required to complete a literature review and undertake a research project to be written up in thesis form. Students are able to develop their own particular interests to a considerable extent, with support from supervisors in the Department.

### **EXPERIMENTAL PROTOCOLS (10 CPs. Sem. I. Bu.) AGR41EXP**

Assoc. Professor Mark Sandeman

This subject examines the statistical methodology used in the design and analysis of agricultural experiments. Includes non-parametric inference for one and two samples, multiple linear regression, analysis of variance and common experimental designs including randomised complete block, Latin squares and factorial designs. In addition, the design of experiments in the animal, plant and soil sciences will be considered with respect to achievable aims, suitable methods, the control of variables and the reporting of results. Specific legislative requirements including animal and human ethics and welfare considerations will be addressed.

**Prerequisites:** STA21LS.

**Class requirements:** an average of two hours of lectures and two hours of tutorial or practical classes per week.

**Assessment:** regular assignments (40%), practical exercises (10%), one 2-hour examination (50%).

### **HONOURS AGRICULTURE (120 CPs. Sem. I & II. Bu.) AGR40HON**

Students who have completed a three year Bachelor of Science degree with majors in fields relevant to studies on plant soils or animals are able to undertake an honours year in the Department of Agricultural Sciences. The year consists of a research project under appropriate supervision with course-work and essays to complement the research project. The research thesis is usually based on laboratory or field experiments, or both, but may in appropriate cases, be a theoretical treatise.

### **Biochemistry**

#### **HONOURS BIOCHEMISTRY (120 CPs. Sem. I & II. Bu.) BCH40HON**

Professor Nick Hoogenraad

This course is available to students who have fulfilled the requirements of a Bachelor of Science degree, provided that their previous academic record is of sufficient standard. The course consists of an individual research project under supervision and a course-work component. Students should consult with potential supervisors during their final year to discuss placement and design of the research project. In addition to the research component, there is a course-work component that includes written assignments based on a lecture course, essays, a written test and seminars. The course lasts approximately nine months and starts early in February.

**Assessment:** research thesis (65%) and course-work (35%).

### **Botany**

#### **HONOURS BOTANY (120 CPs Sem. I & II. Bu.) BOT40HON Dr Trevor Whiffin**

A fourth year course is available to students who have fulfilled the requirements of a Bachelor of Science degree, provided that their previous academic record is of a sufficient standard. The course consists of a supervised research project, together with other prescribed work including essays, workshops and seminars. The course lasts approximately nine months and starts in either February or July. Students should consult with potential supervisors during their final year.

**Assessment:** research thesis (70%) and performance in the other prescribed work (30%).

### **Chemistry**

#### **HONOURS CHEMISTRY (120 CPs. Sem. I & II. Bu.) CHE40HON Dr Graeme Nyberg**

This subject comprises more advanced lectures and training in research. There are no formal or set experiments. Each student is required at the beginning of the course to opt for the area of chemistry in which they wish to undertake a research investigation. The lecture units expected to be offered in the two areas of chemistry, physical and analytical, and inorganic and organic, comprise group theory, surface analysis, computer interfacing, mass spectrometry, atmospheric chemistry, chemical sensors, electro-analytical chemistry, main group chemistry, NMR, mechanistic organic chemistry, enzymes in synthetic organic chemistry, advanced synthetic design and synthesis with organometallics. Commencing students will be supplied with brochures (available from the Head of the Department) giving further details of all the above courses.

**Prerequisite:** a grade of at least 65% in CHE30ADV or CHE30SPE and a third year average of at least 60% or equivalent.

**Class requirements:** subjects must be approved by the Head of the Department. Students are required to take nine lecture units normally selected from the above list, with the restriction that at least three must be selected from each of the two each areas. Assessment is on the best eight. Students may, with the approval of the Head of the Department, partly replace chemistry subjects with fourth year subjects offered by other Departments such as biochemistry, geology, mathematics or physics. In addition, students commence work at the beginning of February on one or more research projects under the supervision of a member of staff.



Further, students are required to present two seminars during the year and attend Department research seminars.

**Assessment:** lecture units assessed by examination, or a take-home project, in the first semester examination period (50%). The research project is assessed in November on the basis of a thesis and by an oral examination (50%).

### Computer Science & Computer Engineering

- The course-work for fourth year computer science is divided into subjects of equal weight and may be taken by students enrolled in the honours year of a Bachelor of Science (Honours), Bachelor of Computer Science, Bachelor of Information Systems, Bachelor of Arts (Honours), Postgraduate Diploma in Computer Science, Master of Science (Preliminary) or Master of Computer Science.
- The Bachelor of Science (Honours), Bachelor of Computer Science, Bachelor of Information Science and Postgraduate Diploma in Computer Science each comprise five course-work subjects (75 CPs.) and a research project (45 CPs.).
- Students enrolled in the Postgraduate Diploma in Computer Science can choose to substitute three further subjects for the project.
- The fourth year of the three Bachelor of Computer Systems Engineering degrees comprises six subjects, (90 credit points) and a research thesis (45 credit points).
- The fourth year of the combined Bachelor Computer Science (Honours)/ Bachelor of Engineering (Electronics) comprises two course-work subjects (30 CPs.) and a research project (45 credit points). The fifth year comprises two course-work subjects.
- The computer science project, is supervised by a staff member of the Department and students should select the project topic two weeks before the commencement of first semester and work steadily on it through the year. A list of suggested projects is available from the Department.
- There will be a meeting of all students taking fourth year subjects in February to finalise timetables and distribute information.

**Prerequisite:** normally, a pass in third year computer science with a grade of A or B. Some subjects have more specific prerequisites.

**Class requirements:** about eight contact hours per week.

**Assessment:** course-work is assessed by a variety of examinations, projects and computer programming. The project includes a literature survey and an associated verbal report submitted toward the end of first semester plus a final report and a seminar presentation.

**Subjects offered may vary from year to year. Not all subjects listed below will be offered in 2000 and details of those available and the semesters of offer will be finalised at the February 2000 meeting. The Head of the Department may approve a fourth year subject of another discipline being included in a student's course.**

### ADVANCED DATABASES (15 CPs. Sem. II. Bu.) CSE42ADB

Topics include next generation databases, object-oriented databases, object-relational databases, advanced relational features, client-server databases, federated databases, web databases and high performance databases.

**Prerequisite:** CSE21DB or CSE31DB.

**Assessment:** one 2-hour examination (50%) and an assignment (50%).

**Class requirements:** one 2-hour lecture per week for 10 of the 13 weeks.

### ADVANCED GRAPHICS (15 CPs. Sem. I. Bu.) CSE41AGR

Topics covered by this subject include hierarchical segmentation, 3-dimensional graphics, colour theory, area and pattern filling, animation programming techniques and simulation using graphics. Components also include coordinate transformations, frame to frame computation, matrix object description, computation of trajectories and reach. Robot simulation using graphics, dynamical stability considerations, open GL programming, constraint graphics (ray tracing), radiosity, virtual realities, VRML and VRML viewers and tools are also examined.

**Prerequisite:** CSE31GRA.

**Class requirements:** one 2-hour lecture and one 1-hour laboratory class per week for 10 of the 13 weeks.

**Assessment:** one 2-hour examination (60%), assignment (35%) and laboratory work (5%).

### ADVANCED MANAGEMENT SYSTEMS (15 CPs. Sem. I. Bu.) CSE41AMI

Topics include: organisations and information, end-user computing, enterprise and global management of information systems, electronic commerce and social, legal and ethical issues in the development of management information systems.

**Prerequisite:** CSE41FMI or equivalent.

**Class requirements:** one 2-hour lecture per week for ten of the thirteen weeks and associated laboratory classes.

**Assessment:** one 2-hour examination (70%), practical work (30%).

### ADVANCED TOPICS IN COMPUTER SCIENCE 1 (15 CPs. Sem. I. Bu.) CSE41AT1

This subject is offered from time-to-time as a seminar series. The

majority of the seminars are conducted by external experts with an international reputation. Topics for 2000 will be available from the Department from December 1999.

### ADVANCED TOPICS IN COMPUTER SCIENCE 2 (15 CPs. Sem. I. Bu.) CSE41AT2

See description for Advanced Topics in Computer Science 1: CSE41AT1 above.

### ADVANCED TOPICS IN COMPUTER SCIENCE 3 (15 CPs. Sem. II. Bu.) CSE42AT3

See description for Advanced Topics in Computer Science 1: CSE41AT1 above.

### ADVANCED TOPICS IN COMPUTER SCIENCE 4 (15 CPs. Sem. II. Bu.) CSE42AT4

See description for Advanced Topics in Computer Science 1: CSE41AT1 above.

### ADVANCED TOPICS IN COMPUTER SCIENCE 5 (15 CPs. Sem. II. Bu.) CSE42AT5

See description for Advanced Topics in Computer Science 1: CSE41AT1 above.

### ADVANCED TOPICS IN INFORMATION SYSTEMS 6 (15 CPs. Sem. I. Bu.) CSE41AT6

This subject is offered from time-to-time as a lecture series. The majority of the lectures are conducted by external experts with an international reputation. Topics for 2000 will be available from the Department from December 1999.

### ADVANCED TOPICS IN INFORMATION SYSTEMS 7 (15 CPs. Sem. I. Bu.) CSE41AT7

See description for Advanced Topics in Information Systems 6: CSE41AT6 above.

### ADVANCED TOPICS IN INFORMATION SYSTEMS 8 (15 CPs. Sem. II. Bu.) CSE42AT8

See description for Advanced Topics in Information Systems 6: CSE41AT6 above.

### ADVANCED TOPICS IN INFORMATION SYSTEMS 9 (15 CPs. Sem. II. Bu.) CSE42AT9

See description for Advanced Topics in Information Systems 8: CSE42AT8 above.

### APPLICATION PROTOCOLS (15 CPs. Sem. II. Bu.) CSE42APP

Topics in this subject include specification using ASN.1 and a detailed study of the FTP, RPC, SMTP, FTAM, X.400 and X.500 protocols and their operation. There is also an overview of some other application protocols, such as JTM and VT. Network management, SNMP and CMIP/CMIT and a component of security management.

**Prerequisite:** CSE21NET or CSE31NET.

**Class requirements:** one 2-hour lecture per week for 10 of the 13 weeks.

**Assessment:** one 2-hour examination (70%) and one assignment (30%).

### ARTIFICIAL INTELLIGENCE (15 CPs. Sem. I. Bu.) CSE41AI

This subject comprises components in planning, language comprehension, advanced AI programming and problems of common sense reasoning. The first component contains topics such as STRIPS non-linear and hierarchical planning, other planning techniques, natural language processing (English), syntax and semantics, Chomsky hierarchy, context-free and transition-network parsers, augmented transition network parsers and ATN grammars deference-list parsing in Prolog. The second component contains such topics as plans, motivation and obstacles conceptual dependency theory, frames and scripts, speech acts, conversations and context and ambiguity. The third component examines object-oriented systems, inheritance, encapsulation, methods polymorphism, slots, facets and demons, implementation in LISP and Prolog, streams, engines, delayed evaluation, co-routines and implementation in LISP and Prolog.

**Prerequisite:** CSE32AI.

**Class requirements:** one 2-hour lecture per week for 10 of the 13 weeks.

**Assessment:** one 2-hour examination (70%) and one assignment (30%).

### COMPILER CONSTRUCTION (15 CPs. Sem. I. Bu.) CSE41CMP

The course examines the techniques and tools used in the construction of compilers. Although all phases of compilation, scanning, parsing, analysis, code generation and optimisation, are investigated from formal and practical viewpoints, pragmatic issues are also emphasised. For the programming assignment an existing compiler for a mini-language will be extended to implement a new language construction.

**Prerequisite:** CSE21ADC.

**Class requirements:** one 2-hour lecture per week for 10 of the 13 weeks.

**Assessment:** one 2-hour examination (60%) and one assignment (40%).



### **CONCURRENCY (15 CPs. Sem. II. Bu.) CSE42CON**

Topics examined include control flow parallelism (processes, shared variables, mutual exclusion synchronisation and message passing), shared memory (machine models, description techniques and performance analysis), partitioned memory, distributed decision making, workload distribution and performance analysis. Data flow parallelism, programs and architectures, dependency analysis and algorithm construction and analysis in shared and distributed memory environments is also examined.

*Prerequisite:* CSE31PAR.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) practical work (30%).

### **DATA MINING (15 CPs. Sem. II. Bu.) CSE42DMI**

Data Mining, also known as Automated Knowledge Acquisition (AKA), is concerned with extracting knowledge from example data. For instance, it can be used to determine if-then type rules which can be used in an expert system. AKA, or machine learning, is therefore the necessary prerequisite for the development of knowledge-based systems and can also be used for data reduction.

*Prerequisite:* CSE32AI.

*Incompatible subject:* CSE42AKA.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks of the semester.

*Assessment:* one 2-hour examination (50%) and an assignment (50%).

### **DECISION SUPPORT SYSTEMS (15 CPs. Sem. I. Bu.) CSE41DSS**

Topics examined include: linear programming and optimisation, game theory, negotiation, organisational decision support systems, enterprise support systems, group decision support systems.

*Prerequisite:* CSE41FDB or equivalent.

*Class requirements:* one 2-hour lecture per week for ten of the thirteen weeks and associated laboratory classes.

*Assessment:* one 2-hour examination (70%), practical work (30%).

### **DIRECTED STUDY (15 CPs. Sem. I or II. Bu.) CSE41DIR/42DIR**

This is a subject which enables students to carry out independent study supervised by a member of staff. Enrolment requires the approval of the fourth year co-ordinator.

### **DISTRIBUTED COMPUTING (15 CPs. Sem. I. Bu.) CSE41DIS**

This subject comprises components in fundamental issues in concurrency and message-passing communication, development of truly decentralised distributed solutions for basic problems such as clock-synchronisation, check-point and recovery, mutual exclusion, elections, termination and deadlock detection. Some issues in fault-tolerance, Byzantine problems and acquiring common knowledge. An emphasis on proving correctness and analysing performance. Knowledge of C+ UNIX is assumed.

*Prerequisite:* CSE21NET or CSE31NET or CSE31PAR or CSE32OS.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and two assignments (20% and 10%).

### **MATHEMATICAL SOFTWARE (15 CPs. Sem. II. Bu.) CSE42MTH**

Topics covered in this subject include fundamental concepts of computational software, IEEE floating-point standards, numerical methods, strategies, analysis, stability, exception handling and heuristics, with an emphasis on methods for automatic numerical integration. Portability and software tools for mathematical software, and methods for evaluating numerical software are also examined.

*Prerequisite:* CSE31NC.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **MULTI-PROCESSOR SYSTEMS (15 CPs. Sem. I. Bu.) CSE41MPS**

Topics in this subject include multi-processors and multicomputers, PRAM and VLSI models, architectural development tracks, system interconnect architectures, performance evaluation of interconnection networks, performance metrics and measures, scalability of parallel algorithms, speedup performance laws, scalability analysis and approaches, multi-processor system interconnections, message passing mechanisms, latency hiding techniques, multi-threading, fine grain multicomputers and scalable and multithreaded architectures.

*Prerequisite:* CSE22ARC or CSE32ARC.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **NETWORK DESIGN AND NETWORK MANAGEMENT (15 CPs. Sem. I. Bu.) CSE41NMN**

This subject teaches students the key issues in network design, including layouts, dimensioning, choice of protocols and topologies. The network management aspect looks at network routing, security reliability, cost and performance issues.

*Prerequisite:* CSE21NET or CSE31NET.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **NEURAL NETWORKS (15 CPs. Sem. I. Bu.) CSE41NN**

This subject covers supervised and un-supervised learning and the concept of learning from experience. The difference between training and testing a neural network in the supervised case is also explored. The learning algorithms covered in this subject include Hebb's, Delta, back-propagation, Kohonen Hopfield and ART networks. Applications (feature classifier) discriminator, self-organisation models, optimisation, vision, hearing and control.

*Prerequisite:* CSE32AI or CSE32EXP.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (50%) and an assignment (50%).

### **PERFORMANCE ANALYSIS OF COMPUTER SYSTEMS (15 CPs. Sem. I. Bu.) CSE41PCS**

Topics studied include modelling, z-transform in probability theory, simulations, Markov models, mean first passage and recurrence times, continuous time systems, single queues, birth to death systems, non-birth to death systems, non-Markovian systems, networks of queues, solving open networks, solving closed networks, mean value analysis and case studies.

*Prerequisite:* STA31PE.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and a programming assignment (30%).

### **PROTOCOL AND NETWORK ENGINEERING (15 CPs. Sem. II. Bu.) CSE42PNE**

Topics include performance evaluation, protocol measurement and bench-marking, performance modelling, control of system performance, throughput, delay, error probability, factors influencing performance measurement tools, SPIMS, analytical models, stochastic process, timed petri nets, continuous-time Markov chain, queuing theory, stochastic petri nets, Markovian process, state transition matrix, performance indices, modelling tools, GreatSPN, network design, design issues, operational cost, inter-connectivity, user requirements, expandability and network design examples.

*Prerequisite:* CSE31PPR or CSE32LAN.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **REAL-TIME AND FAULT-TOLERANT SYSTEMS (15 CPs. Sem. II. Bu.) CSE42RFS**

This subject examines the concept of fault, error, failure, layered machines, classification of faults, provision of static and dynamic redundancy, hardware, software, time and information redundancy, N-version and roll-back and recovery methods, concepts of local and global clocks, time validity of information, real time systems and networks.

*Prerequisite:* CSE32OS is recommended.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **SOFTWARE ENGINEERING PROJECT MANAGEMENT AND ESTIMATION (15 CPs. Sem. II. Bu.) CSE42SPM**

Components in this subject include project task decomposition, scheduling, determination and allocation resources, critical path analysis, team selection and team building, software engineering estimation techniques, structure and negotiation of software contracts, CASE tools for different styles of software project management and estimation.

*Prerequisite:* CSE30PRJ or CSE32PRO.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (60%) and practical work (40%).

### **SOFTWARE QUALITY AND RELIABILITY (15 CPs. Sem. II. Bu.) CSE42SQR**

Factors influencing software quality, standards for software quality assurance, AS 3563, measures of quality, error rates, models of failure, probabilistic models, concept of a measurement environment for quality, design of experiments for quality measurement, use of metrics in quality control, reliability issues, robustness, design strategies for reliable software, N-version programming, merits and demerits, recovery techniques, roll-back of various levels the relationship between software reliability and database, reliability estimation, advanced issues in testing, test-based system and drivers are examined in this subject.

*Prerequisite:* CSE32SRT.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **SOFTWARE TOOLS AND CASE (15 CPs. Sem. II. Bu.) CSE42STC**

Topics include the evolution of CASE tools, constituents of a CASE system, development platforms, standards for tool repositories

PCTE, integration of various tools, configuration management and versions control, module interconnection languages and buses, hypertext and hypermedia concepts, design and implementation issues, navigation information content of diagramming systems and their isomorphism, standard diagramming techniques, control of access to tools in a software project and project tracking, design, reasoning and design capture.

*Prerequisite:* CSE32PRO or CSE30PRJ.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (60%) and practical work (40%).

### **SPECIFICATION SYSTEMS AND TECHNIQUES (15 CPs. Sem. I. Bu.) CSE41SST**

Students examine the history of formal methods, the problem of precise specifications and their validation, proof systems and their use in specifications, general structure of a specification as a proof, formal methods, a selection from Z, VDM and other methods, temporal issues in formal methods and automatic interpretation of formal methods.

*Prerequisite:* CSE21SDT.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and an assignment (30%).

### **TESTING AND DIAGNOSIS OF DIGITAL SYSTEMS (15 CPs. Sem. II. Bu.) CSE42TDD**

This subject includes components on modelling of digital systems, logic simulation, fault modelling (fault equivalence and fault dominance), fault simulation, automatic test generation (fault oriented ATG and fault independent ATG algorithms), functional testing, design for testability, built-in self test and system level diagnosis.

*Prerequisites:* ELE21DIG and ELE22MIC.

*Class requirements:* one 2-hour lecture per week for 10 of the 13 weeks.

*Assessment:* one 2-hour examination (70%) and one assignment (30%).

### **THESIS (45 CPs. Sem. I & II. Bu.) CSE40THE**

Students undertake a project that takes the equivalent of eight or nine months of continuous work under the supervision of a member of staff. Each project is written up as a minor thesis, with all students presenting a seminar on their topic. A mid-year literature survey is also required. A list of prospective topics for 2000 is available from the Department of Computer Science & Computer Engineering office.

## **Electronic Engineering**

### **ADVANCED ANALOG ELECTRONICS (10 CPs. Sem. I. Bu.) ELE41AAE**

*Mr Paul Junor*

*Advanced semiconductor device modelling:* small and large signal behaviour, switching and noise characteristics of passive components, diodes, bipolar and field effect transistors.

*Analysis and design of high performance linear circuits:* non-ideal behaviour, frequency response, noise characteristics and applications of differential and operational amplifiers; the effect of feedback on circuit noise and stability; specialised linear I.C. amplifiers (chopper-stabilised amps, programmable op-amps, operational transconductance amps, current feedback or Norton amplifiers).

*Filters:* filter functions (Butterworth, Chebyshev, Elliptic and Bessel), filter design methods; passive filters, active filters (Sallen/Key, IGMF, state variable and biquadratic filters), switched capacitor filters.

*Non-linear circuits:* analog switches and multiplexors, sample and hold amplifiers, comparators, precision rectifiers, peak detectors, logarithmic amplifiers, analog multipliers, phase-locked loops.

*Linear and non-linear waveform generator circuits (oscillators).*

*Power electronics:* semiconductor power devices; power amplifiers, power switching circuits, switching regulators, switch-mode power supplies.

*Prerequisite:* ELE31ACD.

*Class requirements:* two lectures and an average of one hour practical work, per week.

*Assessment:* one 2-hour examination (70%), practical work (20%) and assignments (10%).

In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Franco, S. *Design with operational amplifiers and analogue integrated circuits*, 2<sup>nd</sup> edn, McGraw Hill, 1988.

Gray, P. R. and Meyer, R. G. *Analysis and design of analog integrated circuits*, 3<sup>rd</sup> edn, Wiley, 1993.

Sedra, A.S. and Smith, K.C. *Microelectronic circuits*, 4<sup>th</sup> edn, OUP 1997.

### **ADVANCED COMMUNICATION SYSTEMS (10 CPs. Sem. II. Bu.)**

**ELE42ACS** *Dr John Devlin*

Students receive an introduction to radar systems and study the radar equation, radar principles, radar operation, attribute extraction,

tracking and HF, OTH, microwave and inverse synthetic aperture (ISAR) radars. There is also an introduction to navigational aids, such as Loran, Omega and GPS systems and an introduction to communication and Earth resource satellites, multiple access schemes, resource allocation, link budgets, telecommunications objectives, transmission errors and statistical analysis.

*Prerequisite:* ELE42NET.

*Class requirements:* two lectures and an average of one-hour practical work, per week.

*Assessment:* one two-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

### **ADVANCED DIGITAL SYSTEMS DESIGN (10 CPs. Sem. I. Bu.)**

**ELE41ADD** *Mr Jim Whittington*

This subject aims to enhance and extend students skills in digital design by exploring how complex digital systems can be expressed and verified using the current technology in graphical tools for EDA and then synthesised on a hardware platform. In extensive digital design project forms a major part of the subject.

*Prerequisite:* ELE32EDA.

*Class requirements:* one 1-hour lecture and one 3-hour practical class per week.

*Assessment:* major design project including a project report of 1,000 words (100%).

#### **Prescribed reading:**

Skahill, K. *VHDL for programmable logic*, Addison-Wesley, 1996.

Roth, C.H. *Digital systems design using VHDL*, PWS Publishing, 1998.

### **ADVANCED SIGNAL PROCESSING (10 CPs. Sem. I. Bu.) ELE41ASP**

*Dr Guang Deng*

Components of this subject include orthogonal functions and generalised Fourier series, fast Fourier transform algorithms (FFTs), spectrum analysis, digital model of speech, cepstral analysis of speech, linear predictive coding, FIR filters, polyphase filters, multirate DSP, audio applications of DSP, communication system applications of DSP, channel coding and VLSI digital signal processors.

*Prerequisite:* ELE32DSP.

*Class requirements:* two lectures and an average of one-hour practical work, per week.

*Assessment:* one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Proakis, J. and Manolakis, D. G. *Digital signal processing*, Prentice Hall 1996.

### **ADVANCED TOPICS A (10 CPs. Sem. I. Bu.) ELE41ATA**

*This subject comprises advanced topics in Electronic Engineering. Information on topics to be offered in 2000 will be available from the Department from December 1999.*

### **ADVANCED TOPICS B (10 CPs. Sem. II. Bu.) ELE42ATB**

*Information on the advanced topics in electronic engineering to be offered in 2000 will be available from the Department from December 1999.*

### **ANTENNAS AND PROPAGATION (10 CPs. Sem. II. Bu.) ELE42ANT**

*John Devlin*

Topics in this subject include electromagnetic theory, boundary conditions, free space propagation, guided waves, antenna principles, basic antenna theory, hertzian dipole, basic antenna structures, practical antennas, antenna analysis, NEC analysis, dipole antennas, MF, HF, VHF, UHF, microwave and microstrip antennas, as well as ground wave propagation, influence of the Earth, HF propagation and ionospheric propagation effects. There is also an introduction to electromagnetic interference (EMI/EMC) and components on conducted and radiated emissions and susceptibility, CCITT standards, CE mark, emitters and receptors, PCB layout, measurements and a case study.

*Prerequisite:* ELE32RMO.

*Class requirements:* two lectures and an average of one-hour practical work, per week.

*Assessment:* one two-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Wolf, E. A. *Antenna analysis*, Artec House Inc. 1988.

### **APPLIED MANAGEMENT FOR ENGINEERS (10 CPs. Sem. I. Bu.)**

**ELE41EMT** *Mr Graeme Rathbone*

Working in a team, students prepare a business plan for taking a new

technology idea (product or service) through to commercial success, plus several series of lectures in five key areas. All students are required to undertake all components. Components include marketing for engineers, engineering innovation, business strategies for engineers, leadership, people and teams and legal principles in engineering. Topics include marketing concepts, market research and competitive environment, strategic and functional marketing, innovation in a competitive environment, technological trends, research and development policies, purchasing, supply and logistics, vendor and consumer relations, morale and team performance, copyright and design, product, professional and criminal liability, occupational health and safety and contracts.

**Prerequisite:** ELE31EMT or ELE31EMC.

**Class requirements:** four lectures per week, plus one tutorial every fortnight.

**Assessment:** measured performance on team assignment (30%), written examinations (30%), individual researched and written assignments (30%) and tutorial performance (10%).

**Prescribed reading:**

Zikmoud, W. G. and D'Amico, M. *Marketing*, 4<sup>th</sup> edn, West Publishing 1993.

Schermerhorn, J.R. *Management for productivity*, 4<sup>th</sup> edn, Wiley 1993.

Latimer, P. *Australian business law*, CCH Ltd, 1997.

**BIOMEDICAL ENGINEERING (10 CPs. Sem. I. Bu.) ELE41BME Mr Graeme Rathbone**

Components of this subject examine advanced physiology and modelling, biomaterials and biomechanics. Students study advanced cardiovascular physiology and modelling, special aspects relating to foetal, neonatal, paediatric and obstetric physiology, advanced sensory physiology and neuromuscular modelling. An examination is also made of typical biomaterials (metals, ceramics, composites, carbons, natural, polymers), biological testing, biocompatibility, interaction with tissue, electrical, mechanical and structural properties, implants, corrosion and absorbability, sterility and sterile packaging, exercise and rehabilitation devices and orthopaedic prosthesis and orthoses.

**Prerequisite:** ELE31BME.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Fox, S.I. *Human physiology*, 5<sup>th</sup> edn, Wm. M. Brown Publishers, 1996.

Webster, J. G. (ed.) *Medical instrumentation application and design*, 3<sup>rd</sup> edn, Wiley 1998.

Deutsch, S. and Deutsch, A. *Understanding the nervous system - an engineering perspective*, The Institute of Electrical and Electronics Engineers, Inc. New York.

**CLINICAL ENGINEERING (10 CPs. Sem. II. Bu.) ELE42CLN Mr Graeme Rathbone**

This subject comprises components on cardiac assist devices (pacemakers, defibrillators and cardioverters), electro-surgery (modes, generators, wave shapes, accessories, safety issues and standards), drug delivery systems (active, passive, volumetric, rate-controllers, pumps, syringe drivers, automatic control), dialysis (renal function, artificial kidney, haemodialysis, peritoneal dialysis, dialysers, dialysate) and central monitoring stations and ambulatory monitoring.

There are also components on medical imaging modalities (radiography including X-ray, fluoroscopy, angiography and safety considerations), CT scanning principles and reconstruction algorithms, ultrasound imaging, MRI operating principles and image formation, developments in electrical impedance imaging and biomagnetic imaging, PET, SPECT and engineering aspects of radiation and nuclear medicine.

**Prerequisite:** ELE32INS, ELE41BME, ELE41ASP.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Webster, J. G. (ed.), *Medical instrumentation application and design*, 3<sup>rd</sup> edn, Wiley, 1998.

**COMMUNICATION NETWORKS (10 CPs. Sem. II. Bu.) ELE42NET Dr John Devlin**

Students study network architecture (the OSI 7 layer mode), serial

communication standards, termination of signal lines, driving CSMA/CD networks, the data link layer (HDLC, SDLC and LAPB), the network or packet layer in X.25, routing techniques in computer communication networks, shortest path algorithms for routing, flow control, packet protocols for broadcast satellites, local area networks (Ethernet and token passing networks), introduction to queuing theory, simple queuing systems, polling in networks and reliability of networks.

**Prerequisite:** ELE31COM.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%).

In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

Stallings, W. *Data and computer communications*, 4<sup>th</sup> edn, Macmillan, 1994.

**DESIGN FOR PRODUCTION (10 CPs. Sem. I. Bu.) ELE41DES Dr John Devlin**

*The content of this subject is identical to that of ELE31DES; check the Index of subjects for the location of the description of that subject. Students taking ELE41DES will be expected to demonstrate a greater degree of subject understanding and discipline specific skills than students taking ELE31DES.*

**DIGITAL CONTROL THEORY (10 CPs. Sem. II. Bu.) ELE42DCT Mr Graeme Rathbone**

This subject is a course on digital control theory applicable to implementation on a number of digital hardware platforms. Topics include state-space methods, SISO and MIMO control system analysis and design, optimal control, non-linear systems and digital implementations of control systems.

**Prerequisite:** ELE31CTL.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%).

In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

**Prescribed reading:**

D'Azzo, J. J. and Houpis, C. H. *Linear control system analysis and design*, 4<sup>th</sup> edn, McGraw-Hill 1995.

*Digital control lecture notes*, Department of Electronic Engineering. Phillips, C. L. and Nagle, H. T. *Digital control system analysis and design*, 3<sup>rd</sup> edn, Prentice-Hall, 1995.

**DIRECTED STUDY (10 CPs. Sem. I or II. Bu.) ELE41DIR/ELE42DIR Mr Graeme Rathbone**

*Students may enrol in the subject in either the first semester (ELE41DIR) or the second semester (ELE42DIR).*

In this subject students carry out independent study supervised by a member of staff. Enrolment in the subject requires the approval of the Bachelor of Engineering (Electronics) Course Adviser.

**ELECTRONICS HONOURS (120 CPs. Sem. I & II. Bu.) ELE40ELH Mr Paul Junor**

This fourth year science honours subject comprises advanced studies in electronics and telecommunications, together with a research project supervised by a member of staff of the School of Electronic Engineering. Some of the topics which may be offered are listed below. A more complete description of topics covered in this subject will be available at the time of enrolment. Possible topics include communication networks, advanced analog electronics, RF design, programmable logic and hardware description languages, advanced signal processing, reconfigurable computer hardware, optical fibre communication systems, digital control theory, antennas and propagation, image processing and coding, optical fibre sensors and advanced communication systems.

Students select a research project in consultation with a member of staff. The project involves theoretical and practical work and is examined by thesis and oral examination. Each student is required to present a number of seminars during the course of the project.

Honours students are expected to attend all School research seminars.

**Prerequisite:** a pass in ELE31CTL, ELE31COM, ELE31ACD, ELE32ACA, ELE32DSP and ELE32RMO, normally with a B-grade or better. Entrance to the honours course is by invitation.

**Class requirements:** eight lectures and two hours practical work per week, plus project work.

**Assessment:** a series of two and three-hour written examinations,

various assignments and practical work (60%) and a research project (40%). In order to pass, students must obtain an overall pass grade, pass the research project and the practical work and pass examinations in at least 75% of the components (pro-rata by examination duration) and obtain an overall pass in the examinations.

#### **ENGINEERING INNOVATION AND BUSINESS STRATEGIES (5 CPs.**

**Sem. I. Bu.) ELE41EIB Mr Graeme Rathbone**

See description for *Applied Management for Engineers: ELE41EMT*. Individual topics may vary between the two subjects.

**Prerequisite:** ELE22EMT.

**Class requirements:** two lectures per week.

**Assessment:** measured performance on team assignment (30%), one 1-hour examination (30%), individually researched and written assignments (30%) and tutorial performance (10%).

#### **Prescribed reading:**

Schermerhorn, J.R. *Management for productivity*, 4<sup>th</sup> edn, Wiley 1993.

Latimer, P. *Australian business law*, CCH Ltd, 1997.

#### **ENGINEERING PROJECT (50 CPs. Bu.) ELE40ENP Dr Brian Usher**

Each student undertakes an engineering design project on a topic relevant to their chosen field (biomedical, communication, electronic systems or optical engineering) of specialisation after selecting a topic in consultation with supervisors. The project may be a design of a system, including design computations, drawings and specifications, or it may take the form of a report of an industrial or laboratory investigation or similar activity. The outcome of an investigation requires a project report of between 8,000 and 10,000 words in length, excluding appendices, but supported by appropriate diagrams, charts, graphs and other illustrations.

**Prerequisites:** one of ELE32BMP, ELE32CMP, ELE32ESP or ELE32OPP.

**Co-requisite:** ELE41DES, ELE41EMT plus 40 credit points of other fourth year Electronic Engineering subjects.

**Class requirements:** nine hours per week.

**Assessment:** project plan (10%), mid-year presentation (20%), final thesis (25%), final presentation and demonstration (45%).

#### **IMAGE PROCESSING AND CODING (10 CPs. Sem. II. Bu.) ELE42IPC**

**Dr Guang Deng**

This subject is about fundamental concepts, techniques and standards for the compression of digital images and video.

Topics include: information theory and entropy coding techniques such as, Huffman coding and arithmetic coding. Signal decorrelation techniques such as prediction, transformation and subband coding. Digital image and video coding standards such as, JPEG, JPEG-LS, MPEG-1 and MPEG-2.

**Prerequisite:** ELE41ASP.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Rao, K. R. and Hwang, J. J. *Techniques and standards for image, video and audio coding*, Prentice-Hall, 1996.

#### **OPTICAL FIBRE COMMUNICATION SYSTEM (10 CPs. Sem. I. Bu.)**

**ELE410FC Professor Laurie Cahill**

The aims of this component are, (i) To gain an up-to-date understanding of the application of optical fibres in today's telecommunication systems, (ii) to be able to design and analyse real-life fibre communication systems and (iii) to study in detail the importance of fibre in the growing areas of CATV and mobile telecommunications. Topics covered include introduction to optical fibre communication systems, review of optical fibre characteristics, conventional systems, hybrid systems, analog and digital modulation, cost and power budgeting, sources and detectors, FDDI, SDH, SONET, ATM, Broad-band services (CATV and Pay TV, computer networking, etc.), micro-cellular systems and the 'information super highway'.

**Prerequisite:** ELE31COM, ELE31ACD, ELE32TEL and ELE32RMO.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Senior, J. M. *Optical fiber communications: principles and practice*, 2<sup>nd</sup> edn, Prentice Hall, 1992.

Palais, J.C. *Fiber optic communications*, Prentice Hall, 1988.

#### **OPTICAL FIBRE SENSORS (10 CPs. Sem. II. Bu.) ELE420FS Mr**

**Darrell Elton**

This unit concentrates on the non-communications applications of optical fibres. It includes a review of optical fibre fundamentals, introduction to optical fibre sensors, fibre optic sensors and their applications (intensiometric, polarimetric, interferometric, modalmetric fibre sensors), special fibre sensors and biosensors.

**Prerequisite:** ELE31ACD and ELE32RMO.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Krohn, D. A. *Fiber optic sensors: fundamentals and applications*, Instrument Society of America 1988.

Dakin, J. and Culshaw, B. *Optical fiber sensors: principles and components*, Volume 1, Artech House 1988.

Dakin, J. and Culshaw, B. *Optical fiber sensors: principles and components*, Volume 2, Artech House 1988.

#### **RECONFIGURABLE COMPUTING HARDWARE (10 CPs. Sem. I. Bu.)**

**ELE41RCH Mr Graeme Rathbone**

Components of this subject comprise specifying computer performance, including MIPS, MFLOPS, benchmark suites, SPEC mark and an overview of the architecture of a generic computer, arithmetic for computers, comprising integer addition, multiplication, division, floating point number representations (IEEE 754), floating-point arithmetic and reconfigurable computers, including overview of field programmable gate arrays (FPGAs), using FPGAs to build new generation computers, applications of reconfigurable computers (including examples from digital signals processing, pipelining, vector processors and parallel processing) parallel architectures, MIMD, SIMD, hypercubes and solving problems using hypercube computers.

**Prerequisite:** ELE31DSP.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one 2-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

#### **Prescribed reading:**

Patterson, D. A. and Hennessy, J. L. *Computer organization & design: the hardware/software interface*, Morgan Kaufmann, California. USA. 1994.

#### **RF DESIGN (10 CPs. Sem. I. Bu.) ELE41RFD Mr Darrell Elton**

Components in this subject comprise design methodology, philosophy and process, microstrip design of transmission lines, filters, couplers and mixers, the use of S-parameter data for one and two port devices, microwave component selection and design simulation and optimisation with Touchstone. Practical designs of low noise amplifiers and down converters is covered, while the laboratory component involves the use of Touchstone for RF simulation and PSpice for DC bias circuit design. Practical PCB layout techniques using Protel are also covered.

**Prerequisites:** ELE31ACD, ELE32ACA and ELE31COM.

**Class requirements:** two lectures and an average of one-hour practical work, per week.

**Assessment:** one two-hour examination (70%), practical work (20%) and assignments (10%). In order to pass the subject, students must obtain an overall pass grade, pass the examination and pass the practical work.

### **Environmental Management and Ecology**

#### **ADVANCED CATCHMENT MANAGEMENT (15 CPs. Sem. I. Aw.)**

**WEM41ACM Dr Percival Thomas**

This is an elective subject in the second year of the course and provides more comprehensive and advanced knowledge on integrated and total catchment management principles, especially as applicable to the Murray-Darling Basin. Topics include total catchment management, diffuse pollution, wetlands-benefits and problems, design of wetland systems for pollution control, characteristics of open channel flows, flow measurement, geomorphology of river basins, drainage in agricultural activities, estimation of flood peak flows for small and medium sized rural catchments, flood damage mitigation, water treatment processes and Landcare issues.

**Prerequisite:** WEM42CM.

**Class Requirements:** one 90-minute evening lecture per week. In addition there are three field visits on Saturdays and group discussions. **Assessment:** three assignments (90%) and participation in discussions (10%).

**ADVANCED WASTE MANAGEMENT (15 CPs. Sem. I. Aw.)**

**WEM41AWM** Dr Percival Thomas

This is an elective unit in the second year of the course designed to provide an extended knowledge on waste management technology. Topics include solid waste management alternatives, disposal systems, analysis of collection systems, determination of waste generation rates, waste minimisation and recycling, waste management in NSW and Victoria, plastics recycling, diffuse pollution and design of wetlands for pollution control, advanced waste water treatment processes, management of biosolids, principles of toxicology, and waste management strategies.

*Prerequisite:* WEM41WM

*Class requirements:* one 90-minute evening lecture per week. In addition there are three field visits on Saturdays and group discussions. *Assessment:* three assignments (90%) and participation in discussions (10%).

**CATCHMENT MANAGEMENT (15 CPs. Sem. I. Aw.) WEM42CM** Dr Percival Thomas

This unit provides you with the opportunity to analyse the different components of catchments that are likely to affect catchment hydrology and water quality. Topics include introduction to Murray-Darling Basin, history and principles of catchment management, catchment management in the Ovens Valley, land use and water quality, impact of development on the River Murray, introduction to GIS, and soil conservation.

*Class requirements:* one 90-minute lecture per week (evening). In addition there are three field visits on Saturdays.

*Assessment:* three assignments (90%) and participation in discussions (10%).

**HONOURS ENVIRONMENTAL MANAGEMENT AND ECOLOGY (120 CPs. Sem. I & II. Aw.) WEM40HON** Dr Percival Thomas

A fourth year course is available within the Department of Environmental Management and Ecology to students who have fulfilled the requirements of the BSc degree at La Trobe or another university, provided that their previous academic record is of sufficient standard. The course consists of a supervised research project, attendance at a lecture series and participation in regular discussion groups. Students can commence honours in either February or July and should consult with potential supervisors during the final year to discuss possible research topics available within the Department.

*Prerequisite:* an average of not less than 60% across the full third year of study and an average of at least 65% in a relevant subject.

*Assessment:* the research project is assessed on the basis of a thesis supported by oral presentations (70%), a literature review (10%) and an open book examination and essays (20%).

**PROJECT A (15 CPs. Sem. II. Aw.) WEM42PA** Dr Percival Thomas  
See subject description for Project: B (WEM42PB) below.

**PROJECT B (15 CPs. Sem. I. Aw.) WEM41PB** Dr Percival Thomas

Students are required to undertake a research work that has direct application to their employment or to perceived community need, and to develop their ability to apply their skills to the solution of environmental problems. This is carried out over two semesters in the second year of the course (WEM41PB and WEM42PA).

*Assessment:* the project is assessed from the 12,000 to 15,000 word report presented on completion (100%).

**THE AUSTRALIAN ENVIRONMENT - ECOLOGY AND CONSERVATION A (15 CPs. Sem. II. Aw.) WEM42ECA** Dr Percival Thomas

See subject description for *The Australian environment - Ecology and Conservation B: WEM41ECB* below.

**THE AUSTRALIAN ENVIRONMENT - ECOLOGY AND CONSERVATION B (15 CPs. Sem. I. Aw.) WEM41ECB** Dr Percival Thomas

You have the opportunity to gain an overview of Australian biophysical environment delivered over two semesters. Topics include global and Australian biophysical environment, ecological principles and ecosystem theory, salinity, Victorian Flora and Fauna Guarantee Act, billabongs, soils, eutrophication, forest ecology and management, taxonomy/ blue-green algae, introduction to economics, environmental management within the mining quarrying and dairy industries, and case studies on lake pollution.

*Class requirements:* one 90-minute evening lecture per week. In addition there is a student seminar and laboratory/field class.

*Assessment:* six assignments (70%), seminar presentation (20%) and participation in discussions (10%).

**THE AUSTRALIAN ENVIRONMENT - LEGAL AND HUMAN ASPECTS (15 CPs. Sem. II. Aw.) WEM42ELH** Dr Percival Thomas

This subject is intended to make you aware of the various government acts, regulations and strategy papers that relate to environmen-

tal management. Topics include institutional aspects of environmental management, the role of various government departments in environmental management, environmental law, environmental awareness on traditional values, EIS process, environmental audits, environmental ethics, alpine ecology, and environmental health. *Class Requirements:* one 90-minute evening lecture per week and group discussions.

*Assessment:* three assignments (90%) and participation in discussions (10%).

**WASTE MANAGEMENT (15 CPs. Sem. I. Aw.) WEM41WM** Dr Percival Thomas

This subject provides you with the opportunity to identify the factors that contribute to the production and accumulation of waste, understand different waste characteristics and apply the basic principles of integrated waste management. Topics include characteristics of domestic, agricultural and industrial wastes, solid waste management, and regional waste characteristics. Sanitary landfill (site selection, operation, process and guidelines), concepts of biochemical oxygen demand, biokinetics and stream processes associated with river disposal, sewage treatment processes, nutrient removal practices, appropriate treatment techniques for country areas, Beef feedlot waste management liquid and solid industrial waste treatment and disposal, stormwater quality management, and cleaner production are also examined.

*Class Requirements:* one 90-minute evening lecture per week. In addition there are three field visits on Saturdays and group discussions.

*Assessment:* three assignments (90%) and participation in discussions (10%).

**Environmental Science**

**HONOURS ENVIRONMENTAL SCIENCE (120 CPs. Sem. I & II. Bu.) ENV40HON**

Honours degree students are selected on the basis of their performance in the final year of the pass degree. There is no Department of Environmental Science so the honours year and projects are carried out under the auspices of a department in the Faculty, usually agriculture, chemistry, geology, physics or mathematics. The honours year is structured according to principles applied to the other science discipline of the thesis supervisor and involves an extended scientific investigation into a scientific problem relating to the environment and some course-work relevant to the project. Approval of each fourth year enrolment must be given by the supervisor and the Environmental Science Coordinator.

**Genetics**

**HONOURS GENETICS (120 CPs. Sem. I & II. Bu.) GEN40HON**

A fourth year program is available in either the Department of Genetics and Evolution or the Human Genetics Unit to students who have fulfilled the requirements of a science degree, provided that their previous academic record is of a sufficient standard. The program consists of a guided research project, a research essay on the area of the research project, two seminars on the topic of the research project and its findings, a thesis written at the completion of the research project and study units. Study units on topics of general and current interest such as *ethics and responsibility and science and genetics in the service of society*, and specialised topics in either Genetics and Evolution (e.g., sex determination, games theory in evolution, sex determination in humans and other animals, molecular and ecological genetics) or Human Genetics (e.g., human evolution, human molecular and ecological genetics, biological anthropology) are available. The program lasts approximately nine months and starts in either February or July of each year. Potential students should contact the honours coordinators in the Department of Genetics and Evolution or the Human Genetics Unit.

*Assessment:* research essay (6%), discussion topics (24%) and a thesis (70%).

**Geology**

**HONOURS GEOLOGY (120 CPs. Sem. I & II. Bu.) GEO40HON** Dr Chris Gray

The course-work component for the honours program normally involves students taking a number of Victorian Institute of Earth and Planetary Sciences (VIEPS) courses, taught by lecturers from La Trobe, Melbourne and Monash Earth Science Departments. The selection of courses offered each year is approved by the VIEPS Joint Curriculum Committee. Some of the courses are offered at La Trobe, while others may need to be undertaken away from the Bundoora campus, in conjunction with fourth year students from the other institutions. Transport will be arranged for this where necessary. The combination of short courses to be taken by a particular student may in part be determined by the nature of third year subjects they have completed and must be decided in conjunction with the project supervisor.



The thesis project is selected by a project supervisor in conjunction with the student following the circulation of a list of available projects at the end of October, although other projects may be arranged by mutual agreement. The nature of third year subjects completed by the students may influence the type of thesis project they undertake.

*Prerequisite:* based on Faculty guidelines.

*Class requirements:* an individual research project (60%) and course-work (40%). Students normally commence work at the beginning of February on their research project. Students are required to prepare and deliver a seminar on their own project and to attend research seminars in the School throughout the year.

*Assessment:* course-work (40%) is normally assessed by written examinations at the end of each short course, or in some cases by work submitted during these courses. The research project (60%) is largely assessed on the basis of the thesis and to a small extent by oral examination.

## Mathematics

### HONOURS APPLIED MATHEMATICS (120 CPs. Sem. I & II. Bu.)

**MAT40AHN** Dr Alan Andrew

A prerequisite for this subject is a pass in 60 credit points of third year Applied Mathematics subjects, with at least a B average. The subject consists of a thesis (counting one third of the total) and five components (counting the remaining two thirds). It is expected that students will have completed the subject MAT31ANC, or have command of a scientific programming language. Absence of this requirement must be discussed with the Honours Year Co-ordinator. A complete document detailing component offerings and thesis topics is available on the Mathematics Department's web site, accessible from the University's Home Page.

*Assessment:* thesis (34%) coursework components (66%).

### HONOURS PURE MATHEMATICS (120 CPs. Sem. I & II. Bu.)

**MAT40PHN** Dr Alan Andrew

A prerequisite for this subject is a pass in 60 credit points of third year Pure Mathematics subjects with at least a B average. The subject consists of a thesis (counting one third of the total) and five components (counting the remaining two thirds). A complete document detailing component offerings and thesis topics is available on the Mathematics Department's web site, accessible from the University's Home Page.

*Assessment:* thesis (34%) coursework components (66%).

## Microbiology

### HONOURS MICROBIOLOGY (120 CPs. Sem. I & II. Bu.)

**MIC40HON** Dr Paul Fisher

The honours course consists of a one year supervised research project and a relatively minor course work component. Microbiological research is as varied in its nature as the microbial world itself and the research interests of the School of Microbiology reflect this diversity. Programs are available within the School in the areas of environmental microbiology and bioremediation, microbial mining, microbial physiology, mechanisms of mutagenesis using microbes as model systems, molecular biology and epidemiology of human and animal viruses, the molecular genetics of bacterial plasmids and of bacterial synthesis of polysaccharides and the molecular biology of signal transduction and mitochondrial disease using slime moulds as models for higher organisms. More details can be found at: <http://www.latrobe.edu.au/www/microbio/>

*Assessment:* a thesis (65%), one literature review and an essay (22%), honours seminar and lecturette (7%) and laboratory skills and general performance (6%).

## Physics

### HONOURS PHYSICS (120 CPs. Sem. I & II. Bu.)

**PHY40HON** Professor Robert Leckey

By the completion of this subject a student should have developed a thorough working knowledge of some of the major fundamental topics in physics together with specialised knowledge in one of the main research interests of the Department namely: materials and surface science or space science. Details of the lectures and research project topics offered each year are available from the Department of Physics each December. This subject is an excellent preparation for postgraduate studies leading to the award of a MSc or PhD degree and is characterised by small class sizes and individual supervision of a research project by internationally recognised senior staff. Lectures are generally given in the first semester leaving the second semester free for concentration on the individually selected research project.

*Prerequisite:* at least 65% in PHY30SCI and an overall score of 60% in the third year or an equivalent performance at another University. Students who do not satisfy the above conditions may be permitted to

enrol in the Postgraduate Diploma in Physics (PHY40PGD) following application to the Head of Department.

*Class requirements:* ninety six 1-hour lectures. Students are expected to be present during normal working hours each day and to use the remaining time for personal study and for work on their research project. *Assessment:* Course-work, normally assessed by an end of first semester written examination (50%) and the research project – assessed partly on the thesis 90% and partly on oral examination 10% – (50%).

## Psychological Science

### HONOURS PSYCHOLOGY (120 CPs. Sem. I & II. Bu.)

**PSY40HON** Dr Ken Greenwood

*Admission is by invitation only and is dependent on staff availability for thesis supervision.*

This is a one year full-time intensive course of study of psychology designed to prepare students for postgraduate studies. Part-time study over two years may be granted for reasons of health, financial support and family commitments. This course is accredited by the Australian Psychological Society. Students are admitted either into Honours Psychology (PSY40HON) or Postgraduate Diploma in Psychology (PSY40PGD). For La Trobe University students admission is by invitation only, external applicants need to apply for selection through the School. The main components of the course are several seminars and three major pieces of written work. Two of these pieces of work, the research thesis and the theory essay, provide opportunities for students to specialise in particular areas of study. The psychological research methods assignment ensures an understanding of issues involved in research methodology and analysis. The supervised honours research projects are often closely related to ongoing staff research projects. By participating in the School Research Colloquia, honours students share with postgraduate students and staff members in the intellectual life of the School.

*Prerequisite:* all requirements for the Bachelor of Behavioural Science, a minimum average of 70% in PSY11PYA and PSY12PYB, PSY21PYA and PSY22PYB and PSY30P and a high standard in Behavioural Neuroscience. The Postgraduate Diploma in Psychology is open to graduates with excellent results in a three-year psychology sequence accredited by the Australian Psychological Society.

*Class requirements:* one 1-hour research colloquia a week and preparation of abstracts of selected colloquia, two 2-hour weekly seminars in theory, contemporary issues in psychology and one 3-hour weekly seminar in psychological research methods in the first semester and oral and written presentation of a research proposal, including a review of the area of research, the rationale, the method, the proposed data analysis and implications of the expected findings. *Assessment:* a psychological research methods assignment (15%), a theory essay (35%) and an empirical research thesis (50%).

## Statistics

### HONOURS STATISTICS (120 CPs. Sem. I & II. Bu.)

Honours students normally select six components from those offered by the Key Centre for Statistical Sciences and listed in the Master of Statistical Sciences section of the Postgraduates section of the Handbook. Some components may, subject to the approval of the Head of School, be selected from another subject, such as mathematics or econometrics. In addition, every student is expected to write an honours thesis, supervised by a staff member. A thesis topic may be selected from a list of topics provided by the School, but can be on any other approved topic. Application to be admitted to this subject must be made to the Head of the School of Mathematical and Statistical Sciences.

*Prerequisite:* a pass in STA31PM, STA32AS, STA31SI and STA32LM with an average B-grade or higher, together with a minimum average of 60% across all third year subjects.

*Assessment:* each of the six components is normally assessed by assignments (20%) and a two-hour examination (80%). The honours thesis contributes 40% to the final assessment.

## Zoology

### HONOURS ZOOLOGY (120 CPs. Sem. I & II. Bu.)

**ZOO40HON** Honours students are required to undertake a research project under supervision, prepare essays on selected topics, attend and give seminars. There is no formal course of lectures and hours of study are unlimited. Students who do not have qualifications in statistics may be required to complete a statistics subject during their honours year. Students may commence their studies in either February or August. They should see the Head of Department of Zoology during their final year for a discussion of possible research topics available in the Department.

*Assessment:* research topic report (70%) and essays throughout the year (30%).



**Fifth-year subjects**

**MASTER DESIGN PROJECT A (30 CPs, Sem. I or II Bu.) ELE51MPA/52MPA**

Students enrol in this subject as the first part of the minor thesis component of their Master of Engineering Science (Electronics) course. Overall the research component of the course requires a total of 90 credit points usually obtained over 3 semesters, this subject represents the first semester's work towards this minor thesis. The final research outcome (after 3 semesters work) will be a minor thesis in accordance with faculty and university requirements for the research component of a masters by coursework degree. In Masters Design Project A subject students will be required to produce a comprehensive project plan and may be required to present seminars on their work.

*Class requirements:* Students will be expected to pursue guided research on the topic of their minor thesis.

*Assessment:* A 1000 word (plus supporting documentation) project plan (40%) together with a 2000 word literature survey (60%). The subject is marked as pass or fail only.

**MASTER DESIGN PROJECT B (30 CPs, Sem. I or II Bu.) ELE51MPB/52MPB**

Students enrol in this subject as part of the minor thesis component of their Master of Engineering Science (Electronics). This is the second part of a three semester research component of the course work masters degree. At the completion of this component students

are required to submit a 4000-word essay or combination of shorter essay and progress results from their ongoing project. Students may be required to present a seminar on their work to date.

*Prerequisite:* ELE51/52MPA.

*Class requirements:* Students will be expected to pursue guided research on the topic of their minor thesis.

*Assessment:* A 4000 word (or equivalent) project report including a substantial thesis outline. The subject is marked as pass or fail only.

**MASTER DESIGN PROJECT C (30 CPs, Sem. I or II Bu.) ELE51MPC/52MPC**

Students enrol in this subject as part of the minor thesis component of their Master of Engineering Science (Electronics). This is the third and final research component of the course work masters degree. Students will be required to complete their project and submit a thesis in accordance with the faculty requirements for research theses as a component of a masters degree by coursework.

*Prerequisite:* ELE51/52MPA and ELE51/52MPB.

*Class requirements:* Students will be expected to pursue guided research on the topic of their minor thesis.

*Assessment:* Students are required to submit a research report (minor thesis) for examination. Length (approx. 25,000 words) and format are as specified in the faculty requirements for masters by coursework degrees (100%).

# FACULTY AT BENDIGO/ BENDIGO CAMPUS

## Introduction to the campus

**Location:** Edwards Road, Bendigo  
**Inquiries:** (03) 5444 7444

Courses are conducted at Bendigo, as well as selected courses through the University's regional campuses at Mildura and Shepparton.

## International Operations Office - Bendigo

The International Operations Office, a part of the Bundoora-based International Programs Office, conducts all administrative procedures concerning the enrolment and admission of international students at the Bendigo campus. The office liaises with Student Services, and the Schools within the Faculty to ensure that a complete range of services and support is available for all international students. The Academic and Social Officer (International) is available full time to assist international students in adjusting to their new life on campus and to assist as much as possible in achieving academic success in a happy and supportive social environment.

## Residential Services

The Residential Services Office is situated in the Student Services Centre. It is responsible for the administration and operation of all on-campus housing of students in the residences, as well as in nearby houses and flats. The student association maintains up-to-date lists of private board, flats and houses to share or rent in the Bendigo area.

## On-campus accommodation

Applications from first year student for accommodation close on January 7, 2000. Students in residence are expected to remain in residence for the entire academic year. Students leaving during the academic year must give four weeks' notice in writing (or forfeit four weeks' rent) and may pay a \$100 administration (transfer) fee. There are six different types of on-campus residences available at Bendigo, including the Halls of Residence. Further information about 2000 fees, brochures and application forms are available from the Residential Services' Office, La Trobe University, Bendigo, PO Box 199, Bendigo 3552. Tel: (03) 5444 7425, fax: (03) 5444 7827 or email: residences@bendigo.latrobe.edu.au.

## Child care

The Jira-runga Children's Centre is managed under a lease agreement with the University. The Centre is located on campus at the corner of Sharon and Keck Streets. It is licensed for 60 places and is available to the children of students and staff of the University and also to the community. A Child Care Advisory Committee, including parents and a University nominee, is provided for as part of this Service Agreement. Jira-runga is a Koorie word meaning "growing up".

## Security escort service

A security escort service normally operates during the academic year Monday to Thursday from 7pm to 10pm during the summer period and from 6 pm to 10 pm during the winter period. The security officer is available during these times to escort staff and students to car parks, campus residences and other related venues.

## Sporting and recreational facilities

The University provides a variety of sporting facilities on the Edwards Road and Osborne Street campuses. A new, fully equipped Fitness Centre serves students, staff and the general community. It offers a range of fitness services including fitness testing, personal fitness programs, and an extensive aerobics program all year round. The Centre is primarily concerned with providing personalised service by qualified instructors to meet its clients' health and fitness goals. The Sports Centre adjacent to the Fitness Centre contains playing facilities for volleyball, badminton, basketball and netball. Other facilities located at Osborne Street include two tennis courts with provision for basketball and a recently completed athletics track. The main Edwards Road campus has a grassed multi-purpose playing surface, as well as tennis, cricket, netball and squash. An Olympic-sized swimming pool is also situated close by. For further information on any sporting or recreational programs, tel: (03) 5444 7446 or call into the Indoor Sports Centre and Fitness Centre complex.

## Student Association

Membership of the Student Association is open to all students enrolled at Bendigo. Payment of a general service fee does not confer membership of any student association. There is no membership fee and students wishing to join the Association should fill out a membership application available from the Association office. Services provided by the Association include three retail shops on campus Sweeney Todds Café, Runes Stationary Shop and Siens Art Shop and the off-campus Golden Vine Hotel. The Association also prints a number of publications, including a student diary, *3rd Degree* Onrepentant (student magazine), wall planner and a weekly newsletter, 'Bullshead'. The Association has an Information Centre in the Student Union building to improve students' accessibility to information and resources. The Information Centre is opened from 9.00 a.m. to 7.00 p.m. Monday to Thursday and 9.00 a.m. to 5.00 p.m. Fridays and non teaching periods. Other activities supported by the Association include representation of student views on campus committees and a range of welfare, educational, sporting, recreational, social and cultural activities.

The Student Association office is situated on the Student Union floor and is open from 9.00 am to 5.00 pm each weekday, apart from public holidays. Telephone, including a 24 hour message service: (03) 5444 7514, fax: (03) 5441 7365.

## Student Services Centre

The Student Services Centre is located in the West wing of the Engineering building and provides assistance for students experiencing personal, financial or academic difficulties, health concerns, careers information and study skills. The Aboriginal Tertiary Support Unit is also located in this area. You can see counsellors, the campus nurse, chaplains, the careers officer or the administrative officer, all of who will be pleased to help you. Appointments may be made at Student Services Reception between 8.30 am and 5.00 pm Monday to Friday. The telephone number is (03) 5444 7223.

## Resource Centre

The Resource Centre, located at Student Services, has printed, computer-based and audio-visual information on careers, employers of graduates, current employment vacancies, postgraduate courses and awards, handbooks of tertiary institutions, study skills, preparing for job applications and interview techniques, HECS, scholarships and awards and AUSTUDY.

## Student Services Reception

The reception area is the hub of Student Services. The Service's administrative assistant can help with most inquiries e.g., casual employment, a tutoring register, handbooks (Victorian, interstate and overseas), reference material, scholarships and awards. Appointments can be made at reception for counselling, careers, chaplaincy, study skills and the campus nurse.

## Counselling Service

Counsellors provide a free, professional and confidential service. Among other things they can help with personal and relationship issues, academic or financial problems, study skills difficulties, course and career planning, etc. The service is available to students and staff. You can make an appointment or 'drop in'. Out-of-hours consultations are available by negotiation. Counsellors run a variety of groups throughout the year which are advertised around the campus.

## Aboriginal Tertiary Support Unit (ATSU)

This Unit offers study skills and other support for Aboriginal and Torres Strait Islander students undertaking mainstream courses. Aboriginal and Torres Strait Islander students are eligible for ABSTUDY grants and private tutorial assistance. The Unit is designed to assist Koorie students in all areas which promote success in their studies, including.

- advice to new and prospective students
- advice and support to apply for special entry for those students who have not completed VCE or equivalent
- orientation programs
- study skills and tutorial support
- culturally relevant and appropriate environment
- assistance with accommodation
- careers counselling
- computer facilities and
- financial advice.

The Unit works closely with government departments, the Victorian Aboriginal Education Association Inc., and other appropriate groups, including many local Koorie communities to ensure that Koorie students have access to tertiary education which will provide them

with the opportunity to achieve the best possible outcomes. The Aboriginal Tertiary Support Unit also works closely with Campus staff in the promotion of cultural awareness, as well as the development of Koorie inclusive curriculum. Whilst the primary role of the unit is the support of Koorie students, the unit actually offers a wide range of resources and services to the whole university and wider community.

### Financial assistance

Youth Allowance, AUSTUDY and ABSTUDY forms and information about the schemes are available. Short-term emergency loans up to \$50, and long-term loans up to \$4,000 are available. Further information and application forms are available from the counsellors.

### Careers Officer

The Careers Officer is available to help with all career matters such as course and career planning, assistance with resumés and job applications and with graduate employment. The Careers Officer runs groups during the year.

### Health Service

The campus nurse is available to help with any health issues such as first aid, medical information, personal health issues, sexual health and contraception. Various health promotions are held throughout the year and health screening tests are also carried out. Currently students seeking medical treatment are referred to doctors in local practices. Access to doctors on campus is currently being investigated.

### Academic Skills Unit

The Academic Skills Unit offers students the opportunity to improve their language and learning skills. In particular, students are provided with help in their writing of essays and reports and their understanding of critical and analytical texts. The Unit also offers specialist assistance in mathematics and English as a Second Language (ESL). Subject to approval students may enrol in a credit bearing one-semester subject, *Academic Skills for Tertiary Study*, or seek one-to-one assistance. The Unit also works closely with academic staff across all schools and departments, and conducts a number of workshops on discipline specific language and learning skills.

### Chaplains

Chaplains from various denominations are on campus four days a week during semester. They are available on a 'drop-in' basis, or you may make an appointment at reception. Ecumenical services are held occasionally during the year.

### Ombudsman

The University Ombudsman visits on a regular basis. Contact the office of the Dean/Pro Vice-Chancellor for appointments.

### Access by public transport - Bendigo

The Bendigo Bus System provides an integrated network of public transport within Bendigo and surrounding suburbs. For further information about the Kangaroo Flat, West Bendigo, North Bendigo and Eaglehawk (via Arnold St) routes, telephone (03) 5447 8788. For the Eaglehawk, Epsom-Huntly, Spring Gully, South Bendigo, Quarry Hill and Strathdale routes, telephone (03) 5443 9333.

V/Line Services operating from Bendigo are the InterCity trains to Melbourne, The Northerner InterCity express train to Kerang and Swan Hill, the Sunlink coach service to Swan Hill and Mildura and the Midland Link coach-train service to Shepparton and Albury/Wodonga. Other V/Line coach services from Bendigo serve Echuca-Moama, Cohuna-Barham, Charlton-Sea Lake, Ballarat and Geelong, and St Arnaud-Donald. For further information, telephone V/Line Bendigo on (03) 5440 2765.

### Library

The Heyward Library holds over 140,000 books, 1,700 journal subscriptions and has an audio-visual collection containing videos, sound recordings and multi-media CD-ROMs. These collections and the collections of the Bundoora and Albury/Wodonga campus libraries can be accessed by the library's computer catalogue which is also available via the Internet. For approved borrowers, the library provides access to the total resources of the university library, and national and international libraries through its inter-campus and inter-library lending and document delivery services.

Library staff provide advice and assistance in locating information and in the use of library resources, including CD-ROM databases and electronic information available through the Internet. A range of programs to develop the information skills of library users is also offered. The library's homepage ([library.bendigo.latrobe.edu.au](http://library.bendigo.latrobe.edu.au)) provides access to the catalogue, electronic resources, guides to information in particular subject areas and information about the

library. The library also provides a large number of workstations for accessing electronic resources and the Internet, a range of study facilities in pleasant surroundings and facilities for photocopying.

### Academic organisational structure

The academic structure of the Bendigo Faculty is based around three Schools whose study areas are:

#### Arts and Education

- Graduate Studies in Education (Albury/Wodonga/Bundoora)
- Outdoor Education
- Pre-service practicums
- Research and postgraduate studies
- Undergraduate studies in the Arts
- Visual Arts and Education

#### Management, Technology and Environment

- Accounting and Business Management
- Biological and Chemical Sciences
- Engineering and Physical Sciences
- Information Technology
- Mathematics

#### Health and Human Sciences

- Nursing
- Psychology
- Public Health
- Social Work

### Availability of subjects and courses

All of the subjects and courses listed in the Handbook are offered subject to the availability of staff. While every effort is made to provide full and accurate information, no absolute guarantee of the structure or manner of teaching, or of availability is implied in the listing of a subject or course for this or any subsequent year. The University reserves the right not to offer any subject for which the number of enrolments or the resources available are insufficient and it reserves the right to restrict the number of enrolments in any subject.

### Confirmation of enrolment

Enrolments must be confirmed by prescribed dates at the beginning of each semester. Students are required to participate in a confirmation of enrolment procedure at the beginning of each semester. In 2000 this procedure is scheduled for March 6 to 10 for the first semester and July 31 to August 4 for the second semester.

The procedure involves students collecting confirmation of enrolment slips (at points to be advised via notice-boards) indicating their individual subject enrolment details and checking these details to ensure that they are correct and notifying the Student Records Officer of any required amendments.

The purpose of the procedure is to establish a firm base for students' permanent academic records and to provide an accurate basis for the planning of mid-year and end-of-year examinations.

Failure to comply with these procedures could result in an incorrect entry on student records and, in cases where a student has not been attending classes initially enrolled in, the recording of a failure in that subject.

### Academic progress

Every undergraduate course offered by the university must be completed within a specified period of time. Typically, three-year courses must be completed in five years of full-time study or nine years of part-time study.

Each year, after completion of the annual examinations, Faculty Boards review the progress of their students. Those whose academic progress is unsatisfactory may be required to 'show cause' why their enrolment should be permitted and may have their re-enrolment options limited.

### Honours degrees and postgraduate studies

Honours degrees and postgraduate courses are also available and are designed to provide students with greater depth in a specialised subject area and skills in research by way of preparation for higher degree studies.

### Language Centre

The Language Centre offers ELICOS (English Language Intensive Courses for Overseas Students) for further study at intermediate, upper intermediate, and advanced levels. Students can enter at any level, at the beginning of any five-week block. Each program is divided into two five-week blocks.

There is a non-teaching week after each 5-week block to allow students to consolidate aspects of their language learning and to make more use of the self access materials. Most students spend 10 weeks at each level. These programs are designed to provide students

with the language and academic English skills required for their successful participation in undergraduate and postgraduate courses offered by the University. Courses in general English streams are also available for those students who wish to acquire more general survival skills for travel or living in Australia. Provided students meet all other prerequisites for particular courses, satisfactory completion of Advanced level English for Further Study will normally allow students entry into the University's other academic programs.

### Introduction to course outlines

Courses offered on the Bendigo campus are described under the following School headings:

**Arts and Education**  
**Health and Human Sciences**  
**Management, Technology and Environment**

Courses are described alphabetically at each level under their applicable schools. Some descriptions make reference to regulations and assessment details that are specific to that course. These references supplement those in the student entry and progress regulations and those in the individual course regulations. Any questions concerning the interpretation of regulations by schools should be referred to the relevant School Administrative Officer.

### School of Arts and Education

#### BACHELOR OF ARTS

The Bachelor of Arts is an undergraduate course designed to meet the needs of students in a rapidly changing and uncertain environment. Since occupations change, disappear, or are absorbed into new multi-skilled ones, it is vital that the education students receive now promotes responsiveness, creativity and develops skills which can be easily transferred into a range of new activities and occupations at a later stage when and if needed. This is the goal of the Bachelor of Arts at Bendigo. It fosters multi-skilling and flexibility.

The Bachelor of Arts at Bendigo offers students a wide choice of subjects. Hence students (subject to regulations and time-tabling) tailor their studies to their own specific needs.

The Bachelor of Arts recognises the following Departmental disciplines and area studies as accredited majors.

History  
 Literature, Film and Art  
 Philosophy and Religious Studies  
 Social Research, Planning and Development  
 Sociology, Politics and Culture

Subject to regulations, quotas and timetable, one major or sub-major from other Schools and Departments may be taken, including.

Accounting  
 Applied Statistics  
 Biology  
 Business Law  
 Chinese Language  
 Computing  
 Economics  
 Environmental Science  
 Geology  
 Human Resource Management  
 Indonesian Language  
 Information Technology  
 Marketing  
 Multimedia  
 Photojournalism  
 Psychology

#### Admission requirements

Students should satisfy the normal University entrance requirements, including a study score of at least 20 in Units 3 and 4 of English.

#### Degree requirements

The Bachelor of Arts is a course requiring the satisfactory completion of 20 semester-length subjects. The program normally takes three years of full-time study to complete, though it can be undertaken by part-time study. To be awarded the Bachelor of Arts a student must.

- pass 20 semester length subjects, of which no more than eight will be at the 100 level, and
- complete two majors (at least one of which may have eight or more subjects), one sub-major (of four subjects) and any four elective subjects which can be structured into the degree in a variety of positions as indicated in the diagram following.
- study at least 12 subjects (including one major and one sub-major) from the list of accredited majors for the Bachelor of Arts.

Students of the Bachelor of Arts can study up to eight subjects in the first year of their full time enrolment and normally no more than six subjects in their second and third years. A diagrammatic representation of the BA program is as follows

Discipline/ level	First major	Second major	Sub- major	Select four Electives
100	1	1	1	Elective
"	2	2	2	Elective
200	3	3	3	Elective
"	4	4	4	Elective
300	5	5	Elective	
"	6	6	Elective	
"	Elective	Elective		
"	Elective	Elective		

#### Definitions

A *major* consists of a sequence of at least six semester-long subjects (or their equivalent) in one discipline/area study. Students are encouraged to develop at least one *augmented major* of eight subjects or more from the list of Departmental majors.

A *sub-major* consists of four semester-long subjects (or their equivalent) in one discipline/area study.

*Elective subjects:* Students may choose four elective subjects to complete the degree in any of the following ways: a major may be extended to an augmented major, the sub-major may be extended to a major, a second sub-major could be completed, or any four free-standing subjects may be undertaken (subject to the limitations on 100 level subjects).

#### Tailoring your degree

One of the most positive features of a *generalist* degree in Arts is the flexibility that it offers in the way a student can structure a course to meet the rapidly changing employment scene. Following are two examples of how a Bachelor of Arts can be packaged.

#### Social and Regional Inquiry

This area of study comprises sequences in Social Research, Planning and Development (SRPD) and Sociology, Politics and Culture (SPC). Each of these sequences equips students with the skills and knowledge required to work in a range of social science professions. SRPD specialises in development planning, social research and applied sociology. Its regional and rural focus make this study sequence distinctive. SPC focuses on the investigation of social phenomena from a variety of theoretical and practical perspectives. Either or both of these sequences is well complemented by a major in History.

#### Studies in Western Traditions

An Arts degree can also be constructed around the Literature Film and Art, and Philosophy and Religious Studies sequences. These sequences focus on the literature, film, art, religion and philosophy of the West and, for example, examine Greek philosophy and mythology, the New Testament, medieval and Renaissance Europe, the Enlightenment and Romantic reactions, and modernism. Students wishing to take this special sequence are encouraged to major in History and to take an augmented major (8 subjects) in either Literature, Film and Art or Philosophy and Religious Studies. This sequence is the normal pathway towards the Bachelor of Arts Honours in Humanities.

#### Links to Postgraduate Study

The Bachelor of Arts can also provide a pathway to specialisation at postgraduate levels in a range of different programs: Graduate Diplomas, Masters by Coursework and Research and PhD at Bendigo - and programs at other Universities. For many careers, specialised skills developed at postgraduate levels are essential; librarianship, urban and regional planning, teaching, journalism, computing, management, recreation and leisure, and counselling. A Graduate Diploma in Arts also exists for graduates wishing to pursue an undergraduate major not previously studied. All the disciplines and area studies of the Bachelor of Arts are available for study within a Graduate Diploma in Arts.

#### Honours

Students are strongly encouraged to consider a fourth year of study in Honours. Honours involves a specialisation which, if successfully completed, enables a pathway to higher degrees and opens up new career opportunities.

<b>History</b>			
<b>Sem.</b>	<b>Subject code</b>		
<i>100 Level</i>			
1 The Transition to Globalism	BH1TRANS	Rural Sociological Issues <sup>1</sup>	BSW23RUR
2 Revolutionary Europe	BH1REV	Understanding the Past <sup>1</sup>	BH23UP
Early European History A <sup>1</sup>	BH1EEHA	Women and Development <sup>1</sup>	BDW23WD
<i>200/300-level</i>		<i>300-level</i>	
1 Australian History 20th Century	BHAU23AT	1 Surveys and Social Life	BSA3SSL
1 History of USA 1607-1877	BH23US	Social Sciences Research Environment <sup>1</sup>	BA3SSRE
2 Development and Change	BHPD23DC	<b>Sociology Politics And Culture</b>	
2 Islam and the West	BPRD23IW	<b>Sem.</b>	<b>Subject code</b>
American Reformers <sup>1</sup>	BHPR3AR	<i>100-level</i>	
Australian History 19th Century <sup>1</sup>	BH23AN	1 Introduction to Sociology, Politics & Culture 101	BSPC101
Australian Labour and the State <sup>1</sup>	BHPAU23	2 Introduction to Sociology, Politics & Culture 102	BSPC102
British History <sup>1</sup>	BH23BH	<i>200/300-level</i>	
Economic History <sup>1</sup>	BHD23ECH	1 Political Sociology	BPS23PS
Medieval World <sup>1</sup>	BHW23MW	1 Sociology of the Landscape	BSPC23SL
Nationalism & Identity <sup>1</sup>	BHDA23NI	2 American Cinema	BLFA23AC
Out West and Down Under <sup>1</sup>	BH23OWDU	2 Macro-Sociology	BSPC23MS
Transported Britons <sup>1</sup>	BH23TB	2 Political Ideologies	BSPC23PI
Understanding the Past <sup>1</sup>	BH23UP	2 Social Research	BSA23SR
<b>Literature Film And Art</b>		2 Sociology of Health and Illness	BS23HI
<b>Sem.</b>	<b>Subject code</b>	Australian Labour and the State <sup>1</sup>	BHPAU23
<i>100-level</i>		Australian Stud 3B: Indigenous Studies <sup>1</sup>	BSS3ASB
1 Classical Literature	BL1CLIT	Australian Welfare State <sup>1</sup>	BPAUSA23
2 Modern Myth in Literature and Film	BLFA1MM	Contemporary Social Issues <sup>1</sup>	BSA23CSI
<i>200/300-level</i>		Development and Change <sup>1</sup>	BHPD23DC
1 Baroque Art	BLFA23B	Engendering Representation <sup>1</sup>	BWS23ER
1 Illness in Literature	BLFA23IL	Knowledge and Gender <sup>1</sup>	BWSA23KG
1 Romantic Movement	BLFA23RM	Nationalism and Identity <sup>1</sup>	BHDA23NI
2 American Cinema	BLFA23AC	Political Interests in Australia <sup>1</sup>	BPAU23AP
2 The Idea of the Classic	BLFA23C	Rural Sociological Issues <sup>1</sup>	BSW23RUR
American Literature <sup>1</sup>	BLFA23AL	Social Theory <sup>1</sup>	BS23ST
Australian & Contemporary Literature <sup>1</sup>	BLFA23AU	Unions and Labour Relations <sup>1</sup>	BPS23PSI
English Language Studies <sup>1</sup>	BLFA23EL	Women and Development <sup>1</sup>	BDWP23WD
Modern Literature <sup>1</sup>	BLFA23ML	<i>300-level</i>	
Philosophy of Work and Art <sup>1</sup>	BLFA23WA	2 Australian Women's Fiction	BLFA3AW
Renaissance Art <sup>1</sup>	BLFA23R	Feminist Film Theory <sup>1</sup>	BWFS3FF
Versions of Pastoral <sup>1</sup>	BLFA23P	Regulation of Sexual Identity <sup>1</sup>	BLFA3SEX
World Cinema <sup>1</sup>	BLFA23WC	Surveys and Social Life <sup>1</sup>	BSA3SSL
<i>300-level</i>		<b>Key:</b> <sup>1</sup> Not available in 2000.	
2 Australian Women's Fiction	BLFA3AW	<b>BACHELOR OF ARTS (HONOURS)</b>	
Feminist Film Theory <sup>1</sup>	BLFA3FF	The honours degree is designed for students who have achieved a high academic standard in a Bachelor of Arts. It is designed to equip students to undertake research at higher levels of study. Students take 2 subjects from a discipline or disciplines in which they have majored and a year-long thesis. The normal duration of the honours program is one year full-time, or two years part-time. Part-time students are required to demonstrate they have the time to pursue study, are able to meet the due dates for submission of written work and can attend scheduled classes (most of which are held during the day). Part-time students are not permitted to take two subjects concurrently.	
Regulation of Sexual Identity <sup>1</sup>	BLFA3SEX	<b>Admission requirements</b>	
<b>Philosophy And Religious Studies</b>		Applicants should have achieved at least a B average in their pass degree course, preferably with several A-grades within their intended honours discipline or area of study. They should possess at least an average B level at the 300 level of the pass degree.	
<b>Sem.</b>	<b>Subject code</b>	Students who expect to meet these entry criteria and who wish to be admitted into the honours program should consult with the Honours Co-ordinator and staff in their academic area about the subjects they may take, the supervisor for their thesis and any other pre-conditions which disciplines or area studies may have.	
<i>100-level</i>		The thesis is a year-long activity and research must begin in the first semester of enrolment. Overall assessment is based on the results of coursework assessment and the thesis. The relative weightings will be 20 per cent for each of the two subjects and 60 per cent for the thesis (12,000 to 15,000 words). Students must not fail any component of the degree.	
1 Introducing Religious Studies	BPR1IRS	<b>Course structure</b>	
2 Greek Mythology	BTPR1GM	For the purposes of HECS, this course is valued at 120 credit points. Combinations of subjects from different disciplines may be possible providing students possess the necessary prerequisites.	
<i>200/300-level</i>		<b>History</b>	
1 Biblical World	BPR23BIB	<b>Sem.</b>	<b>Subject code</b>
1 Enlightenment & Romantic Studies	BTPR23ER	1 Victoria in the 19th Century	BHRH4VRH
1 Philosophy of Religion	BPR23PR	2 History Reading Unit	BH4HRU
2 Islam and the West	BPRD23IW	A History Honours Thesis	BH4THES
2 The Modern Era	BPR23ME	Heritage Studies <sup>1</sup>	BRHH4HS
American Reformers <sup>1</sup>	BHPR3AR	Reform in America <sup>1</sup>	BHPR4AR
Eastern Religion and Philosophy <sup>1</sup>	BPRD23ER	Regional Approaches to History <sup>1</sup>	BRHH4RA
Greek Philosophy <sup>1</sup>	BPR23GP		
Medieval Studies <sup>1</sup>	BTPR23MS		
Philosophy of Work and Art <sup>1</sup>	BLFA23WA		
Renaissance Art <sup>1</sup>	BLFA23R		
<b>Social Research Planning And Development</b>			
<b>Sem.</b>	<b>Subject code</b>		
<i>100-level</i>			
1 Human Impact on the Environment	BG1HEI		
2 Introduction to Applied Social Science	BSR1ASS		
<i>200/300-level</i>			
1 ASEAN: Development Perspectives	BGD23ADP		
1 Social Research	BSA23SR		
2 Development and Change	BHPD23DC		
2 Geographic Info Systems & Planning	BEG23GIS		
2 Sociology of Health & Illness	BSA23HI		
Australian Labour and the State <sup>1</sup>	BHPAU23		
Australian Welfare State <sup>1</sup>	BPAUSA23		
Internship Rural Community Development <sup>1</sup>	BRCD23IN		
Nationalism & Identity <sup>1</sup>	BHDA23NI		

**Political Studies**

1	Social Welfare and the State	BSP4SWS
2	Politics of Environment	BP4ENV
A	Politics Honours Thesis	BP4THES
	Community and Difference <sup>1</sup>	BWP4CD
	Contemporary Political Issues <sup>1</sup>	BP4CPI

**Sociology And Cultural Studies**

1	Applied Social Research	BS4ASR
1	SCS Reading Unit	BS4SRU
1	Social Welfare and the State	BSP4SWS
2	Surveys and Social Life	BSA4SSL
A	SCS Honours Thesis	BS4THES
	Rationality <sup>1</sup>	BS4RAT

**Women's Studies**

2	Australian Women's Film and Lit	BLFA4AW
A	WST Honours Thesis	BW4THES

Key: <sup>1</sup> Not available in 2000.

**BACHELOR OF ARTS (HONOURS) (HUMANITIES)**

This course is designed for students who have achieved a high academic standard in the first three years of their course and who wish to undertake further study in the humanities.

**Admission requirements**

Applicants must have a high standard of achievement in the Bachelor of Arts (Humanities) pass degree or in a pass degree from any other approved institution which, in the opinion of the Arts Honours Degree Committee, is sufficiently weighted towards the humanities. Normally, a student will be expected to have achieved a minimum of two As and seven Bs, with at least three of these results being obtained in core humanities disciplines (studies in Western traditions, history, literature film and art, philosophy and religious studies, or their equivalents at other institutions) at third-year level.

**Degree requirements**

In order to qualify for the degree, the student must satisfy the examiners in all components of the course. Each of the three coursework subjects is weighted at 20 per cent and the dissertation is weighted at 40 per cent.

**Course structure**

For the purposes of HECS this course is valued at 120 credit points. The course comprises three coursework subjects and a research project. Students may take one coursework unit from another honours program with approval of the Honours Co-ordinator. Each student will embark on an individual research project leading to the production of a 10,000 to 12,000 word thesis on a topic negotiated between the student, the Honours Co-ordinator and the potential supervisor. The topic chosen must be one for which the University can provide appropriate library and supervisory resources.

**Studies in Western Traditions**

Sem.		Subject code
1	Rome and Classicism	BT4RC
1	Theology to Philosophy	BT4TP
1&2	WT Honours Thesis	BT4THES
2	Dead Sea Scrolls	BPR4DSS
	Humanities in the Scientific Age <sup>1</sup>	BT4HAS

Key: <sup>1</sup> Not available in 2000.

**BACHELOR OF ARTS (NATURE TOURISM)**

The course combines guiding in the outdoors (bushwalking and canoeing) with a rigorous program of environmental studies and nature tourism. The course features a three-year sequence of environmental studies, nature tourism, education theory about leading and guiding groups in the outdoors, and outdoor and field naturalist practice. Students undertake at least 90 days of practical work, specialist studies in nature tourism, enterprise management and parks and wildlife management. They also take elective studies from other disciplines such as economics, marketing, geography, or biology.

Graduates may gain work as nature guides and planners in the nature tourism industry, land management agencies and in other settings such as school camps and nature centres. They may undertake further training in business (to work as owner operators of nature tourism businesses) or education (to work as environmental studies or school camp teachers).

**Admission requirements**

Students should satisfy the normal University entrance requirements, including a study score of at least 20 in units 3 & 4 of English.

**Special Requirements:**

A Supplementary Information Form for the Bachelor of Arts (Nature Tourism) describing the applicant's outdoor and environmental or field naturalist experiences is required by the closing date. Places in this course are keenly sought after and academic standards are high. Prospective students are advised to consider carefully whether they wish to undertake the specialist nature tourism course at Bendigo, or whether they would be better served by other programs which offer environmental studies/environmental education/tourism and/or outdoor education subjects (such as some physical education, recreation, business or education courses). Students embarking on education courses should be aware that Principals have the authority to exclude people from undertaking teaching experience in their schools if they have an unsatisfactory police record.

**Course structure**

The course is a three-year, full-time program. For HECS purposes the course is valued at 120 credit points per year.

**First year**

Sem.		Subject code
1	Australian Environments	BB01AE
1	Elective 1A (see below)	
1&2	Outdoor Education 1 Practice	BOE1PR
1&2	Outdoor Education Concepts	BOE1CO
2	Elective 1B (see below)	
2	Outdoor Education Environments 1	BOE1OEE

**Second year**

1	Elective 2A (see below)	
1	Outdoor Education 2 NT	BOE2NT
1	Perspectives on Nature	BOE2PN
1&2	Outdoor Education 2 NT Practice	BOE2NTP
2	Elective 2B (see below)	
2	Outdoor Education Environments 2	BOE2OEE
2	Parks and Wildlife Management	BOE2PWM

**Third year**

1	Outdoor Education 3 NT (Teaching)	BOE3NT
1&2	Environmental Interpretation Practice	BOE3EIP
1&2	Environmental Interpretation	BOE3EI
1&2	Field Experience 3NT	BOE3FENT
1&2	Tourism Enterprise Management	TEM3
2	Ecotourism 3	WECOT3
2	Educational Nature Tourism	BOE3ENT

**Sample Electives**

Subjects from other Departments and Schools may be offered subject to agreement on time-tabling

Sem.		Subject code
<b>Elective 1A</b>		
<b>Biology</b>		
2	Biol 110 Biology of Cell and Organism	BB110
<b>Economics</b>		
1	Microeconomics 1	BECOM1
<b>Geography</b>		
1	Introduction to Geography	BG1GEOG
<b>Elective 1B</b>		
<b>Biology</b>		
2	See course co-ordinator	
<b>Economics</b>		
2	Macroeconomics 1	BECOMA1
<b>Geography</b>		
2	Human Environmental Impact	BG1HEI
<b>Elective 2A</b>		
<b>Biology</b>		
1	Biol 207 Ecology	BB1207
<b>Economics</b>		
1	Government and the Economy 2	BECOG2
1	Intermediate Economic Theory 2	BECOIET2
<b>Geography</b>		
1	Resource Management	BGE23RM
<b>Marketing</b>		
1	Introduction to Marketing	BMARKITM
1	Marketing Communications	BMARKMC
1	Marketing Research	BMARKMR
<b>Elective 2B</b>		
<b>Biology</b>		
2	Biol 210 Plant Ecology	BB1210



## Economics

2	Industrial Economics 2	BECOIE2
2	Macroeconomic Controversies 2	BECOMC2

## Geography

2	Historical Geography	BG23HG
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## Marketing

2	Consumer Behaviour	BMARKCB
2	Strategic Marketing	BMARKSM
2	Selling and Sales Management	BMARKSSM

## BACHELOR OF ARTS (OUTDOOR EDUCATION)

The course combines teaching in the outdoors (bushwalking, rock-climbing, cross-country skiing, canoeing and kayaking) with a rigorous program of environmental and outdoor education studies. The academic perspective centres on how knowledge is shaped by new environments and how the environment, in turn, is shaped by our thought and practices. Course content is drawn widely from education, social psychology, environmental studies, cultural studies and social studies of science.

The first year emphasis is on understanding basic concepts in environmental studies and gaining a personal and theoretical understanding of outdoor education as a thoughtful participant.

The second year emphasises a deeper understanding of underlying issues in environmental studies and further development of a personal involvement in, and analysis of, outdoor education. Theory focuses on how small group experiences in the outdoors can provide a critical perspective on the idea of community in modern society, and also explores the idea of leadership.

Third year students pursue in-depth, a theoretical topic in environmental studies and are introduced to teaching it in the outdoors. They gain a theoretical and practical understanding of teaching and evaluation of outdoor education, with particular emphasis on the social construction of knowledge and ecological theories of learning. Students also undertake a minimum of 156 days of practical work over three years.

Graduates from the course are employed by schools, at camps, in outdoor travel and by land management authorities and commercial outdoor companies. Graduates may also go onto the Bachelor of Arts (Honours) and to masters and doctoral study.

### Professional recognition

The Bachelor of Arts (Outdoor Education) has been accepted by Victorian education authorities for recognition as preparation for teaching in primary and secondary schools when combined with a fourth year of study (Graduate Diploma in Education).

### Admission requirements

Students should satisfy the normal University entrance requirements, including a study score of at least 20 in units 3 & 4 of English.

### Special Requirements:

A Supplementary Information Form for the Bachelor of Arts (Outdoor Education) is required by the closing date announced. Special entry applicants, or students who have completed Year 12 more than 12 months prior to application, may be invited to attend a selection interview. Applicants currently in Year 12 will not be interviewed. Special entry applicants may also be required to sit for the Special Tertiary Admissions Test (STAT). On acceptance, all successful applicants must present medical evidence that they are physically fit to undertake course activities.

Approximately 40 places are offered each year in the course. Prospective students are advised to consider carefully whether they wish to undertake the specialist outdoor education course at Bendigo, or whether they would be better served by other programs which offer environmental studies/environmental education and/or outdoor education subjects (such as some physical education, recreation, business or education courses). Students embarking on education courses should be aware that Principals have the authority to exclude people from undertaking teaching experience in their schools if they have an unsatisfactory police record.

### Course structure

The course is a three-year, full-time program. For HECS purposes the course is valued at 120 credit points per year.

#### First year

##### Compulsory subjects

Sem.		Subject code
1	Australian Environments	BOE1AE
1&2	Field Experience 1 (OE)	BOE1FE
1&2	Outdoor Education 1 Concepts	BOE1CO
1&2	Outdoor Education 1 Practice	BOE1PR
2	Outdoor Education Environments 1	BOE1OEE

#### Second year

1	Perspectives on Nature	BOE2PN
1&2	Field Experience 2 (OE)	BOE2FE
1&2	Outdoor Education 2: Community	BOE2C
1&2	Outdoor Education 2: Practice	BOE2PR
2	Outdoor Education Environments 2	BOE2OEE

#### Third year

1&2	Environmental Interpretation	BOE3EI
1&2	Field Experience 3 (OE)	BOE3FE
1&2	Outdoor Education 3: Practice	BOE3PR
1&2	Outdoor Education 3: Teaching	BOE3TG

## BACHELOR OF ARTS (HONOURS) (OUTDOOR EDUCATION)

This course provides a fourth year of theoretical and practical studies for high achieving students. The year has a research focus and is intended to provide a basis for further study at the master's and doctoral levels. In addition to writing an honours thesis, each student must undertake a specialised practical program.

### Admission requirements

Applicants must have achieved highly in a Bachelor of Arts (Outdoor Education), with a performance at B level or equivalent in descriptively assessed subjects having been demonstrated in substantial parts of the course, with an overall average of C or above. Third and second year results are weighted more heavily than first year results. Normally, students will not be permitted to enrol more than two years after completing a pass degree.

### Course structure

The course can be undertaken by full-time study for one year, or part-time study for two years. For the purpose of HECS this course is valued at 150 credit points.

Sem.		Subject code
1	Readings Outdoor Education Honours	BOE4RD
1	Research Methods Outdoor Education Honours	BOE4RM
1&2	Advanced Outdoor Education Practical Honours	BOE4APR
1&2	Outdoor Education Honours Seminar	BOE4SEM
2	Research Project Outdoor Education Honours	BOE4RP

### Regulations

The Chief Examiners has specific responsibility for determining an appropriate degree classification for each candidate based on the weightings of grades allocated to the seminar (20%), readings (20%) and the research project (60%). A candidate must satisfactorily complete the research project in order to graduate. Normally, a candidate who fails to satisfy the Examiners may not be permitted to repeat the course or to write supplementary examinations.

## BACHELOR OF TEACHING/BACHELOR OF EDUCATION

### Course Structure

Degree-level courses offered are.

### BACHELOR OF TEACHING-BACHELOR OF EDUCATION

### BACHELOR OF TEACHING-BACHELOR OF EDUCATION (HONOURS)

### BACHELOR OF TEACHING-BACHELOR OF EDUCATION (LOTE)

### BACHELOR OF TEACHING-BACHELOR OF EDUCATION (SECONDARY)

The Bachelor of Education is a four-year, full-time course, the first three years of which lead to the Bachelor of Teaching. Part-time enrolment is also available. The Bachelor of Teaching partly satisfies the pre-service training requirements for employment in Victorian schools. The current Victorian Department of Education requirement is for four years of pre-service training.

The Bachelor of Education (Honours) is available for students wishing to develop in-depth knowledge of an education discipline, with specific emphasis upon research in the discipline, as a preparation for higher degree studies. Entry requires an average B-grade or better in years two and three of the Bachelor of Teaching.

The Bachelor of Education (LOTE) requires a three year major study in a language other than English, together with a teaching method and teaching practicum. The language study requirements for Bachelor of Education (LOTE) can be completed as a major study in the Bachelor of Teaching course. Students who have not completed VCE Indonesian will be required to complete a one year bridging subject, Indonesian Studies, prior to undertaking the three-year major study. Two languages, Indonesian and Chinese (Mandarin), are currently offered.

### Professional recognition

The Bachelor of Teaching/Bachelor of Education course is recognised by the Victorian Department of Education and the Registered Schools Board in Victoria, for certification and incremental advancement within government and non-government primary schools. It is also recognised in all other Australian states for teaching registration. The Bachelor of Teaching course, when combined with an appropriate Bachelor of Education or other recognised fourth year of study, allows students to gain dual registration. This is to meet the requirements of the Department of Education in Victoria and the Standards Council of the Teaching Profession (SCTP), for primary and secondary school teaching.

### Admission requirements

The Victorian Department of Education now requires a satisfactory Police check for all student teachers undertaking practicum requirements in Department of Education schools. It is expected that equivalent requirements will exist for all other Victorian schools. Students upon first enrolling in this course will be required to complete a Victorian Police consent to check and release Police record form, and pay the required fee. Based on the information provided to the University in 1999, the criminal record check remains valid for the duration of the course.

### BACHELOR OF TEACHING

Applicants must satisfy the University's normal entrance requirements, including a study score of at least 20 in Units 3 & 4 of English. Applicants who have a study score of at least 20 in LOTE will be deemed to have an ENTER up to 3.0 percentage points higher. A special entry provision exists for Aboriginal applicants. Entry by this scheme is subject to an interview, counselling and assessment processes to establish a candidate's potential for success in the course. Applicants should, in the first instance, consult the Co-ordinator of the Aboriginal Tertiary Support Unit.

### BACHELOR OF EDUCATION - FOURTH YEAR

Admission is by direct entry. Applicants who have a Bachelor of Teaching or equivalent qualification are eligible for entry to the fourth year of the course. Applicants who hold qualifications or part qualifications other than those mentioned may be granted credit as determined by the University. Teachers interested in commencing the fourth year should write directly to the Course Co-ordinator, Bachelor of Education.

### BACHELOR OF EDUCATION (HONOURS)

Applicants who currently hold a Bachelor of Teaching or equivalent qualification, with a B-grade average or better in years two and three are eligible for entry to the Bachelor of Education (Honours). Other applicants who consider their qualifications to be equivalent to this requirement, or who have demonstrated a high level of achievement in their profession, may be considered for admission by the Course Co-ordinator.

### BACHELOR OF TEACHING

The Bachelor of Teaching partly satisfies the pre-service training requirements for employment in Victorian schools. The current Victorian Department of Education requirement is for four years of pre-service training.

### Course structure

At each year level students undertake 8 semester subjects from the following groups.

- Studies in learning and teaching (compulsory at each year level);
- Studies in curriculum (compulsory at each year level); and
- Discipline studies

These may be chosen from subjects listed below, or offerings from other schools. Subjects are offered according to student numbers and staff availability. To obtain both primary and secondary registration, students must complete at least the equivalent of two sub-majors in discipline studies (i.e., two sequences of 4 semester subjects). Students are encouraged to develop at least one sequence into a full major (i.e., 6 semester subjects). Students undertake a practicum program which is an integral part of studies in learning and teaching and studies in curriculum.

For purposes of HECS, the course is valued at 120 credit points per year.

Students should note that the first year of the Bachelor of Teaching is available at the Mildura campus, although the range of discipline studies is limited.

### First year

#### Studies in learning and teaching

Sem.	Subject code
1 Theories of Learning	BES1TL
2 Introduction to Teaching	BES1TCH

#### Studies in curriculum

1&2 Literacy Education A	BEE1LEA
1&2 Mathematics Education A	BMA1

#### Discipline studies

1 Australian Political Institutions	BPAU1API
1 Drawing 1	BVD1D1
1 Genres in Children's Literature	BEE1GCL
1 History of Mathematics	BMA1HM
1 Leisure Studies	BPE1LS
1 Music 1A	BMU1A
1 People and Environment 1A	BSE1PEA
1&2 Indonesian Studies	BI100
2 Australian Studies 1B	BSS1ASB
2 History of Children's Literature 1	BEE1HCL1
2 Human Environmental Impact	BG1HEI
2 Introductory Anatomy	BPE1IA
2 Music 1B	BMU1B
2 Painting 100	BFA8PE1
2 Science, Technology and Society	BSE1STS

### Second year

#### Studies in learning and teaching

1 Introduction to Human Development	BES2IHD
2 Studies in Pedagogy and Management	BES2SPM

#### Studies in curriculum

1 Science and Technology Education A	BSE2STEA
2 Health and Physical Education A	BPE2HPEA

#### Discipline studies

1 Australian Studies 2A	BSS2ASA
1 Biomechanics	BPE2BM
1 Ceramics 100	BCE1E1
1 History of Children's Literature 2	BEE2HCL2
1 Indonesian A	BI201
1 Music 2A	BMU2A
1 People and Environment 2A	BSE2PEA
1 Rural Health	BHS8RH2
2 Australian Children's Literature	BEE2ACL
2 Australian Studies 2B	BSS2ASB
2 Contemporary Art Issues	BAE2CAI
2 Exercise Physiology	BPE2EP
2 Geometry and the Computer	BMA2GC
2 Indonesian B	BI202
2 Music 2B	BMU2B
2 People and Environment 2B	BSE2PEB

### Third year

#### Studies in learning and teaching

1 The Context of Learning	BES3CL
2 Issues in Education	BES3IE

#### Studies in curriculum

1 Arts Education A	BAE3AE
1 Literacy Education B	BEE3LEB
2 Mathematics, Science and Technology Education B	BSE3STEB
2 Studies of Society and Environment	BSS3SEA

#### Discipline studies

1 Australian Studies 3A	BSS3ASA
1 Health elective	
1 Indonesian C	BI301
1 Movement Laboratory 1	BPE3ML1
1 Music 3A	BMU3CA
1 Post-Colonial Children's Literature	BEE3PCL
1 Visual arts elective	
2 Australian Studies 3B	BSS3ASB
2 Contemporary Issues in Children's Literature	BEE3CICL
2 Health Elective	
2 Indonesian D	BI302
2 Movement Laboratory 2	BPE3ML2
2 Music 3B	BMU3CB
2 Visual arts elective	

### BACHELOR OF EDUCATION

An additional one year of study after the Bachelor of Teaching leads to the degree of Bachelor of Education, Primary Strand, Bachelor of Education (Honours), Bachelor of Education (LOTE), or Bachelor of Education, Secondary Strand (dual recognition). In the Primary

Strand, candidates must complete 6 semester subjects of study, comprising 2 subjects in education studies, 2 subjects in an advanced curriculum sequence and 2 elective subjects.

For the purposes of HECS this course is valued at 120 credit points and is usually 6 subjects at 20 points each. Students select from:

Sem.		Subject code
<b>Education studies</b>		
1	Communication and Technology	BES5C
1	Gifted Education	BES4GE
1	Helping and Change	BES5HC
1	Interactive Technologies	BES4IT
1	Positive Behaviour Plans	BES5BP
1/2	Education Research Methods 2 <sup>2</sup>	BES4RM2
1/2	Independent Study Program	BES4ISP
1/2	School Improvement and Change	BES4SI
2	Adventures in Education	BES4AE
2	Community Life	BES5CL
2	Media Studies - Primary	BES4MS
2	Multimedia Production	BES4MP
2	Promoting Excellence	BES4PE
2	Vision: Ability and Disability	BES5VAD
2	Working with Families	BES5WF
	Education Business Links 1 <sup>2</sup>	BES3EBL
	Education Business Links 2 <sup>2</sup>	BES4EBL
	Education Research Methods 1	BES4RM1
	Issues in Multicultural Australia <sup>1</sup>	BES41MA
	Issues in Special Education <sup>2</sup>	BES5ISE
	Life in School <sup>1,2</sup>	BES4LS
	Literacy and Diversity <sup>2</sup>	BEE4LAD
	Video Production <sup>1</sup>	BES4VP
<b>LOTE studies</b>		
1	LOTE Teaching Method	BES5LTM
1/2	LOTE Practicum (22 days)	BES5LP
<b>Advanced Curriculum Studies</b> (Subjects may be taken as Sequences or as Electives)		
<b>Art Education</b>		
1	Art Education B1	BAE4AEC1
2	Art Education B2	BAE4AEC2
<b>English Education</b>		
1	Literacy Education C1 (ESL Acquisition Theory)	BES4EAT
2	Literacy Education C2 (ESL for Class Teachers)	BES4ECT
<b>Mathematics Education</b>		
1	Mathematics Education C2	BMA4MC
	Mathematics Education C1 <sup>2</sup>	BMA5ME
<b>Music Education</b>		
1	Music Education B1 (Composition) <sup>1</sup>	BMU4MEB1
2	Music Education B2 (Composition) <sup>1</sup>	BMU4MEB2
<b>Physical Education and Health Education</b>		
1	Adapted Physical Education	BPE4APE
1	Health & Physical Education B1	BPE4HPB1
1	Sports Medicine	BPE4SM
2	Health & Physical Education B2	BPE4HPB2
	Health Education B <sup>1</sup>	BSE4HEB
	Physical Education Pedagogy <sup>1</sup>	BPE4PEP
<b>Science Education</b>		
1	Science and Technology Education C1	BSE4SS
2	Science and Technology Education C2	BSE4ISTE
<b>Social Science Education</b>		
1	SOSE B1 (Aboriginal Education)	BSS4AE
2	SOSE B2 (Australian Studies 4)	BSS4AS
<b>LOTE or Other Approved Major</b>		
1	Indonesian 3	BI301
1	Indonesian 5	BI303
1	Mandarin Chinese C	BCI3MC
2	Indonesian 4	BI302
2	Indonesian 6	BI304
2	Mandarin Chinese D	BCI3MD

Key: <sup>1</sup> Not available in 2000. <sup>2</sup> Vacation school.

### Electives

Electives may be drawn from education studies or curriculum studies subjects listed above or below, or with approval from the Course Co-ordinator, subjects offered in other departments and schools.

1	Independent study program or other approved elective(s)	BES4ISP
<b>LOTE electives</b>		
1	Indonesian 1	BI201
1	Mandarin Chinese A	BCI2MA

In the Secondary Strand, candidates must complete .

- two secondary teaching method subjects (see under Graduate Diploma in Education), or in the case of physical education, physical pedagogy (see above).
- Discipline studies, usually 6 subjects (equivalent to 90 credit points).

Secondary pathways in the Bachelor of Teaching/Bachelor of Education program are currently available in humanities and social sciences, sciences, mathematics, business and LOTE. Secondary physical education and music are not available. Visual arts can be commenced, but requires additional study. Outdoor education is available by enrolling in the Bachelor of Arts(Outdoor Education) course. Apart from physical education and music, each of the above secondary teaching areas can also be studied through specialised degrees at La Trobe University, Bendigo which, when followed by a Graduate Diploma in Education, fulfils the requirements for secondary teaching.

### BACHELOR OF EDUCATION (HONOURS)

An additional one year of study after the Bachelor of Teaching leads to the degree of Bachelor of Education (Honours). Students select 6 subjects from those offered within the Bachelor of Education, but must have 2 subjects from education studies, 2 advanced curriculum study subjects and 2 research methods subjects:

Sem.		Subject code
1	Education Research Methods 1	BES4RM1
2	Education Research Methods 2 <sup>1</sup>	BES4RM2

Key: <sup>1</sup> Assessment is in the form of a 10,000 word minor thesis.

To qualify for the award of Bachelor of Education (Honours), candidates must attain the equivalent of an overall average of C or better. Students achieving below this level, but satisfying all other course requirements, will be awarded the Bachelor of Education (pass degree).

### BACHELOR OF EDUCATION (LOTE)

This strand enables students undertaking studies in education to specialise in a language strand. The course comprises 2 education studies and 4 advanced language components comprising a major study in the language.

- LOTE Teaching Method (see Bachelor of Education)
- LOTE Practicum

Students commencing this course should note that for registration requirements to be met, a full major study in the language is required. All language components can be included within the Bachelor of Education as units additional to degree requirements. Further information can be obtained from the Course Co-ordinator or Language Centre Co-ordinator.

### BACHELOR OF VISUAL ARTS

This course encourages diversification or specialisation in the visual arts in line with contemporary practice. Emphasis is on the development of the student's conceptual development and individual expression supported by technical expertise in a range of media. Studies are selected from two main subject areas 2D & 3D studies (incorporating Painting, Drawing and Ceramics) or Photo Print Media (Photography Printmaking and Multimedia). Photojournalism is an additional subject available to students outside Visual Arts as are all workshop subjects and electives. Studio theory and workshops are augmented by critical studies in Art and Visual Culture throughout the course and Professional Studies in semesters 5 and 6. Students should note that this course is available at the Mildura Campus, however the range of disciplines may be restricted.

### Admission requirements

Applicants must satisfy the University's normal entrance requirements, including a study score of at least 20 in units 3 and 4 of English, or equivalent. It is desirable for all applicants to have undertaken studio arts and/or art. Successful completion of the first year of the TAFE Advanced Certificate in Art and Design is also acceptable. A Diploma of Arts, or equivalent approved qualification, will qualify individuals for entry to the degree course at a level determined by a selection committee. Mature age students will be considered for admission by the selection committee.

### Folio requirements

Applicants must attend for interview, which is conducted in early December, and submit a folio to an interview panel. A statutory declaration confirming that the work is that of the applicant must accompany the folio. The folio should demonstrate the applicant's

aptitude, creativity, sense of design and abilities in a range of media or in a specialist area. It should contain material relevant to the applicant's proposed course of study including finished pieces and preparatory studies. Where possible, students should bring the original artwork but, where size is a constraint, photographs will be considered.

### Course Requirements

The Bachelor of Visual Arts involves three years of full-time study. The course may be undertaken on a part-time basis. For the purposes of HECS, this course is valued at 60 credit points per semester.

### Course structure

First year		Subject code
Sem.		
1	2D & 3D Media Workshop 1	BVA123W1
1	Art & Visual Culture 1	BVA1C1
1	Photo Print Media Workshop 1	BVA1PPW1

Plus one of the following two

1	2D & 3D Studio Theory 1 <sup>1</sup>	BVA123T1
1	Photo Print Media Theory 1 <sup>2</sup>	BVA1PPT1

and

2	Photo Print Media Workshop 2	BVA1PPW2
2	2D & 3D Media Workshop 2	BVA123W2
2	Art & Visual Culture 2	BVA1C2

Plus one of the following two

2	2D & 3D Studio Theory 2 <sup>1</sup>	BVA123T2
2	Photo Print Media Theory 2 <sup>2</sup>	BVA1PPT2

### Second year

1	2D & 3D Media Workshop 3	BVA223W3
1	Photo Print Media Workshop 3	BVA2PPW3
1	Art & Visual Culture 3	BVA2C3
1	Elective	
2	2D & 3D Media Workshop	BVA223W4
2	Photo Print Media Workshop 4	BVA2PPW4
2	Art & Visual Culture 4	BVA2C4
2	Elective	

plus one of the following two (in each semester)

1	2D & 3D Studio Theory 3 <sup>1</sup>	BVA223T3
1	Photo Print Media Theory 3 <sup>2</sup>	BVA2PPT3

and

2	2D & 3D Studio Theory 4 <sup>1</sup>	BVA223T4
2	Photo Print Media Theory 4 <sup>1</sup>	BVA2PPT4

### Third year

1	2D & 3D Media Workshop 5	BVA323W5
1	Photo Print Media Workshop 5 <sup>1</sup>	BVA3PPW5
1	Art & Visual Culture 5	BVA3C5
1	Professional Studies A	BVA3PSA
2	2D & 3D Media Workshop 6	BVA323W6
2	Photo Print Media Theory 6	BVA3PPT6
2	Art & Visual Culture 6	BVA3C6
2	Professional Studies B	BVA3PSB

plus one of the following two (in each semester)

1	2D & 3D Studio Theory 5 <sup>1</sup>	BVA323T5
1	Photo Print Media Theory 5 <sup>2</sup>	BVA3PPT5

and

2	2D & 3D Studio Theory 6 <sup>2</sup>	BVA323T6
2	Photo Print Media Workshop 6	BVA3PPW6

Key: Sequential theory projects are : <sup>1</sup> 2D & 3D Studio and <sup>2</sup> Photo Print Media.

### Studio major

Sequential studies in all or any of the media offered in Studio Theory subjects (2D & 3D Studio Theory or Photo Print Media Studio Theory) from semester 3 constitutes a major study.

Students must complete two electives during the course. These may be selected from within Visual Arts or any other Faculty offerings, subject to prerequisites being met. During formal contact time, teaching will occur in the form of lectures, workshops, technical demonstrations, tutorials, individual consultation and studio practice as dictated by the student's approved, research proposal. Outside of formal contact times, studio technical support staff will be available for technical demonstrations, information and assistance.

### Facilities available

Quality facilities include industry-standard multimedia computing and digital imaging facilities, photographic studios with separate darkrooms for black and white and colour production, extensive painting and drawing studios, intaglio and planographic printmaking studios. There is a ceramics centre with clay preparation plant, wheels, electric, natural gas LPG and wood-fired kilns. Students

have access to studios during week day evenings and at weekends, under the regulations as prescribed by the Head of Visual Arts. A large gallery is maintained with a continuing program of exhibitions.

### Regulations

A student who fails a semester as a whole may retain subjects passed. While it is permissible to take longer than three years to complete the course, any subject failed must be passed on the second attempt in the consecutive semester or year. Any formal written examinations will be moderated. Reconsideration is not possible for Studio Theory subjects where the whole folio is assessed by a panel of examiners.

### Special assessment details

Workshop subjects will be progressively assessed on 3 assignments per semester.

Studio Theory subjects (either Photo Print Media Studio Theory or 2D & 3D Studio Theory) are based on folio assessments which will be assessed by a panel of staff responsible for studio subjects. The examination panel for the final year studio theory assessment includes outside moderators selected for their high standing in visual arts.

### BACHELOR OF VISUAL ARTS (HONOURS)

The Bachelor of Visual Arts (Honours) is intended to foster a spirit of excellence and a strong sense of independent artistic inquiry. It is designed to meet the needs of visual artists who seek a higher intellectual and artistic achievement than is practical at undergraduate level. It addresses these needs at a professional level in practice (studio) and visual art theory and research. The inspiration for the high level of artistic achievement is encouraged by the opportunity to pursue an individual program of study at greater depth in either a technical, theoretical or conceptual component, thus forming the core of their artistic exploration.

### Admission requirements

Upon successful completion of a three-year Bachelor of Visual Arts or equivalent, a candidate may make application to the Postgraduate Studies Co-ordinator, Visual Arts, to undertake the honours program. On receipt by the School Honours Committee of a favourable recommendation from the Honours Selection Panel, the applicants will be admitted to the honours degree, provided they have either;

- achieved an average B-grade (70%+) in the third year of their pass degree, preferably with an A-grade average (80%+) within the applicant's chosen discipline(s) or major area(s) of studio study, *or*
- in exceptional circumstances, and subject to special resolution of the School's Honours Committee, consideration may be given to applicants with outstanding aptitude who do not meet the normal educational qualifications, but whose presence and artistic standing and achievements are deemed to contribute to the stated objectives of the accredited program; *and*
- the applicant produces a detailed study proposal supported by a portfolio of recent work.

All applicants must provide evidence of previous study and creative activity and submit their study proposal with their application. The Bachelor of Visual Arts (Honours) consists of one academic year of full-time study or an equivalent period on a part-time basis. The program is predominantly studio based and is therefore not available for external study.

### Course structure

This is an advanced studio program based upon the candidate's study proposal.

For the purposes of HECS this course is valued at 120 credit points. The course comprises two compulsory and related segments.

Sem.	Subject code
1&2 Studio Practice <sup>1</sup>	BVA4SP
1&2 Research – Visual Art <sup>2</sup>	BVA4RVA

Key: <sup>1</sup>comprising 20 hours per week for 26 weeks, 90 CPs <sup>2</sup>. three hours per week for 26 weeks, 30 CPs.

### Studio major

As for Bachelor of Visual Arts .

### BACHELOR OF VISUAL ARTS (GRAPHIC DESIGN)

This course aims to equip students with the creative and technical skills necessary for employment as a graphic designer in a variety of professional situations. The Bachelor of Visual Arts (Graphic Design) involves three years of full-time study. The full program in all disciplines is available at Bendigo. Students should note that the first two years of this course is available at the Mildura Campus, with the third year being offered on a trial basis in 2000.

Admission requirements

As for Bachelor of Visual Arts – see entry earlier in this section.

Folio requirements

As for Bachelor of Visual Arts.

Course structure

The course is undertaken by full-time study over three years. It may also be undertaken by part-time study after consultation with the Graphic Design Selection Committee. Prospective students should check course details with the Course Co-ordinator prior to enrolment. All subjects are compulsory.

For the purposes of HECS this course is valued at 120 credit points per year.

First year

Sem.	Subject code
1 Applied Design 1	BVA1AD1
1 Art & Visual Culture 1	BVA1C1
1 Design Studies 1	BVA1D1

Plus one of the following two

1 2D & 3D Media Workshop 1	BVA123W1
1 Photo Print Media Workshop 1	BVA1PPW1

2 Applied Design 2	BVA1AD2
2 Art & Visual Culture 2	BVA1C2
2 Design Studies 2	BVA1D2

Plus one of the following two

2 2D & 3D Media Workshop 2	BVA123W2
2 Photo Print Media Workshop 2	BVA1PPW2

Second year

1 Applied Design 3	BVA2AD3
1 Art & Visual Culture 3	BVA2C3
1 Design Studies 3	BVA2D3

1 Elective	
2 Applied Design 4	BVA2AD4
2 Art & Visual Culture 4	BVA2C4
2 Design Studies 4	BVA2D4
2 Elective	

Third year

1 Applied Design 5	BVA3AD5
1 Art & Visual Culture 5	BVA3C5
1 Design Studies 5	BVA3D5
1 Professional Studies A	BVA3PSA
2 Applied Design 6	BVA3AD6
2 Art & Visual Culture 6	BVA3C6
2 Design Studies 6	BVA3D6
2 Professional Studies B	BVA3PSB

Students must complete two electives during the course. These may be selected from within visual arts or any other Faculty offerings, subject to prerequisites being met. During staff-student engagement time, teaching will occur in the form of lectures, workshops, technical demonstrations, tutorials, individual consultation and studio practice as dictated by the student's approved, research proposal.

When staff are not present outside of formal engagement times, studio technical support staff will be available for technical demonstrations, information and assistance. From semester four onwards, studies are built upon specific studio components and developed through sustained studio practice and independent research.

Studio major

As for Bachelor of Visual Arts.

Facilities available

Facilities for graphic design include large design studios with individual work stations, colour and monochrome dark rooms and photography studios equipped with electronic flash and access to industry standard image formats including high resolution digital cameras. A computer graphics and digital design laboratory is furnished with 35 high-end Macintosh computers, CD burners, scanners and a Media 100 digital video editing suite. Bureau quality digital printing is available on site.

Regulations

As for Bachelor of Visual Arts.

Special assessment details

As for Bachelor of Visual Arts.

BACHELOR OF VISUAL ARTS (HONOURS) (GRAPHIC DESIGN)

The Bachelor of Visual Arts (Honours) (Graphic Design) is intended to foster a spirit of excellence and a strong sense of independent artistic inquiry. It is designed to meet the needs of designers who seek a higher intellectual and artistic achievement than is practical at an undergraduate level. It addresses these needs at a professional level in graphic design practice (studio) and visual art (design) theory and research. Consistent with the rationale of fostering a sense of independent artistic inquiry, the program provides an opportunity for graduates to explore a specific genre within graphic design (designated by themselves in an approved study program), in a manner not possible with the more generalised requirements of an undergraduate program.

Admission requirements

As for Bachelor of Visual Arts (Honours).

Course structure

As for Bachelor of Visual Arts (Honours).

The coursework requires substantial study of theoretical topics, providing a foundation for praxis. Studio practice will be based upon the candidate's study plan. All individual studio teaching strategies will be based on this study plan.

Studio major

As for Bachelor of Visual Arts (Honours).

Electives for all Visual Arts disciplines

Sem.	Subject code
1 2D & 3D Media Workshop 1 (Painting Drawing Ceramics)	BVA123W1
1 2D & 3D Media Workshop 3 (Painting Drawing Ceramics)	BVA223W3
1 Applied Design 1	BVA1AD1
1 Applied Design 3	BVA2AD3
1 Art & Visual Culture 1 <sup>1</sup>	BVA1C1
1 Art & Visual Culture 3 <sup>1</sup>	BVA2C3
1 Art & Visual Culture 5 <sup>1</sup>	BVA3C5
1 Ceramics 100 <sup>2</sup>	BEC1E1
1 Ceramics 300 <sup>2</sup>	BEC2E3
1 Glaze Technology 1	BVA1GT1
1 History of Art: pastoral	BHA12P
1 Multimedia Elective 1 <sup>1</sup>	BFA1MM1
1 Multimedia Elective 3 <sup>1</sup>	BFA1MM3
1 Photo Print Media Workshop 1 (Photography, Printmaking, Multimedia)	BVA1PPW1
1 Photo Print Media Workshop 3(Photography, Printmaking, Multimedia)	BVA2PPW3
1 Photojournalism 1	BFA1J1
1 Photojournalism 3	BFA2J3
1 Photojournalism 5	BFA3J5
1 Printmaking 100 <sup>2</sup>	BFA9PM1E
1/2 Illustration: graphic design	BGD8IPE
2 2D & 3D Media Workshop 2 (Painting Drawing Ceramics)	BVA123W2
2 2D & 3D Media Workshop 4 (Painting Drawing Ceramics)	BVA223W4
2 Applied Design 2	BVA1AD2
2 Applied Design 4	BVA2AD4
2 Art & Visual Culture 2 <sup>1</sup>	BVA1C2
2 Art & Visual Culture 4 <sup>1</sup>	BVA2C4
2 Art & Visual Culture 6 <sup>1</sup>	BVA3C6
2 Ceramics 200 <sup>2</sup>	BEC1E2
2 Ceramics 400 <sup>2</sup>	BEC2E4
2 Glaze Technology 2	BVAGT2
2 History of Art: classic	BHA12C
2 Multimedia Elective 2	BFA1MM2
2 Multimedia Elective 4	BFA1MM4
2 Photo Print Media Workshop 2 (Photography, Printmaking, Multimedia)	BVA1PPW2
2 Photo Print Media Workshop 4 (Photography, Printmaking, Multimedia)	BVA2PPW4
2 Photojournalism 2	BFA1J2
2 Photojournalism 4	BFA2J4
2 Photojournalism 6	BFA3J6
2 Printmaking 200 <sup>2</sup>	BFA8PM2E
2 Renaissance Studies	BTFR23RS

Key: <sup>1</sup> These electives are not available to BVA students. <sup>2</sup> These electives are under review and there are likely to be changes to these offerings during the year.

## School of Health and Human Sciences

### BACHELOR OF BEHAVIOURAL SCIENCE

This program is offered at the Bendigo Campus by the Faculty of Science, Technology and Engineering. Students requiring further information can contact the Psychology Office at the Bendigo campus on (03) 5444 7440.

The Bachelor of Behavioural Science is a coherent program of study in psychology and other subjects considered central to a broad education in behavioural science.

As well as completing a major in psychology, students study other subjects which also relate to the biological and social aspects of behaviour. The course prepares students for further study and professional training in a range of areas of psychology, including clinical and health psychology and can lead to careers in education, personnel, management and research.

Psychology involves conducting research with human participants. As part of their course, BBS students are expected to engage in such research, at times collecting data from others and at times as volunteer participants in research. However, students are always given the choice about being participants in any particular research study.

It is important to emphasise that the degree does not qualify a graduate to work as a psychologist. Further education, training and supervised experience is required for registration as a professional psychologist with the Psychologists Registration Board of Victoria and also for membership of the Australian Psychological Society (APS).

#### Course structure

The Bachelor of Behavioural Science is normally undertaken in three years of full-time study, but can be completed on a part-time basis. Students intending to study part-time should note that this means enrolling in a lesser work-load, rather than studying after-hours, as subjects are not available as evening classes.

The pass degree requires at least 360 credit points, consisting of 120 credit points accrued from subjects taken at each of the first, second and third year levels.

#### First year

Sem.		Subject code
1	Elective	
1	Elective	
1	Introduction to Psychology	BPY111
1	Life Science 1	BB1LS1
2	Elective	
2	Elective	
2	Introduction to Psychology	
2	Life Science 2 <sup>1</sup>	BB1LS2

Key: <sup>1</sup>This subject can be substituted with Human Ecology and Health (BHS1HEC).

Students must complete a minimum of 120 credit points in first year but not exceeding 140 credit points.

#### Second year

1	Behavioural Science 2A	BPY211
1	BIOL205 Excitable Cells and Endocrine Systems	BB1205
1	Elective*	
2	Behavioural Science 2B	BPY212
2	Elective	
2	Elective*	

Students will be required to complete 60 credit points per semester, which could mean the selection of 2 subjects.

#### Third year

1	Behavioural Science 3A	BPY311
1	Elective	
2	Behavioural Science 3B	BPY312
2	Elective	

Students will be required to complete a minimum of 120 credit points in third year, but must not exceed 140 credit points.

### BACHELOR OF BEHAVIOURAL SCIENCE (HONOURS)

Students who perform at a consistently high standard may be invited to undertake a further year of psychology study in Psychology Honours PYS40HON (120 credit points), which is a prerequisite for most postgraduate courses of study. Following the successful completion of the honours year, these students will graduate with a Bachelor of Behavioural Science (Honours). The honours course is presently offered only at the Bundoora campus.

### BACHELOR OF HEALTH SCIENCES (NURSING STUDIES)

*This course will not be accepting commencing students from the Year 2000. Commencing students should refer to the Bachelor of Nursing entry.*

This course is for registered nurses who wish to upgrade a certificate or diploma qualification to degree level. Graduates are eligible to undertake further nursing studies at graduate certificate, graduate diploma, postgraduate diploma or masters level. Graduates can expect employment in a range of health care settings, including acute care hospitals, extended care facilities, community and occupational health settings and as private practitioners, educators and administrators.

#### Admission requirements

The course is only available to nurses holding a certificate or a diploma in nursing. Current registration as a Division 1 registered Nurse or its equivalent in the State in which clinical practice will be undertaken is required. A minimum of the equivalent of six months of full-time clinical practice as a registered nurse may be required. Student places are limited and quotas may apply.

#### Course structure

This course is currently only offered on a part-time basis and comprises four semesters of part-time study. Students must select at least four subjects from the designated core subjects and another four subjects from the remaining core subjects and the electives and, in consultation with the Course Coordinator, from other degree-level subjects for which the student meets the prerequisites.

For the purposes of HECS this course is valued at 120 credit points.

#### Core subjects

Sem.		Subject code
1/2	Secondary Practice A	BHS2SPA
1/2	Contemporary Health Care	BHS4CHC
1/2	Contemporary Nursing	BHS4CNU
1/2	Law and Ethics in Health	BHS2LEH
1/2	Nursing Administration	BHS4NAD
1/2	Nursing and Teaching	BHS4NAT
1/2	Nursing Management	BHS4NM
1/2	Nursing Project	BHS4NUP
1/2	Nursing Research	BHS4NUR

#### Electives

1/2	Nursing Education	BHS4NED
1/2	Occupational Health	BHS4OCH
1/2	Readings in Nursing	BHS4RIN

### BACHELOR OF NURSING

The Bachelor of Nursing prepares graduates to assume beginning level general registered nurse positions across the wide spectrum of contexts in which nursing is practiced. The Bachelor of Nursing is a pass degree comprising 360 credit points and utilising a process oriented curriculum structure supported by an issue based learning style. This teaching and learning approach aims to develop practitioners who are life long learners and who possess the ability to link theory and practice in order to exercise considered judgement. In this curriculum the opportunity to develop independent critical thinking skills is supported by learners engaging in self-directed learning and working with actual case studies to explicate common practice-based issues which stimulate learning.

#### Professional recognition

Graduates are eligible to apply for registration through the Nurses Board of Victoria on the Division 1 Register.

#### Admission requirements

In addition to satisfying the University's general entrance requirements, students must have a study score of at least 20 in Units 3 and 4 of English. Students who hold current registration as Division 1 Registered Nurse will be considered for entry. Such students will be required to complete 8 subjects designated from the Bachelor of Nursing program.

#### Course structure

The three years of the course are designed using primary health care principles as the guiding philosophy. The principles of primary health care have as their basis, an understanding of the social, environmental and behavioural determinants of health and illness. These concepts are introduced to the students in the first nursing subject and are developed throughout the course. Concepts from the behavioural and biological sciences, shaped by the knowledge of nursing, are presented in discrete subjects in the first and second years and integrated in all nursing subjects throughout the course.



**First year**

Sem.		Subject code
1	Health Systems 1	BHS1HS1
1	Life Science 1	BB11LSA
1	Nursing: An Introduction to Professional Practice	NU11PP2
1	Psychology Studies A	BHS1PHP
2	Health Assessment	NU11HAL
2	Health Sociology A	BHS1SSB
2	Human Ecology & Health	BHS1HEH
2	Life Science 2	BB11LS2

**Second year**

1	Life Science 3 <sup>1</sup>	BB12LS3
1	Nursing Research <sup>1</sup>	BHS4NUR
1	Secondary Nursing Care A <sup>1</sup>	BHS2SNA
1	Secondary Practice A <sup>1</sup>	BHS2SPA
2	Elective <sup>1</sup>	
2	Public Health Nursing <sup>1</sup>	BHS2PHN
2	Secondary Nursing Care B <sup>1</sup>	BHS2SNB
2	Secondary Practice B <sup>1</sup>	BHS2SPB

Key: <sup>1</sup> Subjects currently under review for 2001.

**Third year**

1	Health Social Science <sup>1</sup>	BHS3HSS
1	Law and Ethics in Health <sup>1</sup>	BHS2LEH
1	Tertiary Nursing Care <sup>1</sup>	BHS3TNC
1	Tertiary Practice <sup>1</sup>	BHS3TPR
2	Comprehensive Nursing <sup>1</sup>	BHS3CPN
2	Comprehensive Practice <sup>1</sup>	BHS3COP
2	Elective	
2	Elective	

Key: <sup>1</sup> Subjects currently under review for 2002.

**Electives**

Please note: not all electives will be offered in 2000

1/2	Advanced Medication Management	BHS8AMM
1/2	Cancer Nursing	BHS8CAN
1/2	Clinical Readings: Comprehensive Care	BHS8CRC
1/2	Clinical Readings: Secondary care	BHS8CRS
1/2	Clinical Readings: Tertiary Care	BHS8CRT
1/2	Community Psychiatric Care	BHS8CPE
1/2	Complementary Practices	BHS8CMP
1/2	Family Nursing	BHS8FAN
1/2	Palliative Care	BHS8PAL
1/2	Parameters of Psychiatric Care	BHS8PPC
1/2	Substance Use in Society	BHS8SUB
1/2	Women's Health	BHS8WMH
2	Infection and Immunity	BHS8II
2	Neuro-Science Nursing	BHS8NSN
2	Psychiatric Experience	BHS8PEX
2	Stress Management	BHS8STM
2	Transcultural Nursing	BHS8TRN

**Clinical experience**

Nursing practicum subjects are offered throughout the course to complement theory and to establish skill competency. To meet the registration requirements of the Nurses Board of Victoria, students must satisfactorily achieve a range of competencies in the area of clinical practice. Clinical practicum is offered in a range of metropolitan and rural settings and undertaken either as single days or block experience of single to multiple weeks of experience. Students will be required to complete a compulsory police check before undertaking practical placements with most government agencies.

**BACHELOR OF NURSING (GRADUATE ENTRY – 2 YEAR PROGRAM)**

*This course will offer a transition program at the Bendigo Campus in 2000, with the full new program being offered from 2001. Students who commence in 2000 will complete years 2 and 3 of the current Bachelor of Nursing program.*

The course is designed for students who already hold an Australian Bachelor's degree, in a discipline other than nursing and who wish to add the Bachelor of Nursing as a second degree. This course is not available for current Year 12 students or other applicants without a degree.

**Admission requirements**

Successful completion of an Australian Bachelor's degree or equivalent. Applicants without a background in human bioscience will be required to undertake approved preliminary studies.

**Course Structure**

Students will enter the second year of the three year Bachelor of Nursing program and will study concurrently with these students. Refer to the course structure for the Bachelor of Nursing for the course structure and subject details.

**BACHELOR OF NURSING (HONOURS)**

The Bachelor of Nursing (Honours) enhances career opportunities for nurses in specific areas of nursing research and practice. The Bachelor of Nursing (Honours) also provides a career pathway for those students seeking an academic, research or clinical speciality area of practice such as a clinical nurse specialist, nursing project officer, nurse educator, research assistant or nurse academic. It also provides an opportunity for continuing postgraduate studies leading to masters and doctoral degrees.

Information regarding Honours Year Awards which consist of employment, graduate year options and full/part-time studies may be found in the *Awards* section at the front of this Handbook.

**Admission requirements**

Students who have maintained a B-grade average or above in the third year of a Bachelor of Nursing course are eligible to apply for admission. Level of achievement in Australian Nursing Council Incorporated (ANCI) clinical competencies will be taken into consideration during the selection process. Normally students must enrol within two years of completing the requirements for the Bachelor of Nursing.

**Course structure**

The course must normally be completed in one to two years of full-time study.

For the purposes of HECS this course is valued at 120 credit points.

Sem.		Subject code
1	Critical Thinking	BHS5CRT
1	Nursing Knowledge	BHS5NUK
1	Research Colloquium	BHS4REC
2	Research Dissertation	BHS4RED

**BACHELOR OF NURSING SCIENCE**

This is a new four-year full-time degree course, commencing in the year 2000. The course will prepare graduates to assume beginning level registered nurse (RN) responsibilities across the wide spectrum of contexts in which nursing is practiced. Graduates from this course will by virtue of a stronger science base, increased clinical experience and enhanced research preparation, be prepared to assume practice roles in a broad range of settings.

**Professional Recognition**

Graduates are eligible to apply for registration through the Nurses' Board of Victoria on the Division 1 Register.

**Admission Requirements**

In addition to satisfying the University's normal entrance requirements, students will require a study score of at least 25 in Units 3 and 4 English plus a study score of a least 20 in one of biology, chemistry, mathematics (any) or physics. International applicants and those whose principal language of educational instruction was other than English: an IELTS score of at least 6.5.

**Course Structure**

The Bachelor of Nursing Science is a pass degree comprising 480 credit points (honours is available as a separate strand, commencing in third year) and utilises a process oriented curriculum structure supported by an issue based learning style. This teaching and learning approach aims to develop practitioners who are life long learners and who possess the ability to link theory and practice in order to exercise independent judgement. In this curriculum the opportunity to develop independent critical thinking skills is supported by learners engaging in self-directed learning and working with actual case studies to explicate common practice-based issue which stimulate learning. The four years of the course are designed using primary health care principles as the guiding philosophy. The principles of primary health care have as their basis, an understanding of the social, environmental and behavioural determinants of health and illness. These concepts are introduced to the students in the first nursing subject and are developed throughout the course. Concepts from the behavioural and biological sciences, shaped by the knowledge of nursing, are presented in discrete subjects in the first and second years and integrated in all nursing subjects throughout the course. A range of therapeutic skills is developed throughout the course but in the final semester students will have the opportunity to work exclusively in the practice setting to consolidate their prior learning and undertake clinical research projects. The clinical program consists of 41 weeks of clinical experience.

For the purpose of HECS this course is valued at 480 credit points.

**First Year**

Sem.	Subject code
1 Life Science 1	BB1LS1
1 Health Systems 1	BHS1HS1
1 Psychology Studies A	BHS1PHPA
1 Nursing: An Introduction to Professional Practice	NU1IPP
2 Life Science 2	BB1LS2
2 Health Assessment	NU1HAL
2 Human Ecology and Health	BHS1HEH
2 Health Sociology A	BHS1HAS

The first year of the course will be offered in 2000. Final approval of the second, third and fourth years is currently being sought. Students should consult the course coordinator or School office for further information.

**Clinical Experience**

Nursing practicum subjects are offered throughout the course to complement theory and to establish skill competency. To meet the registration requirements of the Nurses Board of Victoria, students must satisfactorily achieve a range of competencies in the area of clinical practice. Clinical practicum is offered in a range of metropolitan and rural settings and undertaken either as single days or block experience of single to multiple weeks of experience. Students will be required to complete a compulsory police check before undertaking practical placements with most Government agencies.

**BACHELOR OF NURSING/BACHELOR OF PUBLIC HEALTH**

The Bachelor of Nursing/Bachelor of Public Health double degree is a course that combines studies in nursing and public health, and offers several options for specific streams of study, i.e. *Health Promotion/Health Education* or *Environmental Health*. This combined degree provides graduates with qualifications that prepare them for modern health care practice that seek graduates who can work flexibly across hospital care, community care, illness prevention, health promotion and education. In particular, for positions that require a combination of clinical and public health skills and knowledge. This is a four year full-time course (or part-time equivalent) that requires successful completion of both theoretical and clinical experience subjects.

**Professional Recognition**

Graduates of the double degree are eligible to apply for registration through the Nurses Board of Victoria, on the Division 1 Register. Graduates are also eligible for membership of the Public Health Association of Australia.

**Admission Requirements**

In addition to satisfying the University's general entrance requirements students must have – a study score of at least 25 in Units 3 & 4 English and a study score of at least 20 in one of mathematics (any), biology, chemistry or physics. International applicants and those whose principal language of education instruction was other than English: an IELTS score at least 6.5. Provision will be made for recognition of prior study and experience.

**Course Structure**

This is a four year full-time course that requires successful completion of 540 credit points of study. All students are required to complete core subjects in nursing and public health (including clinical practice) that enable registration with the Nurses' Board of Victoria as a Division 1 Registered Nurse, plus elective subjects and approved public health stream specific subjects. Interwoven throughout the curriculum is clinical practicum of 1435 hours undertaken in a variety of settings. At the beginning of the course, students experience a higher degree of on-campus learning compared to the fourth year where most of their time is spent learning in the off-campus clinical setting.

**First year**

Sem.	Subject code
1 Communication Skills	BHS1CS
1 Health Systems 1	BHS1HS1
1 Life Sciences 1	BB1LS1
1 Nursing: An Introduction to Professional Practice	NU1IPP
1 Psychology Studies A	BHS1PHPA
2 Health Assessment	NU1HAL
2 Health Sociology A	BHS1SSB
2 Human Ecology and Health	BHS1HEH
2 Life Sciences 2	BB1LS2

**Second year**

1 Life Sciences 3 <sup>1</sup>	BB12LS3
1 Nursing Research <sup>1</sup>	BHS4NUR

1 Public Health Principles <sup>1</sup>	BHS3PH
1 Secondary Nursing Care A <sup>1</sup>	BHS2SNA
1 Secondary Nursing Practice A <sup>1</sup>	BHS2SNB
2 Health Behaviour Change <sup>1</sup>	BHS8HBC
2 Health Education <sup>1</sup>	BHS5HED
2 Public Health Nursing	BHS3PHN
2 Secondary Nursing Care B <sup>1</sup>	BHS2SNB
2 Secondary Practice B <sup>1</sup>	BHS2SPB

Key: <sup>1</sup>These subjects are under review for 2001.

**Third year**

1 Environmental Health <sup>1</sup>	BHS3EH
1 Law & Ethics in Health <sup>1</sup>	BHS2LEH
1 Tertiary Nursing Care <sup>1</sup>	BHS3TNC
1 Tertiary Practice <sup>1</sup>	BHS3TPR
2 Elective	
2 Field Experience 2 <sup>1</sup>	BHS3FE
2 Health Promotion <sup>1</sup>	BHS3HP
2 Health Systems Policy <sup>1</sup>	BHS2HSP
2 Rural Health <sup>1</sup>	BHS8RH2

Key: <sup>1</sup> These subjects are under review for 2002.

**Fourth year**

1 Approved Elective	
1 Clinical Speciality	BHS4CNS
1 Epidemiology	BHS2EP
1 Health Psychology B	BHS1PHPB
1 Health Social Science	BHS3HSS
1 Public Health Research 2	BHS2PHR2
2 Comprehensive Nursing	BHS3CPN
2 Comprehensive Practice	BHS3COP
2 Two approved electives	

**Electives**

An approved elective list, suitable to the double degree program, will be advised.

**Clinical Experience**

To meet the registration requirements of the Nurses Board of Victoria, students must satisfactorily achieve a range of competencies in the area of clinical practice. Clinical practicum and field experience is offered to students as either a single day experience or block experience of one to five weeks. Students will be required to complete a compulsory police check before undertaking practical placements with most Government agencies.

**BACHELOR OF PUBLIC HEALTH**

The Bachelor of Public Health is a flexible, innovative degree program which offers graduates a strong foundation for a considerable number of career paths. Broadly, public health teaches students about the social and environmental factors that cause ill health as well as those factors that sustain and create good health. Depending on the degree combination selected and the majors and sub-majors studied, graduates find work in Local, State or Federal government, community health, general practice divisions or from the wide range of health organisations and research centres.

Students enrolled in the full three year Bachelor of Public Health take foundation subjects in their first year in life sciences, social sciences, research and public health systems. They then select majors and sub-majors which provide specialised knowledge in environmental health or health promotion/health education. Students can combine studies in public health with another degree such as nursing, arts, teaching, computing, behavioural science or applied science. The degree may be awarded as a three year pass degree, as a double degree with the Bachelor of Nursing and as a degree with Honours. To enter the honours year, a student must normally have completed the requirements for the three year degree with academic results of a high standard. Graduates may consider postgraduate studies in research or any of the specialist areas provided by postgraduate diplomas, such as community health, health management, psychology, occupational health and safety, teaching, social work, epidemiology, the arts, rehabilitation and gerontology.

**Professional Recognition**

Following successful completion of the course, students may be eligible for membership of organisations such as the Public Health Association of Australia. Students completing the Environmental Health major stream may be eligible for Membership of the Australian Institute of Environmental Health.

**Admission Requirements**

In addition to satisfying the University's normal entrance requirements, students must have a study score of at least 25 in Units 3 & 4

of English and four studies (taken as Units 1 & 2 and/or Units 3 & 4), from health & human development, physical education, psychology, science, chemistry, mathematics (any), , biology, physics, legal studies, environmental studies, information technology, or media. Students with existing qualifications and work experience will be considered on an individual basis and given credits according to their study background. Application for advanced standing should be made direct to the Registrar at La Trobe University, Bendigo by October 31, 1999. Late applications may be accepted on the approval of the course authority and payment of the appropriate fee.

Course Structure

In the first year of the course, students are required to complete the eight core subjects. In the second and third years of the course, students are required to complete eight subjects per year as per the program structures listed below. Students may select electives from a wide range of course specific subjects offered in the Bachelor of Public Health and may pursue subjects of interest in any school of the university, if they meet the prerequisites and have the approval of the course coordinator. Students will be required to complete a compulsory police check before undertaking practical placements with most government Departments. For the purpose of HECS this course is valued at 360 credit points.

First year – Common

Sem.		Subject code
1	Communication Skills	BHS1CS
1	Health Systems 1	BHS1HS1
1	Life Sciences 1	BB11LS1
1	Psychology Studies A	BHS1PHP
2	Health Psychology B	BHS1PHPB
2	Health Sociology	BHS1HSA
2	Human Ecology and Health	BHS1HEH
2	Public Health Research 1	BHS1PHR

Programs of Study

The following is designed to assist students planning their course of study at second and third year levels. The programs give a broad view of the areas of study which are available. Some subjects at second and third year level have prerequisites. Students should carefully check prerequisites when planning their course of study.

Environmental Health

Sem.		Subject code
1	Environmental Health	BHS3EH
1	Field Experience 1	BHS2FE
1	Public Health Principles	BHS3PH
1	Public Health Research 2	BHS2PHR2
2	Elective	
2	Food Science: Essentials	BBIFSE
2	Health Education	BHS5HE
2	Health Systems Policy	BHS3HSP

Third year

1	Elective	
1	Epidemiology	BHS2EP
1	Program Development	BHS8AH
1	Water Science: Essentials	BBIWSE
2	Elective	
2	Environmental Law	BLAWEL
2	Field Experience 2	BHS3FE
2	Research Project (PH)	BHS8RPR

Health Promotion and Health Education

Second Year

1	Environmental Health	BHS3EH
1	Field Experience 1	BHS2FE
1	Public Health Principles	BHS3PH
1	Public Health Research 2	BHS2PHR2
2	Elective	
2	Health Education	BHS5HE
2	Health Systems Policy	BHS2HSP
2	Public Health Nutrition	BHS3PHN

Third year

1	Elective	
1	Epidemiology	BHS2EP
1	Law and Ethics	BHS2LEH
1	Program Development	BHS3PDI
2	Elective	
2	Field Experience 2	BHS3FE
2	Health Promotion	BHS3HP
2	Rural Health	BHS8RH2

Electives

Electives may be chosen from the list below or selected from elsewhere in the University, with the approval of the Course Co-ordinator. Electives are offered subject to sufficient enrolments.

1	Aboriginal Health	BHS8AH
1	Health Behaviour Change	BHS8HBC
1	Primary Health Care	BHS4PHC
2	Ageing in the Community	BHS8AC
2	Health Informatics	BHS2HII
2	Organisation Management	BHS3OM

BACHELOR OF PUBLIC HEALTH (HONOURS)

This course builds on the theory and practice of Public Health and is designed to develop skills in independent research, providing a basis for further studies at a Masters and Doctoral level.

Admission requirements

Students should have completed and obtained a B average in public health. Students from other degree programs wishing to pursue a career in public health may qualify for advanced standing in the pass degree and should apply to enrol prior to graduation from their first course, to ensure that they have a public health major suitable for entry to the honours program. Students who expect to meet the entry criteria must submit a 300 word description of their proposed research project with their application. This should be discussed with the Course Coordinator before submitting the application. The thesis is a year long project and students should be prepared to begin this work early in the year.

Course structure

For HECS purposes this course is valued at 120 credit points. This is a one-year full-time course.

Sem.		Subject code
1	Health Issues	BHS6HIS
1&2	Thesis (PH)	BHS4TH
2	Elective	
2	Research Methods	BHS6RM

BACHELOR OF SOCIAL WORK (FOUR YEARS)

The Bachelor of Social Work (Four years) is an undergraduate course enabling students to undertake a mix of theoretical, practical and field-based studies. This reflects the nature of social work within contemporary society. Students undertaking this course will develop the knowledge, values and skills appropriate to understanding the needs commonly experienced by individuals, families, groups and communities and the appropriate responses for aiding personal and social adjustment. The degree prepares students to practice in a wide range of social work roles, including direct service, research, administration and social policy and planning. Study areas include social welfare history, social work practice methodologies, socio-personal systems, community organisation, research methods, social policies and programs and field studies.

The curriculum of the course is based on a philosophy of social justice, and is taught within an adult-learning model. Students are encouraged to relate their relevant experiences to the theories and practice knowledge presented in the program.

Admission requirements

In addition to satisfying the general entry requirements of the University, students must have a study score of at least 20 in Units 3 and 4 of English. All applicants except those completing a current Year 12, must provide the required Supplementary Information specified in the application materials available from the relevant campus. Some applicants may be required to attend for interview. Attendance at a course information session is also recommended.

Clinical Placement

Students will be required to complete a compulsory police check before undertaking practical placement with most government departments.

Course Structure

Students are required to undertake a course of studies equivalent to that listed below. Electives, subject to approval, may be chosen from the complete range of subject offered on the campus where a student is enrolled. For the purpose of HECS this course is valued at 120 credit points per year.

First Year

Sem.		Subject code
1	Introduction to Psychology 101	BPY101
1	Introduction to Sociology, Politics & Culture 101	BSPC101
1	One elective	

1	Social Work 1A: Introduction To Social Work & Social Welfare	SW1ISAB
2	Introduction to Psychology 102	BPY102
2	Introduction to Sociology, Politics & Culture 102	BSPC102
2	One elective	
2	Social Work 1B: Structural Bases of Poverty and Inequality	SW1SPIB

**Second Year**

1	One elective	
1	Rural Sociological Issues	BSW23NUR
1	Social Work 2A: Individual and Social Contexts of Social Work Practice	SW2ISPB
1	Social Work 2B: Helping Professions and Social Work	SW2HPSB
2	One elective	
2	Social Work 2C: Organisational Contexts and the Diversity of Social Work Practice	SW2OCDB
2	Social Work 2D: Applied Social Work Research	SW2SWRB
2	Sociology subject	

**Third Year**

1	One elective	
1	Social Work 3B: Social Work Practice with Individuals, Families and Groups	SW3IFGB
1	Social Work 3C: Social Work Practice in Social Development and Policy Contexts	SW3SDPB
2	Social Work 3D: Social Work Practice in Legal, Ethical and Rights Contexts	SW3LERB
2	Social Work 3E: Social Work Practice Specialisations	SW3SWSB
2	Social Work 3F: Social Work Practicum 1	SW3FWPB

*Students may be selected into Bachelor of Social Work (Honours) after the end of the third year, based on grades achieved in that year of study. Refer to the Bachelor of Social Work (Honours) entry below*

**Fourth Year**

1&2	Fields of Practice 2	15622B
1&2	Knowledge of Practice	15621B
1&2	Social Work 4A: Program Design, Management and Social Work Practice <sup>1</sup>	SW4PDMB
1&2	Social Work 4C: Social Work Practice in Social Development and Policy Contexts <sup>1</sup>	SW4SDPB
1&2	Social Work 4F: Social Work Practicum 2 <sup>1</sup>	SW4FWPB
1&2	Social Work Field Education 2 (includes 14 week placement)	15623B
1&2	Social Work Theory and Practice	15620B
1&2	Social Work:4B: Social Work Practice with Individual, Families and Groups <sup>1</sup>	SW4IFGB
1&2	Social Work:4D: Final Year Integration Project <sup>1</sup>	SW4FIPB

Key: 1 Not available in year 2000.

**BACHELOR OF SOCIAL WORK (TWO YEAR)**

*This course is not available to current Year 12 students.*

The Bachelor of Social Work (Two years) is a course enabling students with at least two years of approved tertiary studies to undertake a mix of theoretical, practical and field-based studies. Students undertaking this course will develop an understanding of their practice in terms of ideas about individuals, groups and communities, a knowledge of how society works and the value commitments of the profession.

The degree prepares students to practice in a wide range of social work roles, including direct service, research, administration and social policy and planning. Study areas include social welfare history, social work practice methodologies, socio-personal systems, community organisation, research methods, social policies and programs and field studies.

**Admission requirements**

The course is offered as a two-year (graduate entry) degree for applicants with at least two years of approved tertiary study. Advanced standing may be offered to suitably qualified applicants. Non-residents of Australia need to apply separately.

**Clinical Placement**

Students will be required to complete a compulsory police check before undertaking practical placement with most government departments.

**Course Structure**

Students are required to undertake a course of studies equivalent to that listed below. For the purpose of HECS this course is valued at 120 credit points per year.

**First Year (third year of the four year degree)**

Sem.		Subject code
1	Social Work 3A: Conceptualisations of Social Work and Social Welfare	SW30CSWB
1	Social Work 3B: Social Work Practice with Individuals, Families and Groups	SW3IFGB
1	Social Work 3C: Social Work Practice in Social Development and Policy Contexts	SW3SDPB
2	Social Work 3D: Social Work Practice in Legal, Ethical and Rights Contexts	SW3LERB
2	Social Work 3E: Social Work Practice Specialisations	SW3SWSB
2	Social Work 3F: Social Work Practicum 1	SW3FWPB

**Second Year (fourth year of the four year degree - 2000)**

1&2	Fields of Practice 2	15622B
1&2	Knowledge of Practice	15621B
1&2	Social Work Field Education 2 (includes 14 week placement)	15623B
1&2	Social Work Theory and Practice	15620B

**Second Year (fourth year of the four year degree - 2001)**

1	Social Work 4A: Program Design, Management and Social Work Practice	SW4PDMB
1	Social Work 4C: Social Work Practice in Social Development and Policy Contexts	SW4SDPB
1	Social Work:4B: Social Work Practice with Individual, Families and Groups	SW4IFGB
2	Social Work 4E: Social Work Practice Specialisation	SW4SWSB
2	Social Work 4F: Social Work Practicum 2	SW4FWPB
2	Social Work:4D: Final Year Integration Project	SW4IPB

**BACHELOR OF SOCIAL WORK (HONOURS)**

Students will be selected into this degree after the end of third year, based on grades achieved in that year of study. Successful applicants will be required to complete the following subjects in the fourth year.

1	Social Work 4A: Program Design, Management and Social Work Practice	SW4PDMB
1	Social Work 4C: Social Work Practice in Social Development and Policy Contexts	SW4SDPB
1	Social Work:4B: Social Work Practice with Individual, Families and Groups	SW4IFGB
2	Social Work 4F: Social Work Practicum 2	SW4FWPB
A	Social Work 4G Honours Project <sup>1</sup>	SW4HONB

Students will also be required to attend classes for Social Work 4E: Social Work Practice Specialisation as a hurdle requirement for this course.

Key: <sup>1</sup>Students will be required to write a Honours thesis which is to be submitted by the end of November in the fourth year.

**School of Management, Technology and Environment****BACHELOR OF APPLIED SCIENCE**

The degree of Bachelor of Applied Science is designed to lead students to full professional competence for employment in commerce, industry, administration, government and education, while developing analytical skills, critical thinking and skills in experimental design and the clear communication of ideas and information. Major studies can be selected from.

Biochemistry  
Biotechnology and microbiology  
Chemistry  
Computing  
Environmental science  
Food science  
Geology  
Group Research  
Instrumentation  
Mathematics  
Medical laboratory science  
Physiology

In recognition of the needs of society and industry for specialists in particular fields (such as geology or medical laboratory science), as well as for scientists who are well acquainted with complementary disciplines (such as chemistry and computing), the course is designed to allow students to select specialised studies in a single field or to combine major studies in different fields.

**Professional recognition**

Major study sequences have been designed to meet specific professional requirements where these exist. The course provides the basis for the entry of graduates into higher degree programs and is a

suitable base qualification for a teaching career in science. With the appropriate selections of subjects, the Victorian Directorate of School Education requirements can be met for specialist teaching in biology, chemistry, computer science, environmental studies, geology, mathematics, physics or science. Applied science graduates of high standing may proceed to a Bachelor of Applied Science (Honours) and thence to masters or doctoral research.

### Admission requirements

In addition to satisfying the general entry requirements of the University, students must have a study scores of at least 20 in Units 3 and 4 of English and two of chemistry, mathematical methods, physics, or biology. Students who have not satisfactorily completed Year 12 studies in mathematics, chemistry or physics may be required to complete basic studies in the appropriate subject or subjects as part of their course.

### Advanced standing

Applications for advanced standing are considered on an individual basis. Full credit is given for tertiary studies in relevant disciplines unless particular subjects to be undertaken in this course have special entry requirements which have not been met by those studies.

### Degree requirements

Candidates must fulfil the following requirements.

- The student must pass subjects having an aggregate value of not less than 360 credit points.
- First year – Eight subjects from the First Year list must be completed. Students who have not completed chemistry, mathematics (calculus) or physics at Year-12 to a standard deemed appropriate by the course coordinator may be required to include specified subjects.
- Second and third years – At least two approved minor sequences (comprising not less than 45 credit points each) and at least one approved major sequence (comprising not less than 60 credit points) must be completed. No subject may be counted towards both minors, but the course coordinator may approve the substitution of one subject in a minor by a related subject.
- At least 90 credit points must be obtained from subjects in the Third Year list.
- No more than 165 credit points may be counted for subjects (including elective subjects) which are normally taken at first year level.
- Elective subjects may be chosen from any course, subject to the approval of the Course coordinator.
- A student may not enrol in subjects with an aggregate value of more than 60 credit points in any semester, except with permission from the Course coordinator.
- The Course coordinator may approve variations to these rules in exceptional circumstances.

### Course structure

The course can be undertaken by full-time study for three years or equivalent part-time study.

The course structure is defined by the rules and year levels set out below and the details of the approved major and sub-major study sequences. Each subject has a credit point value of 15 unless otherwise indicated. The normal load for one semester is 60 credit points. Specialist studies are taken in the second and third years. Students must take at least one major study sequence and have the option of taking a second major as well, or supplementing the single major with elective subjects in one or more disciplines. Enrolments in particular subjects may be limited by quotas, the availability of subjects in particular academic sessions, or timetable constraints. The semester in which each subject is offered may be changed without notice.

#### First year

Sem.	Subject code
1	Applied Calculus
1	Australian Environments
1	Calculus 1
1	Chem102 General Chemistry
1	Chem110 Chemistry 1A
1	Elec110 Electronics
1	Geol120 Materials Geology
1	Group Research 1A Science and Society
1	Phys110 Physics 1A
1	Programming Environment
1/2	Programming Concepts
1/2	Scientific Computing
1/2	Statistical Methods
2	Biol110 Biology of Cell and Organism
2	Calculus 2
	BMATHAPC
	BB01AE
	BMATHCA1
	BCH102
	BCH110
	BEL110
	BGL120
	BGR1A
	BPH110
	BITPEN
	BITPCO
	BITSCI
	BMATHSTM
	BB1110
	BMATHCA2

2	Chem120 Chemistry 1B	BCH120
2	Data Structures	BITDST
2	Geol110 Earth Science	BGL110
2	Group Research 1B: Communication of Science	BGR1B
2	Phys102 General Physics	BPH102
2	Phys120 Physics 1B	BPH120

Only one subject from each of the following pairs may be credited towards the degree.

Programming Concepts and Scientific Computing  
 Programming Environment and Scientific Computing  
 Calculus 1 and Applied Calculus  
 Computer Fundamentals and Scientific Computing  
 Computer Fundamentals and Programming Concepts  
 Statistical Methods and Mathematical Statistics 1

#### Second year

Sem.	Subject code
1	Biol201 Biomolecules
1	Biol203 Introduction to Microbiology
1	Biol205 Excitable Cells and Endocrine Systems
1	Biol207 Ecology
1	Calculus 3
1	Chem202 Energy and Change
1	Chem205 Environmental Chemistry
1	Computer Fundamentals
1	Elec203 Digital and Circuit
1	Experimental Design
1	Geol201 Petrography
1	Geol205 Geological Techniques
1	Group Research 2A: Interaction between Science Technology and Society
1	Inst207 Materials Characteristics
1	Mathematical Statistics 1
1	Operations Research
1	Water Science: Essentials
1/2	Computer Networks
1/2	Data Structures
2	Biol202 Intermediary Metabolism
2	Biol204 Microbial Ecology & Systematics
2	Biol206 Organ System Physiology
2	Biol210 Plant Ecology
2	Chem201 Organic Concepts
2	Chem203 Instrumental Analysis A
2	Chem204 Inorganic Chemistry <sup>1</sup>
2	Data Communications
2	Database
2	Discrete Mathematics
2	Elec204 Signal Processing
2	Environmental Law
2	Food Science Essentials
2	Forecasting
2	Geol203 Petrology
2	Geol206 Sedimentary Sequences
2	Group Research 2B History & Philosophy of Science <sup>4</sup>
2	Inst204 Microprocessor Systems
2	Mathematical Statistics 2
2	Object Oriented Programs
	BGR2A
	BIN207
	BMATHMS1
	BMATHOPR
	BBIWSE
	BITCNE
	BITDST
	BB1202
	BB1204
	BB1206
	BB1210
	BCH201
	BCH203
	BCH204
	BITDCO
	BITDBA
	BMATHDIS
	BEL204
	BLAWEL
	BBIFSE
	BMATHFOR
	BGL203
	BGL206
	BGR2B
	BIN204
	BMATHMS2
	BITOOP

#### Third year

Sem.	Subject code
1	Artificial Intelligence
1	Biol301 Clinical Biochemistry
1	Biol303 Principles of Biotechnology
1	Biol305 Mind and Movement
1	Biol307 Pathology
1	Chem302 Chemical Dynamics
1	Chem303 Instrumental Analysis B
1	Computer Architecture 1
1	Geol304 Economic Geology B
1	Geol306 Environmental Geomorphology <sup>3</sup>
1	Group Research 3A The Use of Model Theories and Experiments in Science <sup>4</sup>
1	Inst305 Scientific Instrumentation
1	Inst307 Interfacing
1	Introduction to Geographic Information Systems <sup>3</sup>
1	Numerical Mathematics
1	Probability
1	Quality Control
1	Sci330 Communicating Science
1/2	Science310 Project
1/2	Topics in Mathematics
2	Algebra <sup>1</sup>
	BITARI
	BB1301
	BB1303
	BB1305
	BB1307
	BCH302
	BCH303
	BITCA1
	BGL304
	BGL306
	BGR3A
	BIN305
	BIN307
	BITGIS
	BMATHNM
	BMATHPRB
	BMATHQUC
	BSC330
	BSC310
	BMATHTIM
	BMATHALG

2	Biol302 Molecular Biology	BBI302
2	Biol304 Applications of Biotechnology	BBI304
2	Biol306 Oxygenation, Blood and Exercise	BBI306
2	Chem304 Colloid and Polymer Chemistry <sup>1</sup>	BCH304
2	Chem305 Pollution and Waste Management <sup>2</sup>	BCH305
2	Chem309 Organic Synthesis	BCH309
2	Complex Analysis	BMATHCOM
2	Computer Architecture 2	BITCA2
2	Elec304 Hybrid Systems	BEL304
2	Geol301 Economic Geology A	BGL301
2	Geol305 Exploration Studies	BGL305
2	Geol308 Soil Science <sup>3</sup>	BGL308
2	Group Research 3B: Final Project <sup>4</sup>	BGR3B
2	Inst306 Electron Microscopy	BIN306
2	Linear Algebra <sup>2</sup>	BMATHLA
2	Sci350 Environmental Case Studies	BSC350
2	Systems Software	BITSYS
2	Topics in Statistics	BMATHTIS

Key: <sup>1</sup> Available only in even-numbered years. <sup>2</sup> Available only in odd-numbered years. <sup>3</sup> Available as third-year level for Environmental Sciences major only. <sup>4</sup> Worth 30 credit point.

### Recommended combinations of major studies

Although it is not necessary to complete two majors, many students will wish to do so. Students are advised to consult the course coordinator for recommended combinations of majors. Some combinations are impractical because of timetable constraints, or the number of subjects required as prerequisites, and although a particular pair of major sequences may form an impractical combination, it may be possible to include individual subjects from the second major as electives in the student's program.

### Approved major and minor study sequences

The schedules below list the requirements for each major and minor study sequence. Students wishing to attempt the major are required to complete the subjects listed in both the minor and major sequence.

#### Biochemistry

The core units of the biochemistry major address metabolic processes and their control at the enzymic and genetic levels. Clinical and industrial applications are studied. The first-year subjects needed are BBI110, BCH110, BCH120.

Minor	Subject code
1 Biol201 Biomolecules	BBI201
2 Biol202 Intermediary Metabolism	BBI202
2 Chem201 Organic Concepts	BCH201
Major	
1 Biol301 Clinical Biochemistry	BBI301
2 Biol302 Molecular Biology	BBI302

#### Choose two of the following:

1 Biol303 Principles of Biotechnology	BBI303
1 Biol305 Mind and Movement	BBI305
2 Biol304 Applications of Biotechnology	BBI304
2 Biol306 Oxygenation, Blood and Exercise	BBI306
2 Chem309 Organic Synthesis	BCH309

#### Biotechnology and microbiology

In this major the student will undertake a study of biological systems (especially microbial) in their commercial exploitation, with special emphasis on applications in the fermentation industry and in the treatment of waste water. The first-year subjects needed are BBI110, BCH110, BCH120.

Minor	Subject code
1 Biol201 Biomolecules (needed for BBI202)	BBI201
1 Biol203 Introduction to Microbiology	BBI203
2 Biol202 Intermediary Metabolism	BBI202
2 Biol204 Microbial Ecology & Systematics	BBI204

Major	
1 Biol303 Principles of Biotechnology	BBI303
2 Biol304 Applications of Biotechnology	BBI304

#### Choose two of the following:

1 Biol301 Clinical Biochemistry	BBI301
1 Biol305 Mind and Movement	BBI305
2 Biol302 Molecular Biology	BBI302
2 Biol306 Oxygenation, Blood & Exercise	BBI306

#### Chemistry

The chemistry major elaborates the fundamental theories and concepts of chemistry as well as their application in specific natural and industrial systems. The first-year subjects needed are BCH110, BCH120, BMATHCAI (or BMATHAPC).

Minor	Subject code
<i>Choose three of the following:</i>	
1 Chem202 Energy and Change	BCH202
2 Chem201 Organic Concepts	BCH201
2 Chem203 Instrumental Analysis A	BCH203
2 Chem204 Inorganic Chemistry <sup>1</sup>	BCH204

#### Major

1 Chem302 Chemical Dynamics	BCH302
1 Chem303 Instrumental Analysis B	BCH303
2 Chem309 Organic Synthesis	BCH309

#### Choose one of the following:

2 Chem304 Colloid and Polymer Chemistry <sup>1</sup>	BCH304
2 Chem305 Pollution & Waste Management <sup>2</sup>	BCH305

Key: <sup>1</sup> Available only in even numbered years. <sup>2</sup> Available only in odd numbered years.

#### Computing

A major sequence in computing is available for students who wish to study computing in a scientific context. It provides a sound basis for the use and programming of computers, with emphasis on scientific and technical, rather than commercial applications. The first-year subjects needed are BITPCO, BITDST, (BITPEN is also needed for those students without VCE Information Technology subjects).

Minor	Subject code
1 Computer Fundamentals	BITCFU
1 Data Communications	BITDCO
1/2 Data Structures <sup>1</sup>	BITDST
2 Object Oriented Programs	BITOOP

Key: <sup>1</sup> Needed if BITPEN Programming Environment taken in first semester.

#### Major

##### Choose three of the following:

1 Artificial Intelligence	BITARI
1 Computer Architecture 1	BITCA1
1 Computer Networks	BITCNE
2 Computer Architecture 2	BITCA2
2 Database	BITDBA
2 Systems Software	BITSYS

Discrete Mathematics is a prerequisite for Computer Architecture 1 and may be needed if prior studies in mathematics do not exist. Other computing subjects from the Bachelor of Computing or Graduate Diploma in Computing courses may be counted towards the major, subject to the approval of the course coordinator.

#### Environmental science

An introduction to biological, chemical and geological processes of importance in the environment, as well as legal, political and social aspects of environmental issues. The first-year subjects needed are BBO1AE, BGL110, BCH110, BMATHSTM.

Minor	Subject code
1 Biol207 Ecology	BBI207
1 Chem205 Environmental Chemistry	BCH205
2 Biol210 Plant Ecology	BBI210

#### Major

2 Geol308 Soil Science	BGL308
2 Science350 Case Studies	BSC350

#### Choose two of the following:

1 Geol306 Environmental Geomorphology	BGL306
1 Introduction to Geographic Information Systems	BITGIS
2 Chem305 Pollution & Waste Management	BCH305
2 Environmental Law	BLAWEL

#### Food Science

A major in food science applying aspects of biochemistry, microbiology, biotechnology and chemistry to ensure a safe, nutritious and tasty food supply. The first-year subjects needed are BBI110, BCH110, BCH120, BMATHSTM.

Minor	Subject code
1 Biol201 Biomolecules	BBI201
1 Biol203 Introduction to Microbiology	BBI203
1 Chem203 Instrumental Analysis A	BCH203
2 Food Science: Essentials	BBIFSE

#### Also needed for progression to the major are:

2 Biol202 Intermediary Metabolism	BBI202
2 Biol204 Microbial Ecology and Systematics	BBI204

#### Major

1 Biol301 Clinical Biochemistry	BBI301
1 Biol303 Principles of Biotechnology	BBI303



1 Biol307 Pathology	BBI307
1 Chem303 Instrumental Analysis B	BCH303

**Geology**

Geology is the study of the Earth and Earth materials in a planetary context. Geologists examine the origin, composition and distribution of rocks, minerals and fossils and determine Earth history and the dynamics of past and present processes. The first-year subjects needed are BGL110, and BGL120.

Minor	Subject code
1 Geol201 Petrography	BGL201
1 Geol205 Geological Techniques	BGL205

Choose one of the following (all four subjects are needed for the major):

2 Geol203 Petrology	BGL203
2 Geol206 Sedimentary Sequences	BGL206

**Major**

1 Geol301 Economic Geology A	BGL301
1 Geol306 Environmental Geomorphology	BGL306
2 Geol304 Economic Geology B	BGL304
2 Geol305 Exploration Studies	BGL305

Satisfactory completion of approved field work is required for the minor and the major. Practical classes and field work are an essential and compulsory part of the geology major. A compulsory ten day field camp will be held during the first mid-semester vacation as are two, three-day field classes extending over weekends. Transport is provided for the excursions. Accommodation and meal costs are the responsibility of students.

**Group Research**

This group of subjects requires groups of students to choose a topic of interest to them (the problem), formulate the research question and then investigate this question and present their findings as detailed in the subject descriptions. It aims to enable students to understand the role of science and its disciplines, work effectively as part of a team, communicate scientific information effectively (verbally and in writing) and take responsibility for their own learning. First year subjects needed are BGR1A and BGR1B.

Minor	Subject code
1 The Interaction between Science, Technology and Society	BGR2A
2 History and Philosophy of Science	BGR2B

**Major**

1 The Use of Model Theories and Experiments in Science	BGR3A
2 Final Project	BGR3B

**Instrumentation**

A major study of applied physics, electronics, microprocessors and measurement theory and their application to the design and manufacture of scientific and medical instrumentation. The first-year subjects needed are BEL110, BPH110, BPH120, BITPCO (or BITSCI), and BMATHSTM (or BMATHSM1).

Minor	Subject code
Choose three of the following	
1 Elec203 Digital and Circuit	BEL203
1 Inst207 Materials Characteristics	BIN207
2 Elec204 Signal Processing	BEL204
2 Inst204 Microprocessor Systems	BIN204

Note that all four second-year subjects are needed as prerequisites for third year subjects.

**Major**

1 Inst305 Scientific Instrumentation	BIN305
1 Inst307 Interfacing	BIN307
2 Elec304 Hybrid Systems	BEL304
2 Inst306 Electron Microscopy	BIN306

**Mathematics**

The mathematics major emphasises both pure mathematics and statistics. Pure mathematics provides students with a strong theoretical basis for future development in their careers while statistics equips them for jobs with a wide variety of employers. The first-year subjects needed are BMATHCA1 and BMATHCA2.

Minor	Subject code
1 Calculus 3	BMATHCA3
1 Mathematical Statistics 1	BMATHMS1
2 Mathematical Statistics 2	BMATHMS2

**Major**

2 Linear Algebra	BMATHLA
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Choose three of the following:

1 Numerical Maths	BMATHNM
1 Probability	BMATHPRB
1/2 Topics in Mathematics	BMATHTIM
2 Algebra	BMATHALG
2 Complex Analysis	BMATHCOM

**Medical laboratory science**

A major study in mammalian physiology, biochemistry and histology, both normal and pathological, together with relevant instrumentation and quality assurance. This sequence provides professional training in medical laboratory science as practised in hospital and veterinary diagnostic laboratories. The first-year subjects needed are BBI110, BCH110, BCH120.

Major	Subject code
1 Biol301 Clinical Biochemistry	BBI301
1 Biol307 Pathology	BBI307
2 Biol302 Molecular Biology	BBI302
2 Biol306 Oxygenation, Blood and Exercise	BBI306

Note: There is no minor in medical laboratory science. BBI201, BBI202, BBI203, BBI204, BBI205 and BBI206 are prerequisites for third year. BCH201 and BMATHSTM are recommended for professional recognition.

**Physiology**

A major study in mammalian physiology with emphasis on aspects of human physiology which underlie paramedical professions. The first-year subjects needed are BBI110, BCH110, BCH120.

Minor	Subject code
1 Biol201 Biomolecules	BBI201
1 Biol205 Excitable Cells and Endocrine Systems	BBI205
2 Biol206 Organ System Physiology	BBI206

**Major**

1 Biol305 Mind and Movement	BBI305
2 Biol306 Oxygenation, Blood and Exercise	BBI306

Choose one of the following:

1 Biol301 Clinical Laboratory	BBI301
1 Biol307 Pathology	BBI307

Choose one of the following:

1 Biol301 Clinical Laboratory	BBI301
1 Biol303 Principles of Biotechnology	BBI303
1 Biol307 Pathology	BBI307
1 Chem205 Environmental Chemistry	BCH205
2 Biol302 Molecular Biology	BBI302

**BACHELOR OF APPLIED SCIENCE (HONOURS)**

The Bachelor of Applied Science (Honours) provides specialised education in selected fields of science and introduces students to the principles and practices of research in preparation for postgraduate study or advanced professional employment. Honours programs may be taken in biological sciences, chemistry, geology and instrumentation. Many employers of scientists in high level positions prefer honours graduates because of their intensive training, especially in research skills. Honours degrees are the normal entry requirement for postgraduate research study, and the basis for competition for postgraduate research scholarships.

**Admission requirements**

A pass degree (three year) in Bachelor of Applied Science or equivalent in an appropriate discipline with a high standard of achievement, especially in the final year. Normally students will not be permitted to enrol more than two years after completing a pass degree.

**Course structure**

The course may be undertaken by full-time study for one year or part-time study for two years. It consists of an individual research project and advanced coursework. The research component is weighted between 50% and 75% of the total program, depending on the discipline. It is conducted under the supervision of one or more members of the academic staff. The student is required to submit a written report and to give at least one seminar presentation on the research project. The coursework comprises lecture series or directed reading programs on specialist topics in the discipline and a common subject on the management of research programs. Some coursework subjects may be shared with science honours courses in other institutions.

**BACHELOR OF APPLIED SCIENCE/BACHELOR OF BUSINESS**

This double-degree course offers major studies in both science and business disciplines.

### Admission requirements

In addition to satisfying the general entry requirements of the University, students must have a study score of at least 20 in Units 3 and 4 of English and a study score of at least 20 in two of chemistry, mathematical methods, physics, or biology. Students who have not satisfactorily completed Year 12 studies in mathematics, chemistry or physics may be required to complete basic studies in the appropriate subject or subjects as part of their course.

### Course structure

The course is taken on a four-year, full-time basis. Part-time study is not available. The course emphasises flexibility. To graduate with both degrees, students must complete subjects with credit points equal to or exceeding 540 (135 per year for HECS purposes). Most subjects contribute 15 points. Because of the wide variety of major studies available in both the applied science and business degrees, each student's program will be tailored according to their choices. However all major studies require the completion of a high proportion of compulsory subjects.

In order to qualify for admission to the degree of Bachelor of Applied Science via the double degree program, a candidate must fulfil the following requirements.

- Science subjects having an aggregate value of not less than 285 credit points must be passed.
- One major science strand must be completed together with two minor strands.

#### First year

At least 90 credit points must be passed from the approved science subjects. Students who have not completed chemistry, mathematics (calculus) or physics at year 12 to a standard deemed appropriate by the course coordinator, may be required to include specified subjects in those disciplines.

#### Second year

At least 90 credit points must be passed from the approved science subjects, including two approved minor sequences (comprising not less than 45 credit points). No subject may be counted towards both minors, but the course coordinator may approve the substitution of one subject in a minor by a related subject.

#### Third year

At least 75 credit points must be passed from the approved science subjects, including one approved major strand (comprising not less than 60 credit points). Further information on approved minor and major sequences and subjects within the various levels can be found in the Bachelor of Applied Science course entry in this handbook.

In order to qualify for admission to the degree of Bachelor of Business via the double degree program, a candidate must fulfil the following requirements.

- Business subjects having an aggregate value of not less than 285 credit points must be passed.
- One major strand from the Bachelor of Business program must be completed together with all compulsory subjects.

Two appropriate subjects may be deemed part of both the business and applied science degrees. Further information on the available Applied Science and Business strands can be found with the single degree course details.

### BACHELOR OF APPLIED SCIENCE/BACHELOR OF COMPUTING

This double degree program combines the Bachelor of Applied Science with the Bachelor of Computing. The course is taken over four years and enables students to undertake an in-depth study of both computing and a chosen discipline in applied science.

### Admission requirements

In addition to satisfying the general entry requirements of the University, students must have a study score of at least 20 in Units 3 and 4 of English and a study score of at least 20 in two of chemistry, mathematical methods, physics, or biology. Students who have not satisfactorily completed Year 12 studies in mathematics, chemistry or physics may be required to complete basic studies in the appropriate subject or subjects as part of their course.

### Course structure

Students will undertake five subjects each semester in the first and second year of the course and four subjects each semester in the third and fourth years of the course. To qualify for admission to the degree of Bachelor of Applied Science via the double degree program a candidate must complete 18 subjects and fulfil the following requirements.

#### First year

All prerequisite subjects for second and third year subjects must be completed.

#### Second Year

At least 90 credit points must be passed from the approved second year science subjects including two approved sub-major sequences chosen from the list given above (each comprising not less than 45 credit points). No subject may be counted towards both sub-majors, but the course coordinator may approve the substitution of one subject in a sub-major by a related subject.

#### Third year

At least 75 credit points must be passed from the approved list of third year science subjects, including one major sequence (comprising not less than 60 credit points). For HECS purposes the course is valued at a total of 540 credit points with each subject worth 15 credit points.

#### First year

Sem.		Subject code
1	Computer Fundamentals	BITCFU
1	Programming Environment	BITPEN
1	Three Applied Science subjects	
2	Discrete Mathematics	BMATHDIS
2	Information Systems	BITINF
2	Programming Concepts	BITPCO
2	Two Applied Science subjects	

#### Second year

1	Data Structures	BITDST
1	Information Systems Development	BITISD
1	Three Applied Science subjects	
2	Three Applied Science subjects	
2	Two Computing subjects	

#### Third year

1	Two Applied Science subjects	
1	Two Computing subjects	
2	One Applied Science subject	
2	Three Computing subjects	

#### Fourth year

1	Two Applied Science subjects	
1	Two Computing subjects	
2	One Applied Science subject	
2	Three Computing subjects	

#### Other Computing subjects

1	Artificial Intelligence	BITARI
1	Computer Architecture 1	BITCA1
1	Computer Networks	BITCNE
1	Expert Systems	BITEXS
1	Industry Experience A	BITIEA
1	Introduction to Geographic Information Systems	BITGIS
1	Major Project Part 1	BITMP1
1	Software Development Environments	BITSDI
1/2	Minor Project	BITMIP
2	Business Programming	BITBUS
2	Computer Architecture 2	BITCA2
2	Data Communications	BITDCO
2	Database	BITDBA
2	Emerging Topics in Information Technology	BITETI
2	Graphics Programming	BITGRP
2	GUI Programming	BITGUP
2	Industry Experience B	BITIEB
2	Information Systems Methodologies	BITISM
2	Information Systems Practice	BITISP
2	Major Project Part 2	BITMP2
2	Object Oriented Programs	BITOOP
2	Software Engineering	BITSOE
2	Software Systems	BITSYS
2	Web Development	BITWDE
2	Web Engineering	BITWEN

When choosing the Applied Science subjects, students should use the schedules under the course outline for the Bachelor of Applied Science.

### Industry-based learning

A limited number of scholarships are offered for students to undertake an industry-based learning component. The program is normally available only to students who have completed two full years of study. Each industry-based learning subject is undertaken full-time for half a year and is equivalent to two of the twenty four subjects required for the awarding of the degree. Further details can be obtained from the industry-based learning coordinator.

## BACHELOR OF ENGINEERING/BACHELOR OF APPLIED SCIENCE

The course combines studies in civil or environmental management engineering with selected majors in the Applied Science degree. The course aims to produce multi-skilled graduates capable of applying a diverse range of knowledge and abilities to the analysis and solution of problems and to decision making, as well as to provide a course of study which enables students to meet educational entry requirements of appropriate professional associations in engineering and science. This course also aims to make available, especially to residents of central and northern Victoria, a qualification combining the strengths of a degree in civil or environmental management engineering with specialised studies in recognised science disciplines.

### Admission Requirements

In addition to satisfying the general entry requirements of the University, students must have a study scores of at least 20 in each of Units 3 and 4 of English, mathematical methods and physics.

### Career Opportunities

As well as career opportunities associated with each of the single degrees, double degree graduates may be able to access areas of employment which require expertise in both engineering and applied science. Examples of employment areas where the double degree would be an obvious advantage are:

#### Civil Engineering coupled with studies in:

- mathematics or computing, providing graduates particularly suited to engineering design positions that require strong mathematical and computational capabilities;
- geology, providing graduates with particular skills in geotechnical engineering.

#### Environmental Management Engineering coupled with studies in:

- biotechnology and/or chemistry, producing graduates who will be well placed to work in the expanding water and waste water industries;
- instrumentation and computing providing graduates particularly suited to positions involving the design and use of environmental monitoring equipment.

### Course Structure

The course is taken over five years of full-time study. In order to be eligible for admission to the two degrees, a student must have completed at least 46 subjects, each of 15 credit points, giving a total of 690 credit points. Students will be encouraged to undertake five subjects in each semester of years one to three and four subjects each semester in the fourth and fifth years. This provides flexibility in course planning by allowing students to take extra units in the fourth and fifth years of the course if necessary. The regulations governing the separate degrees apply except where varied by the specific regulations for the double degree.

### BACHELOR OF ENGINEERING

To be eligible for admission to the Bachelor of Engineering through the double degree a student must have completed all of the compulsory units within the current engineering degrees, except where these are superseded by studies at an equivalent or higher level within the science component of their program.

### BACHELOR OF APPLIED SCIENCE

The following science major studies are permitted at this stage: biotechnology/microbiology, chemistry, computing, geology, instrumentation and mathematics. To qualify for admission to the degree of Bachelor of Applied Science via the double degree program a candidate must fulfil the following requirements.

#### First year

All prerequisite subjects for second and third year subjects must be completed.

#### Second year

At least 90 credit points must be passed from the approved second year applied science subjects, including two approved sub-major sequences (each comprising not less than 45 credit points). No subject may be counted towards both sub-majors, but the course coordinator may approve the substitution of one subject in a sub-major by a related subject.

#### Third year

At least 75 credit points must be passed from the list of third year applied science subjects, including one approved major sequence (comprising not less than 60 credit points).

### Course Structure

Refer to the Bachelor of Engineering course structure and the information set out for the Bachelor of Applied Science major and minors. Further information is available from the course administrators.

### Honours and Postgraduate Study

Students are assessed for Honours according to the criteria for the single degree in Engineering. Advanced postgraduate diplomas and masters degrees are available.

### BACHELOR OF BUSINESS

Students should note that the Accounting specialisation of this course is available on the Mildura Campus. Students wishing to complete other specialisations may transfer to the Bendigo campus after first year. Bachelor of Business students normally specialise in one of accounting, information technology, economics, human resource management or marketing.

### Admission requirements

Applicants must satisfy the University's normal entrance requirements including a study score of at least 20 in Units 3 & 4 of English. Students who have studied previously at post-secondary level may apply to the course coordinator for credit of specific subjects towards the course. Applications for credit need to be supported by original documentary evidence or certified copies. Original documents will be returned after being sighted.

### Course structure

The course consists of 24 semester subjects, which may be undertaken by full-time study over three years, or six years by part-time study. The degree must include a major strand of at least 8 subjects and a minor strand of at least 4 subjects. Four core subjects are taken in first semester, which may count towards either the major or minor. The minor can be selected from subjects in accounting, human resource management, information technology, statistics, economics, marketing and law. Subjects cannot be double counted for the purposes of satisfying major and minor strand requirements. The remaining, elective subjects can be selected from the subjects available in other major and minor strands (subject to satisfying the prerequisites) and from other subjects, as approved by the Course coordinator. For HECS purposes the course is valued at 120 credit points per year.

#### First year

##### Sem.

(Students in all majors must enrol in the following four subjects)

	Subject code
1 Accounting for Management Decisions	BACCAMD
1 Business Law 1	BLAWBL1
1 Information Technology	BITITE
1 Microeconomics 1	BECOM1

Plus four of the following:

2 Business Law 2	BLAWBL2
2 Business Systems	BITBUS
2 Communications	BACCCO
2 Financial Accounting 1	BACCF1
2 Introduction to Marketing	BMARKITM
2 Macroeconomics 1	BECOMA1
2 Organisational Behaviour <sup>1</sup>	BMGT0B
2 Statistical Methods <sup>1</sup>	BMATHSTM

Key: <sup>1</sup> -If students do not select Organisational Behaviour and Statistical Methods in the first three semesters, they are required to complete the subjects in a later year of their course.

Whilst the above arrangements offer a broad choice, students should ensure that their choice takes into account the particular requirements of the major in which they intend to specialise (including prerequisites) and the requirements of any professional body to which they may wish to apply to for admission after completion of their courses.

### Major in Accounting

This is one of several major studies that can be undertaken within the Bachelor of Business. This course aims to prepare graduates for careers in a wide range of business fields, but with particular emphasis on those specifically related to the various branches of accounting. The course blends concepts with applications and provides studies in basic disciplines around which more specialised studies and business skills may be developed. Graduates will be expected to be skilled, adaptable and mobile.

### Professional recognition

Graduates may enter the accountancy profession in Australia. Accountancy graduates are eligible for admission as associate members of the Australian Society of Certified Practising Accountants. The Institute of Chartered Accountants in Australia allows

graduates to enter the profession through their professional year, subject to the employment requirement of at least one year in the office of a member of the Institute. Graduates with accounting majors are also eligible to apply for membership of the Association of Taxation and Management Accountants at the full member level. It should be noted that professional recognition by the above organisations depends on completion of specified subjects. Students should seek advice from the course administrators, or the course coordinator for further information.

### Course sequence

The normal sequence of subjects within this major program is.

#### First year

Sem.		Subject code
1	Accounting for Management Decisions	BACCAMD
1	Business Law 1	BLAWBL1
1	Information Technology	BITITE
1	Microeconomics 1	BECOMI1
2	Business Law 2	BLAWBL2
2	Business Systems	BITBUS
2	Financial Accounting 1	BACCFA1
2	Macroeconomics 1	BECOMA1

#### Second year

1	Company Law	BLAWCL
1	Management Accounting A	BACCMMA
1	Organisational Behaviour	BMGT0B
1	Statistical Methods	BMATHSTM
2	Financial Accounting 2	BACCFA2
2	Forecasting	BMATHFOR
2	Management Accounting B	BACCMAB
2	One elective	

#### Third year

1	Auditing	BACCAU
1	Taxation	BLAWT
1	Two electives	
2	Business Finance	BACCBF
2	Financial Accounting 3	BACCFA3
2	Two Electives	

### Major in Economics

This is another major that can be studied within the Bachelor of Business. This major aims to produce graduates who are well versed in economic theory, in the collection and use of economic data and who have a practical, objective approach to economic problems. Additionally, it is intended to acquaint students with a variety of economic concepts relevant to their future vocational requirements within the business management decision-making process.

### Course Structure

Students must satisfactorily complete 24 semester subjects including the first-year course structure described in the Bachelor of Business course structure. Eight economics subjects, of which four are third year subjects and two are second year subjects, must be successfully completed. (The remaining two subjects being the first year subjects, Microeconomics 1 and Macroeconomics 1). A minor in statistics is compulsory. Applied Economic Analysis can be counted as a statistics subject. Organisational Behaviour is also compulsory.

### Course sequence

#### First year

See the general course requirements for all strands as set out under Bachelor of Business.

#### Second year

Sem.		Subject code
1	One elective	
1	One second year economics subject	
1	Organisational Behaviour	BMGT0B
1	Statistical Methods	BMATHSTM
2	Forecasting	BMATHFOR
2	Two electives	
2	Two second-year economics subjects	

#### Third year

1	One elective	
1	One third-year statistics subject	
1	Two third-year economics subjects	
2	Two electives	
2	Two third-year economics subjects	

### Economics Subjects

#### Second year

Sem.		Subject code
1	Government and the Economy 2	BECOE2
1	Intermediate Economic Theory 2	BECOIET2
2	Industrial Economics 2	BECOI2
2	Macroeconomic Controversies 2	BECOMC2

#### Third year

1	Asian-Australian Trade Issues 3	BECOAAT3
1	Comparative Economic History 3	BECOCHE3
1	Contemporary Economic Problems 3	BECOCPE3
1	Industrial Relations 3	BECOIR3
1	Money and Banking 3	BECOMB3
2	Applied Economic Analysis 3	BECOAEE3
2	Applied Microeconomic Analysis 3	BECOAMA3
2	Comparative Economic Systems 3	BECOCES3
2	International Economics 3	BECOIE3

*Note: not all Economics subjects are offered every year*

### Major in Information Technology

The objective of this major is to provide a comprehensive grounding in the basic discipline of computing around which approved minors may be developed. The emphasis in the computing area is on business applications.

### Professional recognition

A graduate of the Bachelor of Business in Information Technology is recognised by the Australian Computer Society as a computer professional. Full membership is available after a qualifying period. With a suitable choice of subjects and extra studies, a double major may be obtained thus gaining admission to a second professional body such as the Australian Society of Certified Practising Accountants.

### Course sequence

Students must ensure that they successfully complete eight IT subjects.

#### First year

See the general course requirements for all strands as set out under Bachelor of Business. Note that Organisation Behaviour and Statistical Methods are compulsory subjects for the IT specialisation. The second semester subject BITBUS Business Systems is needed for progression to the minor or major.

#### Second year

Sem.		Subject code
1	Information Systems Development	BITISD
1	Three electives	
2	Computer Networks	BITCNE
2	Information Systems Practice <sup>1</sup>	BITISP
2	One elective	
2	Programming Concepts	BITPCO

#### Third year

1	Data Structures	BITDST
1	Three electives	
2	Business Programming <sup>1</sup>	BITBUP
2	Database	BITDBA
2	One elective	
2	Systems Software <sup>1</sup>	BITSYS

**Key:** <sup>1</sup>May be replaced by an approved computing subject.

*It is recommended that Programming Environment: BITPEN, be taken as one of the three electives.*

### Major in Human Resource Management

The objectives of this major are to develop students' knowledge and skills in areas of human resource management and employee relations, in addition to a range of general management disciplines.

### Professional recognition

Successful completion of this course will prepare graduates for admission to the Australian Human Resources Institute (AHRI) depending on electives and work experience.

### Course sequence

Students must ensure that they successfully complete eight HRM subjects from the sequence listed below.

#### First year

See the general course requirements for all strands as set out in Bachelor of Business. Note that Organisation Behaviour and Statistical Methods are compulsory subjects for the HRM specialisation.

Second year

Sem.	Subject code
1 Organisational Behaviour	BMGT0B
1 Statistical Methods	BMATHSTM
1 Two electives	
2 Forecasting	BMATHFOR
2 Human Resource Management	BMGT0HRM
3 One elective	

plus one of the following two subjects

1 Project Management	BMGT0PM
2 Organisation Theory	BMGT0T

Third year

1 Employee Relations Law	BLAWERL
1 Industrial Relations 3	BEC0IR3
1 One elective	
1 Training and Development	BMGT0TD
2 Human Resource Record and IS	BMGT0HRR
2 Strategic Planning	BMGT0SP
2 Two electives	

The electives may be selected from the subjects available in the major and minor strands (subject to satisfying the prerequisites) and from other approved subjects as offered from time to time. Electives may also be selected from courses in other departments and schools subject to the approval of the course coordinator. Students are strongly recommended to include Introduction to Psychology 101 and Introduction to Psychology 102 as electives.

Major in Marketing

Marketing reinforces the importance of communication skills in business and the increasingly competitive nature of business make it evident that a marketing approach taken by graduates provides them with a competitive advantage in the work place. This major in the Bachelor of Business course has been designed to produce graduates who can perform as officers in marketing, sales, market research, advertising, promotional management, marketing planning and marketing strategy.

Professional recognition

Graduates are eligible to join the Australian Marketing Institute as associate members or the Market Research Society of Australia, initially with associate membership status.

Course sequence

Students must ensure that they successfully complete six marketing subjects and Introduction to Psychology 101 and 102.

First year.

See the general course requirements for all strands as set out in Bachelor of Business.

Second year

Sem.	Subject code
1 Introduction to Marketing	BMARKITM
1 Introduction to Psychology 101 <sup>1</sup>	BPY101
1 One elective	
1 Statistical Methods	BMATHSTM
2 Consumer Behaviour	BMARKCB
2 Forecasting	BMATHFOR
2 Introduction to Psychology 102 <sup>1</sup>	BPY102
2 One elective	

Third year

1 Marketing Communication	BMARKMC
1 Marketing Research	BMARKMR
1 Two electives	
2 Selling and Sales Management	BMARKSSM
2 Strategic Marketing	BMARKSM
2 Two electives	

Key: <sup>1</sup>Subject to the approval of the course coordinator, Introduction to Psychology 101 and Introduction to Psychology 102 may be replaced with similar subjects of equivalent credit point weight.

Minor studies

A list of recommended minor strands is given below. A student may, however, choose any other combination with the approval of the course coordinator. Admission to most subjects is conditional on successful completion of prerequisite subjects.

Sem.	Subject code
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Accounting:

Choose four of:	
1 Accounting for Management Decisions	BACCAMD
1 Company Law	BLAWCL

1 Financial Accounting 2	BACCF2A
1 Management Accounting A	BACCM2A
1 Taxation	BLAWT
2 Auditing	BACCAU
2 Business Finance	BACCBF
2 Financial Accounting 1	BACCF1A
2 Financial Accounting 3	BACCF3A
2 Management Accounting B	BACCM2B

Economics

Choose four of:

1 Applied Economic Analysis 3	BECOAE3
1 Asian-Australian Trade Issues 3	BEOAA3T
1 Comparative Economic Systems 3	BECOCES3
1 Government and the Economy 2	BECOG2E
1 Industrial Relations 3	BEC0IR3
1 Intermediate Economic Theory 2	BECOIE2
1 Microeconomics 1	BECOM11
1 Money and Banking	BECOMB3
2 Applied Microeconomic Analysis 3	BECOAMA3
2 Comparative Economic History 3	BECOCHE3
2 Contemporary Economic Problems 3	BECOCPE3
2 Industrial Economics 2	BECOIE2
2 International Economics 3	BECOIE3
2 Macroeconomic Controversies 2	BECOMC2
2 Macroeconomics 1	BECOMA1

Statistics

Choose four of:

1 Experimental Design	BMATHEXD
1 Marketing Research	BMARKMR
1 Operations Research	BMATHOPR
1/2 Statistical Methods	BMATHSTM
1/2 Topics in Statistics	BMATHTIS
2 Forecasting	BMATHFOR
2 Quality Control	BMATHQUC

Law

Choose four of:

1 Business Law 1	BLAWBL2
1 Company Law	BLAWCL
1 Employee Relations Law	BLAWERL
1 Taxation	BLAWT
2 Business Law 2	BLAWBL2
2 Intellectual Property Law	BLAWIPL
2 Marketing Law	BLAWML
2 Property Law	BLAWL

Human Resource Management

Choose four of:

1 Employee Relations Law	BLAWERL
1/2 Human Resource Management	BMGT0HRM
1/2 Organisational Behaviour	BMGT0B
2 Human Resource Records and Information Systems	BMGT0HRR
2 Organisation Theory	BMGT0T

Or

1 Project Management	BMGT0PM
1 Training and Development	BMGT0TD
2 Strategic Planning	BMGT0SP

Marketing

Choose four of:

1 Marketing Communication	BMARKMC
1 Marketing Research	BMARKMR
1/2 Introduction to Marketing	BMARKITM
2 Consumer Behaviour	BMARKCB
2 Selling and Sales Management	BMARKSSM
2 Strategic Marketing	BMARKSM

Information Technology

Choose four of:

1 Computer Networks	BITCNE
1 Information Systems Development	BITISD
1/2 Data Structures	BITDST
1/2 Information Technology	BITITE
1/2 Programming Concepts	BITPCO
2 Business Programming	BITBUP
2 Business Systems	BITBUS
2 Database	BITDBA
2 Information Systems Practice	BITISP
2 Information Systems	BITINF
2 Systems Software	BITSYS

BACHELOR OF BUSINESS (ASIA-PACIFIC STUDIES)

This three year, full-time course is specifically designed to meet the growing demand for graduates with a degree linking business and Asia-Pacific studies.

**Admission requirements**

Applicants must satisfy the University's normal entrance requirements including a study score of at least 20 in Unit 3 & 4 of English.

**Course structure**

The course may be undertaken by full-time study over three years. Part-time study is also available. The course consists of 24 semester subjects, comprising 4 subjects per semester in each year of study. All subjects are equally weighted. In addition, students are encouraged to take advantage of opportunities for an overseas study placement, combining intensive language study with business experience, during the summer break between the second and third years of the course. Students who have gained a C-grade or better in Indonesian or Chinese at VCE level will be permitted to begin their language studies for this course at second year level. Six language units must still be completed to meet the language requirements of the course. For HECS purposes the course is valued at 120 credit points per year. The course consists of 24 semester subjects, chosen to include.

- no more than 10 first year-level subjects.
- no less than six third year-level subjects.
- Eight language and Asia-Pacific Development subjects including six subjects of language, and two of Development and Change, International Relations, Australian-Asian Trade Issues 3.
- Four compulsory Business subjects: Accounting for Management Decisions, Information Technology, Business Law 1 and Microeconomics 1.
- business subjects required to complete a major.

For professional accreditation at present, an accounting major requires the completion of 15 compulsory subjects in addition to the 4 listed business subjects; Level 1 accreditation by ACS requires the completion of 10 compulsory subjects.

Sample courses which satisfy current professional accreditation requirement.

**Accounting Major:****First year**

Sem.	Subject code
1 Accounting for Management Decisions	BACCAMD
1 Business Law 1	BLAWBL1
1 Microeconomics 1	BECOMI1
2 Business Law 2	BLAWBL2
2 Financial Accounting 1	BACCF1
2 Macroeconomics 1	BECOMA1
2 Statistical Methods	BMATHSTM

Plus one of the following two subjects

1&2 Chinese Studies	BCI1CS
1&2 Indonesian Studies	BI100

**Second year**

1 Company Law	BLAWCL
1 Information Technology	BITITE
1 Management Accounting A	BACCMMA
1 Organisational Behaviour	BMGT0B

Plus one of the following two subjects

1 Indonesian 1	BI201
1 Mandarin Chinese A	BCI2MA
2 Financial Accounting 2	BACCF2
2 Forecasting	BMATHFOR
2 Management Accounting B	BACCMAB

Plus one of the following two subjects

2 Indonesian 2	BI202
2 Mandarin Chinese B	BCI2MB

**Third year**

1 Asia-Pacific Development subject	BACCAU
1 Auditing	BLAWT
1 Taxation	

Plus one of the following two subjects

1 Indonesian 3	BI301
1 Mandarin Chinese C	BCI3MC
2 Business Finance	BACCFB
2 Business Systems	BITBUS
2 Financial Accounting 3	BACCF3
2 International Relations	BDP23IR

Plus one of the following two subjects

2 Indonesian 4	BI302
2 Mandarin Chinese D	BCI3MD

**Economics Major:****First Year**

Sem.	Subject code
1 Accounting for Management Decisions	BACCAMD
1 Business Law 1	BLAWBL1
1 Microeconomics 1	BECOMI1
2 Business Law 2	BLAWBL2
2 Macroeconomics 1	BECOMA1
2 Statistical Methods	BMATHSTM

Plus one of the following two subjects

1&2 Chinese Studies	BCI1CS
1&2 Indonesian Studies	BI100

**Second year**

1 Information Technology	BITITE
1 One second-year Economics subject	
1 Organisation Behaviour	BMGT0B

Plus one of the following two subjects

1 Indonesian 1	BI201
1 Mandarin Chinese A	BCI2MA
2 Forecasting	BMATHFOR
2 One second-year Economics subject	
4 One second-year Statistics subject	

Plus one of the following two subjects

2 Indonesian 2	BI202
2 Mandarin Chinese B	BCI2MB

**Third year**

1 Asia-Pacific Development subject	
1 Two third-year Economics subjects	

Plus one of the following two subjects

1 Indonesian 3	BI301
1 Mandarin Chinese C	BCI3MC
2 Asia-Pacific Development subject	
2 Two third-year Economics subjects	

Plus one of the following two subjects

2 Indonesian 4	BI302
2 Mandarin Chinese D	BCI3MD

**Human Resource Management Major:****First Year**

Sem.	Subject code
1 Accounting for Management Decisions	BACCAMD
1 Business Law 1	BLAWBL1
1 Microeconomics 1	BECOMI1
2 Business Law 2	BLAWBL2
2 Organisation Behaviour	BMGT0B
2 Statistical Methods	BMATHSTM

Plus one of the following two subjects

1&2 Chinese Studies	BCI1CS
1&2 Indonesian Studies	BI100

**Second year**

1 Information Technology	BITITE
1 Introduction to Marketing	BMARKITM
1 Asia-Pacific Development subject	

Plus one of the following two subjects

1 Indonesian 1	BI201
1 Mandarin Chinese A	BCI2MA
2 Forecasting	BMATHFOR
2 Human Resource Management	BMGTHRM
2 Organisation Theory	BMGTOT

Plus one of the following two subjects

2 Indonesian 2	BI202
2 Mandarin Chinese B	BCI2MB

**Third year**

1 Employee Relations Law	BLAWERL
1 Industrial Relations 3	BEC0IR3
1 Training and Development	BMGTTD

Plus one of the following two subjects

1 Indonesian 3	BI301
1 Mandarin Chinese C	BCI3MC

2 Asia-Pacific Development subject	
2 Human Resource Records and Information Systems	BMGTHRRI
2 Strategic Planning	BMGTSP

Plus one of the following two subjects

2 Indonesian 4	BI302
2 Mandarin Chinese D	BCI3MD



**Information Technology Major:****First Year****Sem.**

- 1 Accounting for Management Decisions
- 1 Business Law 1
- 1 Information Technology
- 2 Business Systems
- 2 Programming Concepts
- 2 Statistical Methods

**Subject code**

- BACCAMD
- BLAWBL1
- BITITE
- BITBUS
- BITPCO
- BMATHSTM

*Plus one of the following two subjects*

- 1&2 Chinese Studies
- 1&2 Indonesian Studies

- BCI1CS
- BI100

**Second year**

- 1 Information Systems Development
- 1 Microeconomics 1
- 1 Organisational Behaviour

- BITISD
- BECOMI1
- BMGTOB

**Plus one of the following two subjects**

- 1 Indonesian 1
- 1 Mandarin Chinese A
- 2 Asia-Pacific Development subject
- 2 Data Structures
- 2 Information Systems Practice

- BI201
- BCI2MA

- BITDST
- BITISP

*Plus one of the following two subjects*

- 2 Indonesian 2
- 2 Mandarin Chinese B

- BI202
- BCI2MB

**Third year**

- 1 Asia-Pacific Development subject
- 1 Computer Networks
- 1 Information Systems Methodologies

- BITCNE
- BITISM

*Plus one of the following two subjects*

- 1 Indonesian 3
- 1 Mandarin Chinese C
- 2 Business Programming
- 2 Database
- 2 Systems Software

- BI301
- BCI3MC
- BITBUP
- BITDBA
- BITSYS

*Plus one of the following two subjects*

- 2 Indonesian 4
- 2 Mandarin Chinese D

- BI302
- BCI3MD

**Marketing Major:****First Year****Sem.**

- 1 Accounting for Management Decisions
- 1 Introduction to Psychology 101
- 1 Microeconomics 1
- 2 Introduction to Psychology 102
- 2 Macroeconomics 1
- 2 Statistical Methods

**Subject code**

- BACCAMD
- BPY101
- BECOMI1
- BPY102
- BECOMA1
- BMATHSTM

*Plus one of the following two subjects*

- 1&2 Chinese Studies
- 1&2 Indonesian Studies

- BCI1CS
- BI100

**Second year**

- 1 Business Law 1
- 1 Information Technology
- 1 Organisational Behaviour

- BLAWBL1
- BITITE
- BMGTOB

*Plus one of the following two subjects*

- 1 Indonesian 1
- 1 Mandarin Chinese A
- 2 Consumer Behaviour
- 2 Forecasting
- 2 Introduction to Marketing

- BI201
- BCI2MA
- BMARKCB
- BMATHFOR
- BMARKITM

*Plus one of the following two subjects*

- 2 Indonesian 2
- 2 Mandarin Chinese B

- BI202
- BCI2MB

**Third year**

- 1 Asia-Pacific Development subject
- 1 Marketing Communication
- 1 Marketing Research

- BMARKMC
- BMARKMR

*Plus one of the following two subjects*

- 1 Indonesian 3
- 1 Mandarin Chinese C
- 2 International Relations
- 2 Selling and Sales Management
- 2 Strategic Marketing

- BI301
- BCI3MC
- BDP23IR
- BMARKSSM
- BMARKSM

**Plus one of the following two subjects**

- 2 Indonesian 4
- 2 Mandarin Chinese D

- BI302
- BCI3MD

**BACHELOR OF BUSINESS (TOURISM AND HOSPITALITY)**

This course aims to equip with the practical hospitality and sound business management skills necessary to plan tourism initiatives and to operate hospitality businesses. It combines a Diploma of Hospitality from TAFE with ah La Trobe University business.

**Admission requirements**

Applicants must satisfy the University's normal entrance requirements including a study score of at least 20 Units 3 and 4 English.

**Degree requirements**

Students must complete a course of subjects accumulating a minimum of 360 credit points (24 subjects). All core subjects are worth 15 credit points each. The course is designed to be completed in three years of full-time study, although part-time study is possible.

**Course structure**

The course comprises 9 business subjects, 5 specialist subjects in hotel operations and management, 8 subjects covering specialist areas of Community Tourism and Tourism Marketing, and 2 elective subjects. Alternatively, students may choose to undertake a third year specialisation at Bundoora where 6 elective streams – language, cultural tourism, nature-based tourism, wine tourism, event catering and entrepreneurship – are offered in third year.

In addition, students may also choose a one semester resort management stream in third year at the Mt Buller campus, or a rural tourism stream at the Shepparton Campus. Students may also transfer into the Bachelor of Business (Hospitality Management) at the Albury/Wodonga campus for the third year.

The hospitality and tourism course seek to blend vocational training with a broad education for the industry's future leaders. The Bachelor of Business (Tourism and Hospitality) combines the skills needed for hospitality supervision with business management and an understanding of the dynamics of the tourism industry. Students can enter this degree keeping their career options open.

If their interests or vocation needs, determine, they can leave the course at the end of their first year, with a fully recognised TAFE certificate II in hospitality and return later when their career demands higher qualifications. Similarly, they can exit at the end of their second year with a nationally recognised Diploma in Hospitality Management (Certificate V). Students are not locked into an all-or-nothing, three-year program. This structure is detailed in the table below.

Year	Program	Resulting Qualification
1	Four TAFE subjects: Four University subjects:	Certificate II
2	One TAFE subject Seven University subjects	Certificate V (Diploma)
3	Eight University subjects	Degree or graduate diploma

The following course structure applies to students enrolling for the first time in 2000.

Students progressing to second and third year need to consult their course co-ordinator for details of their progression requirements.

**First year****Sem.**

- 1 Accommodation Management Operations 1
- 1 Accounting for Management Decisions
- 1 Food and Beverage Services 1A
- 1 Information Technology
- 2 Accommodation Management Supervision 1
- 2 Financial Accounting 1
- 2 Food and Beverage Services 1B
- 2 Introduction to Tourism and Hospitality Studies

**Subject code**

- BACMO1
- BACCAMD
- BFBSIA
- BITITE
- BACMS1
- BACCF1
- BFBS1B
- BITHS1

**Second year**

- 1 Hospitality Operations Management 2
- 1 Microeconomics for Tourism and Hospitality
- 1 Organisational Behaviour
- 1 Statistical Methods
- 2 Human Resource Management
- 2 Introduction to Marketing for Tourism and Hospitality
- 2 Macroeconomics for Tourism and Hospitality
- 2 Tourism and Hospitality Law 2

- BHOM2
- BECOMITH
- BMGTOB
- BMATHSTM
- BMGTHRM
- BMARKITH
- BECOMATH
- BTHL2

**Third year**

The proposed third year specialisations at Bendigo are Community Tourism and Tourism Marketing.

**BACHELOR OF BUSINESS (HONOURS) IN ACCOUNTING**

This course is designed to enhance the skills of recent accounting graduates. It introduces students to the principles and practices of research in preparation for postgraduate studies and advanced professional employment.

**Admission requirements**

Completion of a degree in accounting (e.g. Bachelor of Business in Accounting) with a high standard of achievement, having attained a grade of 65% or better in at least half of the accounting subjects of the first degree. A School Honours Committee determines admissions and individual programs before enrolment.

**Course structure**

The program consists of 6 semester subjects plus an accounting research essay (equivalent to two semester subjects).

For HECS purposes the course is valued at 120 credit points.

Sem.	Subject code
1 Advanced Managerial Accounting	BACXAMA
1 Issues in Finance	BACXIF
1 Issues in Financial Accounting	BACXIFA
1 Research Methods (Business)	BMGTXRS
2 Accounting Research Essay <sup>1</sup>	BACXARE
2 International Business Policy	BMGTXIBP
2 Issues-Asia-Pacific Business	BECOXIAP

Key: <sup>1</sup> This subject is equivalent to two subjects.

**BACHELOR OF BUSINESS/BACHELOR OF COMPUTING**

This double degree program combines the Bachelor of Business (all specialisations except Information Technology) with the Bachelor of Computing. The course is taken over four years and enables students to undertake an in-depth study of both computing and one of accounting, economics, human resource management or marketing. Employers have indicated that there is a high demand for graduates with such expertise.

**Admission requirements**

Applicants must satisfy the University's normal entrance requirements including a study score of at least 20 in Units 3 & 4 of English.

**Course structure**

The course is undertaken by full-time study over four years. Part-time study is not available.

For HECS purposes the course is valued at 150 credit points for each of years one and two and 120 credit points for each of years three and four.

**Accounting/computing****First year**

Sem.	Subject code
1 Accounting for Management Decisions	BACCAMB
1 Business Law 1	BLAWBL1
1 Computer Fundamentals	BITCFU
1 Principles of Mathematics <sup>1</sup>	BMATHPRM
1 Programming Environment	BITPEN
2 Business Law 2	BLAWBL2
2 Financial Accounting 1	BACCFA1
2 Information Systems	BITINF
2 Macroeconomics 1 (or elective) <sup>2</sup>	BECOMA1
2 Programming Concepts	BITPCO

**Second year**

1 Company Law	BLAWCL
1 Data Structures	BITDST
1 Information Systems Development	BITISD
1 Microeconomics 1	BECOMI1
1 Statistical Methods	BMATHSTM
2 Financial Accounting 2	BACCFA2
2 Forecasting (or elective) <sup>2</sup>	BMATHFOR
2 Organisational Behaviour	BMGTOB
2 Two Computing subjects	

**Third year**

1 Elective	
1 Management Accounting A	BACCMAB
1 Two Computing subjects	
2 Management Accounting B	BACCMAB
2 Three Computing subjects	

**Fourth year**

1 Auditing	BACCAU
1 Taxation	BLAWT
1 Two Computing subjects	
2 Business Finance (or elective) <sup>2</sup>	BACCBF
2 Financial Accounting 3	BACCFA3
2 Two Computing subjects	

Key: <sup>1</sup>May be replaced by another elective if a satisfactory standard has been achieved in year 12 mathematics. <sup>2</sup>For recognition by the ASCPA, students should take the nominated subject, not the elective.

**Economics/Computing****First year**

Sem.	Subject code
1 Accounting for Management Decisions	BACCAMB
1 Business Law 1	BLAWBL1
1 Computer Fundamentals	BITCFU
1 Principles of Mathematics <sup>1</sup>	BMATHPRM
1 Programming Environment	BITPEN
2 Business Law 2	BLAWBL2
2 Information Systems	BITINF
2 Macroeconomics 1	BECOMA1
2 Organisational Behaviour	BMGTOB
2 Programming Concepts	BITPCO

**Second year**

1 Data Structures	BITDST
1 Elective	
1 Information Systems Development	BITISD
1 Microeconomics 1	BECOMI1
1 Statistical Methods	BMATHSTM
2 Forecasting	BMATHFOR
2 One second-year economics subject <sup>2</sup>	
2 One third-year economics subject <sup>2</sup>	
2 Two Computing subjects	

**Third year**

1 One second-year economics subject <sup>2</sup>	
1 One statistics subject <sup>2</sup>	
1 Two Computing subjects	
2 One statistics subject <sup>2</sup>	
2 One third-year economics subject <sup>2</sup>	
2 Two Computing subjects	

**Fourth year**

1 Elective	
1 One third-year economics subject <sup>2</sup>	
1 Two Computing subjects	
2 One third-year economics subject <sup>2</sup>	
2 Three Computing subjects	

Key: <sup>1</sup>May be replaced by an elective if a satisfactory standard has been achieved in year 12 Mathematics. <sup>2</sup>See the list below

**Second year economics subjects**

1	Government and the Economy 2	BECOG2
1	Intermediate Economic Theory 2	BECOI2
2	Industrial Economics 2	BECOIET2
2	Macroeconomic Controversies 2	BECOMC2

**Third year economics subjects**

1	Applied Economic Analysis 3	BECOA3
1	Asian-Australian Trade Issues 3	BECOAAT3
1	Comparative Economic Systems 3	BECOCES3
1	Industrial Relations 3	BECOI3
1	Money and Banking 3	BECOMB3
2	Applied Microeconomic Analysis 3	BECOMA3
2	Comparative Economic History 3	BECOCHE3
2	Contemporary Economic Problems 3	BECOCPE3
2	International Economics 3	BECOI3E3

**Statistics subjects**

1	Applied Economic Analysis 3	BECOA3
1	Experimental Design	BMATHEXD
1	Marketing Research	BMARKMR
1	Operations Research	BMATHOPR
2	Quality Control	BMATHQUC
2	Topics in Statistics	BMATHTIS

**Human Resource Management/Computing****First year**

Sem.	Subject code
1 Accounting for Management Decisions	BACCAMB
1 Business Law 1	BLAWBL1
1 Computer Fundamentals	BITCFU
1 Principles of Mathematics <sup>1</sup>	BMATHPRM
1 Programming Environment	BITPEN
2 Business Law 2	BLAWBL2
2 Elective	
2 Information Systems	BITINF
2 Organisational Behaviour	BMGTOB
2 Programming Concepts	BITPCO

Second year

1	Data Structures	BITDST
1	Human Resource Management	BMGTHRM
1	Information Systems Development	BITISD
1	Microeconomics 1	BECOM11
1	Statistical Methods	BMATHSTM
2	Elective	
2	Forecasting	BMATHFOR
2	Organisation Theory	BMGTOT
1	Two Computing subjects	

Third year

1	Industrial Relations 3	BECOIR3
1	Training and Development	BMGTDD
1	Two Computing subjects	
2	Elective	
2	Human Resource Records and Information Systems	BMGTHRRI
2	Two Computing subjects	

Fourth year

1	Employee Relations Law	BLAWERL
1	Strategic Planning	BMGTSP
1	Two Computing subjects	
2	Elective	
2	Three Computing subjects	

Key: 'May be replaced by an elective if a satisfactory standard has been achieved in year 12 mathematics.

Marketing/Computing

First year

Sem.		Subject code
1	Accounting for Management Decisions	BACCAMD
1	Business Law 1	BLAWBL1
1	Computer Fundamentals	BITCFU
1	Principles of Mathematics 1	BMATHPRM
1	Programming Environment	BITPEN
2	Business Law 2	BLAWBL2
2	Elective	
2	Information Systems	BITINF
2	Introduction to Marketing	BMARKITM
2	Programming Concepts	BITPCO

Second year

1	Data Structures	BITDST
1	Information Systems Development	BITISD
1	Introduction to Psychology 101	BPY101
1	Microeconomics 1	BECOM11
1	Statistical Methods	BMATHSTM
2	Consumer Behaviour	BMARKCB
2	Forecasting	BMATHFOR
2	Introduction to Psychology 102	BPY102
2	Two Computing subjects	

Third year

1	Elective	
1	Marketing Communication	BMARKIMC
1	Two Computing subjects	
2	Elective	
2	Strategic Marketing	BMARKSM
2	Two Computing subjects	

Fourth year

1	Elective	
1	Marketing Research	BMARKMR
1	Two Computing subjects	
2	Selling and Sales Management	BMARKSSM
2	Three Computing subjects	

Key: 'May be replaced by an elective if a satisfactory standard has been achieved in Year 12 mathematics.

Other Computing subjects

Artificial Intelligence	BITARI
Business Programming	BITBUS
Computer Architecture 1	BITCA1
Computer Architecture 2	BITCA2
Computer Networks	BITCNE
Computer Technology	BITCTE
Data Communications	BITDCO
Database	BITDBA
Emerging Topics In Information Technology	BITETI
Expert Systems	BITEXS
Graphics Programming	BITGRP
GUI Programming	BITGUP
Industry Experience A	BITIEA

Industry Experience B	BITIEB
Information Systems Development	BITISD
Information Systems Methodologies	BITISM
Information Systems Practice	BITISP
Major Project Part 1	BITMP1
Major Project Part 2	BITMP2
Minor Project	BITMIP
Object Oriented Programs	BITOOP
Professional Environment	BITPRE
Software Development Environments	BITSDE
Software Engineering	BITSEN
Software Systems	BITSYS
Web Development	BITWDE
Web Engineering	BITWEN

Industry-based learning

A limited number of scholarships are offered for students to undertake an industry-based learning component in the course. The program is normally available only to students who have completed three full years of study. Each industry- based learning subject is undertaken full-time for half a year and is equivalent to two subjects in the double degree program. Further details can be obtained from the industry- based learning coordinator.

BACHELOR OF ENGINEERING/ BACHELOR OF BUSINESS

This double degree aims to produce multi-skilled graduates capable of applying a diverse range of knowledge and abilities to the analysis and solution of problems and decision making, and to provide a course of study which enables students to meet educational entry requirements of appropriate professional associations in engineering and business. This degree also aims to make available, especially to residents of central and northern Victoria, a qualification combining the strengths of a degree in civil or environmental management engineering with specialised studies in recognised business disciplines.

Admission Requirements

Applicants must satisfy the University's normal entrance requirements, including a study score of at least 20 in each of Units 3 and 4 of English, Mathematical Methods and Physics.

Career Opportunities

As well as the career opportunities associated with each of the single degrees, double degree graduates can access areas of employment that require expertise in both engineering and business. In addition, experience has shown that many engineers obtain work in management positions within a relatively short time of graduation. For these graduates the Bachelor of Business provides invaluable management expertise. Project management is a very important area of employment for engineers and requires a comprehensive understanding of the financial and human resource management aspects of tasks, in addition to the engineering requirements. These skills will be gained in the business degree component of the course.

Course Structure

The course is taken over five years of full-time study. In order to be eligible for admission to the two degrees a student must have completed at least 46 subjects, each of 15 credit points, giving a total of 690 credit points. Generally students will be encouraged to undertake 5 subjects in each semester of years one to three and 4 subjects each semester in the fourth and fifth years. This provides flexibility in course planning by allowing students to take extra units in the fourth and fifth years of the course if necessary. The regulations governing the separate degrees apply except where varied by the specific regulations for the double degree.

BACHELOR OF ENGINEERING

To be eligible for admission to the Bachelor of Engineering through the double degree, a student must have completed all of the compulsory units within the current engineering degrees, except where these are superseded by studies at an equivalent or higher level within the business component of their program.

BACHELOR OF BUSINESS

Business major studies are permitted in economics, human resource management and information technology at this stage. To qualify for admission to the degree of Bachelor of Business via the double degree program, a candidate must pass business subjects having an aggregate value of not less than 270 credit points (18 subjects) and fulfil the following requirements.

- Compulsory first year subjects: Accounting for Management Decisions, Information Technology, Microeconomics 1 and Business Law 1.
- Other first year subjects - 4 additional first year engineering subjects from the first year list.

- Second and third year - the compulsory subjects as indicated for the major strand chosen (see the Bachelor of Business course outline and the Bachelor of Engineering course outline elsewhere in this Handbook).

### Honours and Postgraduate Study

Students are assessed for Honours according to the criteria for the single degree in Engineering. Advanced postgraduate diplomas and masters degrees are available.

### BACHELOR OF COMPUTING

This course provides opportunities for students to develop full professional competence in the discipline of computing and equips them for employment in commerce, industry, government, administration and education. The course is structured to enable students to combine computing studies with another discipline. Students may choose elective subjects from any other approved course with the approval of the course coordinator.

#### Professional recognition

Graduates are recognised by the Australian Computer Society as computer professionals and are eligible for membership of the Society.

#### Admission requirements

Applicants must satisfy the University's normal entrance requirements including at least a study score of at least 20 Units 3 & 4 of English.

#### Course structure

The course can be undertaken by full-time study over three years or part-time study over six years.

The course consists of 24 semester subjects, comprising four subjects per semester in each year of study: 16 subjects must be computing subjects and 4 subjects must be non-computing subjects. No more than ten subjects overall may be studied at level one (first year level). All subjects are equally weighted.

For HECS purposes the course is valued at 120 credit points per year.

#### First year

Sem.		Subject code
1	Computer Fundamentals	BITCFU
1	Principles of Mathematics <sup>1</sup>	BMATHPRM
1	Programming Concepts	BITPCO
1	One non-computing elective	
2	Data Structures	BITDST
2	Discrete Mathematics	BMATHDIS
2	Information Systems	BITINF
3	One non-computing elective	

#### Second year

1	One non-computing subject
1	Three Computing subjects
2	Elective
2	Three Computing subjects

#### Third year

1	One elective
1	Three Computing subjects
2	Two Computing subjects
2	Two electives

Key: <sup>1</sup>A non-computing subject may replace this subject if a satisfactory standard has been achieved in year 12 Mathematics.

#### Other Computing subjects

Artificial Intelligence  
Business Programming  
Computer Architecture 1  
Computer Architecture 2  
Computer Networks  
Data Communications  
Database  
Emerging Topics In Information Technology  
Expert Systems  
Graphics Programming  
GUI Programming  
Industry Experience A  
Industry Experience B  
Information Systems Methodologies  
Information Systems Practice  
Major Project Part 1  
Major Project Part 2  
Minor Project  
Object Oriented Programs  
Professional Environment  
Software Development Environments  
Software Engineering

BITARI  
BITBUP  
BITCA1  
BITCA2  
BITCNE  
BITDCO  
BITDBA  
BITETI  
BITEXS  
BITGRP  
BITGUP  
BITIEA  
BITIEB  
BITISM  
BITISP  
BITMP1  
BITMP2  
BITMIP  
BITOOP  
BITPRE  
BITSDE  
BITSEN

Systems Software  
Web Development  
Web Engineering

BITSYS  
BITWDE  
BITWEN

### Other elective subjects

Students may take up to 8 elective subjects for credit in the course. All elective choices must be approved by the course coordinator. Some possible areas are business, electronics, humanities, social science, multimedia, mathematics, statistics, public health and environmental science.

### Industry-based learning

A limited number of scholarships are offered for students to undertake an industry-based learning component. The program is normally available only to students who have completed two full years of study. Each industry-based learning subject is undertaken full-time for half a year and is equivalent to two of the 24 subjects required for the awarding of the degree. Further details can be obtained from the industry-based learning coordinator.

### BACHELOR OF COMPUTING (HONOURS)

This course provides specialised education in computing to the recent graduate in computing. It introduces students to the principles and practices of research, in preparation for postgraduate study or advanced professional employment.

#### Admission requirements

Applicants must have completed a degree in computing with a high standard of achievement, especially in the final year. Normally students are not permitted to enrol for an honours degree later than the end of the second year after completing the pass degree. A School Honours Committee determines admissions and individual programs before enrolment.

#### Course structure

This is a one-year full-time, or two-year part-time, course. It consists of:

- two Level 4/5 coursework subjects in computing. The availability of given subjects depends on demand: early negotiation with the Course Coordinator/Honours Committee is recommended. Equivalent subjects at Bundoora, other universities, or from commercial courses may also be considered for credit in this category.
- a research methods subject (normally Research Methods (Business) BMGTXRS), an independent research project leading to a dissertation, equivalent to five subjects. For HECS purposes the course is valued at 120 credit points.

### BACHELOR OF ENGINEERING

The Engineering courses continue a one hundred year tradition of professional engineering training at Bendigo. A new course with emphasis on internet telecommunications is planned for introduction in 2000. Engineering courses can be combined with either science or business courses in double degree programs.

The Bachelor of Engineering has a common first year and follows the cooperative model consisting of eight semesters of academic studies and a period of paid industrial integrated learning. Students are able to complete the degree with a major study in civil engineering or environment management engineering at Bendigo. In electrical or electronic engineering and in mechanical or manufacturing engineering the first three years of the course are offered at Bendigo, with the final two years being completed at Swinburne University of Technology. Details of the courses offered at Bendigo are given below.

#### Professional recognition

The course is accredited by the Institution of Engineers, Australia.

#### Admission requirements

Applicants must satisfy the University's normal entrance requirements including a study score of at least 20 in each of Units 3 & 4 of English, Mathematical Methods and Physics.

#### Course structure

The first year is common to all major study areas.

For HECS purposes the course is worth 120 credit points per year.

#### First year

Sem.		Subject code
1	Calculus 1	BMATHCA1
1	Chem102 General Chemistry <sup>1</sup>	BCH102
1	Phys110 Physics 1A	BPH110
1	Engineering CAD	BEN1CAD
2	Scientific Computing	BITSCI
2	Calculus 2	BMATHCA2
2	Communications	BACCCO
2	Mechanics of Solids	BEN2MS

Key: 'BCH110: Chem110 Chemistry 1A must be taken if a satisfactory standard in year 12 chemistry has been achieved.

## Civil Engineering

### Second year

Sem.	Subject code
1 Calculus 3	BMATHCA3
1 Geol 120 Materials Geology	BGL120
1 Organisational Behaviour	BMGT0B
1 Surveying	BEN2SV
2 Engineering Mathematics	BMATHEM
2 Environmental Science	BBI2ENV
2 Hydraulics	BEN2HD
2 Structures 1	BEN2ST1

### Third year

1 Accounting for Management Decisions	BACCAMD
1 Civil Engineering Materials	BEN3CMT
1 Numerical Mathematics	BMATHNM
1 Structures 2	BEN3ST2
2 Civil Construction	BEN3CCN
2 Geomatics	BEN3GM
2 Geotechnology 1	BEN3GT1
2 Hydraulic Engineering 1	BEN3HD1

### Fourth year

1 Elective	
1 Geotechnology 2	BEN4GT2
1 Hydraulic Engineering 2	BEN4HD2
1 Project Management	BMGT0P
2 Investigation	BEN4INV
2 Structural Design	BEN4SD
2 Structures 3	BEN4ST3
2 Transport Engineering	BEN4TE

### Elective study areas

Not all electives will be available

1 Finite Elements	BEN4FNE
1 Geotechnology 3	BEN4GT3
2 Hydraulic Engineering 3	BEN4HD3
2 Urban/Rural Engineering	BEN4UR
2 Water Treatment	BEN4WT

Additional elective subjects may be selected from the existing accredited programs with the approval of the relevant course authority.

### Industry-Integrated Learning Options

The course includes a period of paid industry-integrated learning. Students can choose one of the following options for this part of the course.

- Option 1 – 10 weeks during the vacation at the end of each of second and third years.
- Option 2 – 20 weeks following completion of the academic program.

### Environmental Management Engineering

#### Second year

Sem.	Subject code
1 Calculus 3	BMATHCA3
1 Chem110 Chemistry 1A <sup>1</sup>	BCH110
1 Geol120 Materials Geology	BGL120
1 Surveying	BEN2SV
2 Engineering Mathematics	BMATHEM
2 Geol 308 Soil Science	BGL308
2 Organisational Behaviour	BMGT0B
2 Environmental Science	BBIENV

Key: <sup>1</sup>This must be replaced by an approved elective subject if Chem110 has been taken in first year.

### Third year

1 Accounting for Management Decisions	BACCAMD
1 Biol 207 Ecology	BBI207
1 Civil Engineering Materials	BEN2CMT
1 Geol 306 Environmental Geomorphology	BGL306
2 Geomatics	BEN3GM
2 Geotechnology 1	BEN3GT1
2 Hydraulic Engineering 1	BEN3HD1
2 Hydraulics	BEN2HD

### Fourth year

1 Elective	
1 Hydraulic Engineering 2	BEN4HD2
1 Pollution Management 1	BEN4PM1
1 Project Management	BMGT0P
2 Elective	
2 Intro to Geographic Information Systems	BITGIS

2 Pollution Management 2	BEN4PM2
2 Water Treatment	BEN4WT

### Elective study areas

Not all electives will be available

- Civil engineering
- Environment
- Scientific instrumentation
- Management

### Industry-Integrated Learning Options

The course includes a period of paid industry-integrated learning. Students can choose the following options for this part of the course.

- Option 1: – 10 weeks during the vacation at the end of each of second and third years.
- Option 2 – 20 weeks following completion of the academic program.

### Mechanical/Manufacturing Engineering

#### Second year

Sem.	Subject code
1 Calculus 3	BMATHCA3
1 Elec110 Electronics	BEL110
1 Mechanical Materials	BEN2MMT
1 Thermodynamics	BEN2TDM
2 Engineering Mathematics	BMATHEM
2 Hydraulics	BEN2HD
2 Machine Dynamics	BEN2MDN
2 Manufacturing Technology 1	BEN2MNT

### Third year

1 Industry Integrated Learning	BEN3IIL
2 Industry Integrated Learning	BEN3IIL

### Fourth and fifth years

The course is completed at Swinburne University of Technology.

### Electrical/Electronic Engineering

This stream of the course is currently under review.

#### Second year

Sem.	Subject code
1 Calculus 3	BMATHCA3
1 Elec110 Electronics	BEL110
1 Elec203 Digital and Circuit	BEL203
1 Programming Concepts	BITPCO
2 Electrical Circuits	BEN2ELC
2 Electrical Machines	BEN2ELM
2 Engineering Mathematics	BMATHEM
2 Phys120 Physics 1B	BPH120

### Third year

1 Industry Integrated Learning	BEN3IIL
2 Industry Integrated Learning	BEN3IIL

### Fourth and fifth years

The course is completed at Swinburne University of Technology.

## BACHELOR OF ENGINEERING (HONOURS)

The degree is awarded with honours to those students who achieve sufficiently high overall grades in second and subsequent years.

## BACHELOR OF SCIENCE (CHEMICAL SCIENCES)

The chemical industry has long been one of the major destinations for science graduates. The Bachelor of Science (Chemical Sciences) course caters for the needs of this industry sector, but also provides an excellent qualification for those students considering progressing to a higher degree in chemistry. While this degree is available on both the Bundoora and Bendigo campuses, the Bendigo course is offered using subjects from the Applied Science degree.

### Admission Requirements

Applicants must satisfy the University's normal entrance requirements including a study score of at least 20 in Units 3 & 4 of English and a study score of at least 25 in Units 3 & 4 of Chemistry.

### Course Structure

Three years full-time study with part-time study possible by arrangement.

#### First year

The first year program includes 2 chemistry subjects (BCH110 and BCH120), together with another 6 subjects chosen from those within the Bachelor of Applied Science course. At least 1 mathematics or physics subject must be included. Subjects are available in biology, computing, electronics, geology, mathematics, physics and group research.

**Second year**

Eight second-year science subjects must be completed, including at least 4 from the list of second year chemistry subjects. The following 3 subjects are compulsory.

Sem.	Subject code
1 Chem202 Energy and Change	BCH202
2 Chem201 Organic Concepts	BCH201
2 Chem203 Instrumental Analysis A	BCH203

**Other second-year chemistry subjects include:**

1 Biol201 Biomolecules	BBI201
1 Chem205 Environmental Chemistry	BCH205
2 Chem204 Inorganic Chemistry	BCH204

**Third year**

Eight third-year science subjects must be completed, including at least four from the list of third-year chemistry subjects. The following three subjects are compulsory.

Sem.	Subject code
1 Chem302 Chemical Dynamics	CH302
1 Chem303 Instrumental Analysis	BCH303
2 Chem309 Organic Synthesis	BBCH309

**Other third year chemistry subjects include.**

2 Chem304 Colloid & Polymer Chemistry	BCH304
2 Chem305 Pollution & Waste Management	BCH305

Students can transfer at any stage from the BSc (ChemSci) program into the BAppSc degree program without penalty.

**Honours and Postgraduate studies**

Students wishing to proceed to further study may undertake an Honours degree, providing a range of research opportunities.

**BACHELOR OF SCIENCE (MATHEMATICS/STATISTICS)**

The Bachelor of Science (Mathematics/Statistics) course gives students the opportunity to combine significant studies in mathematics and statistics with a wide variety of disciplines, including some with which mathematics and statistics have not traditionally been associated. In this degree, students can tailor their studies to their particular interests and career aspirations.

**Professional recognition**

Graduates will be eligible to apply for accredited membership of the Australian Mathematical Society, the Statistical Society of Australia or both. They may be eligible for further professional society membership if they take a major study in another discipline alongside their mathematics/statistics specialisation.

**Admission requirements**

Applicants must satisfy the University's normal entrance requirements including a study score of at least 20 in Units 3 & 4 of English and either a study score of at least 25 in Mathematical Methods or a study score of at least 20 in Specialist Mathematics. Applicants who have successfully completed Specialist Mathematics will be deemed to have an ENTER up to 1.5 percentage points higher.

**Course Structure**

The rules for the Bachelor of Science (Mathematics/Statistics) degree allow a wide freedom of choice for other (non-mathematics) subjects. However, the value of the degree is enhanced if some depth in at least one other discipline is included (i.e. studies to second or third year level). For example, information technology, economics and marketing, finance and environmental science all complement mathematics, although it is possible to include virtually any subject area offered on the Bendigo campus in the course. The course comprises three years of full-time study or part-time by arrangement. As the course is also offered at the Bundoora campus it is possible for students to combine or transfer their studies between campuses without penalty.

**First Year**

Sem.	Subject code
1 Calculus 1	BMATHCA1
1 Computer Fundamentals	BITCFU
1&2 Programming Concepts	BITPCO
1&2 Three elective subjects <sup>2</sup>	
2 Calculus 2	BMATHCA2
2 Discrete Mathematics	BMATHDIS

**Second Year**

1 Calculus 3	BMATHCA3
1 Mathematical Statistics 1	BMATHMS1
1&2 Four elective subjects <sup>2</sup>	
2 Mathematical Statistics 2	BMATHMS2

**plus one of the following:**

2 Algebra	BMATHALG
2 Linear Algebra	BMATHLA

**Third Year**

1 Probability	BMATHPRB
1&2 Four elective subjects <sup>2</sup>	
2 Complex Analysis	BMATHCOM

**plus one of the following:**

2 Algebra <sup>2</sup>	BMATHALG
2 Linear Algebra <sup>1</sup>	BMATHLA

**plus one of the following:**

1 Numerical Mathematics	BMATHNM
1&2 Topics in Mathematics	BMATHTIM
1&2 Topics in Statistics	BMATHTIS

Key: <sup>1</sup>Offered in alternate years. <sup>2</sup>Elective subjects may be chosen from any subjects offered by the University as approved by the Bendigo-based course coordinator.

**Honours**

Suitably qualified students will be permitted to enrol in an honours year in mathematics or statistics on the Bundoora campus. To ensure Bendigo students are well-prepared for the honours year, potential honours candidates will be encouraged to include appropriate specialised studies in third year by means of the subjects Topics in Mathematics and Topics in Statistics.

**MATHEMATICS/SCIENCE BRIDGING COURSE**

The Mathematics/Science Bridging Course is designed for students without the normal prerequisites to enter a tertiary science-based course. The course caters for people who have decided to change careers (but do not have the necessary background in mathematics and science), as well as those who have studied mathematics and science at school but have not reached the required standard. The aim of the program is to improve the background of students to a level that will enable them to tackle a full degree course in either science or engineering.

**Professional recognition**

A pass in all subjects will guarantee entry into any of the science and engineering courses at Bendigo.

**Admission**

Students are considered for entry on an individual basis. To apply to enter the course contact the course co-ordinator.

**Course structure**

The course is a one-year, full-time program. Class contact hours are relatively low to enable ample time for revision and/or improving background knowledge in the various subject areas. A choice of mathematics subjects can be taken, depending on the mathematics background of the applicant.

Sem.	Subject code
1 Skills in Writing	BBROWS
1&2 Bridging Chemistry	BCH0BC
1&2 Bridging Mathematics	BMATH0BM
1&2 Bridging Physics	BPH0BP
2 Introduction to Computing	BIA0IC

**BACHELOR OF BUSINESS ADMINISTRATION (SINGAPORE)**

This course is available only to offshore students studying in Singapore who are eligible for advanced standing. The course is equivalent to the Bachelor of Business program. The major studies available are Human Resource Management, Management and Marketing. The course is offered to qualified and experienced individuals, who have not undertaken significant studies in the field of administration, yet feel the need to develop their administrative and managerial skills and abilities in the course of their employment. The course aims to:

Prepare and equip students with a comprehensive theoretical and practical<sup>1</sup> grounding in recognised administrative disciplines integrating learning with experience in the work place.

Undertake a broadly based, academically vigorous, program of study which enables students to meet the changing needs of today's organisations and be able to compete in the competitive global business environment.

Enable students to analyse, formulate and implement overall management policies and strategies.

Prepare and equip ambitious administrators interested in a management career in private or public sector organisation.

Provide an overall course of study in the field of administration which meets the highest international standard.



Allow students to apply what they have studied to their work situation.

### Admission requirements

Applicants must be eligible for advanced standing based on prior studies, for example: completed Diploma studies from a Singapore Polytechnic and relevant work experience.

### Course structure

The course normally requires completion of ten subjects on the basis of entry with advanced standing.

Further information may be obtained from the offshore course administrator, Mr John Bramley.

### BACHELOR OF BUSINESS (HONG KONG)

This course is available to offshore students studying in Hong Kong. The course is a program of 24 subjects taken from the on shore Bachelor of Business program. The major studies available are

- Human Resource Management and Marketing. The course aims to:
  - develop skills in the specific areas of Human Resource Management and employee relations, in addition to a range of general management disciplines.
  - provide graduates who will be able to perform as officers in marketing strategy.

### Admission Requirements

Satisfactory completion of the Hong Kong Advanced Level Examination (HKALE).

### Course Structure

Refer to course structure in Bachelor of Business elsewhere in this *Handbook*. Students should note that only major in Human Resource Management and Marketing are available.

### Subject Descriptions

Descriptions of all subjects are presented in alphanumeric order. Information printed in the subject descriptions is accurate at the time of printing. Students who wish to obtain a complete subject syllabus extract should visit the web site: <http://www.bendigo.latrobe.edu.au/reg/subjects.html>

This web site contains a list of all subjects offered within this Faculty including the expected year of offering.

### 2D & 3D MEDIA WORKSHOP 1 (15 CPs. Sem. I. Be.) BVA123W1 Mr David Stuchbery

This subject consists of self contained Workshops providing basic technical knowledge. The Workshops are provided over four (4) week blocks offering simultaneously each of the media of Drawing, Painting and Ceramics. Students select a combination of workshops in these media.

Investigation, fabrication and outcomes within these Workshops will include: introduction to specific media; emphasis upon health and safety within the Workshop environment; investigation of materials, tools, techniques; and historic/contemporary precedent. Each workshop will engage a wide variety of media and technical information, culminating in the development of ideas into visual formats.

**Class requirements:** 1-hour lecture, 2-hours workshop, per week.

**Assessment:** portfolio assignments/projects (80%), Workshop Journal (20%). Each assignment/project (of which there will be four, each assessed at 20%) is thematic and discipline-based, and will engage elements taught within each Workshop.

Assignments/projects will be assessed on the evidence of the student's ability to:

- utilise a range of materials in a competent manner;
- demonstrate a good understanding of 2D & 3D problem solving in that specific media;
- demonstrate an ability to work set assignments/projects through to a satisfactory conclusion; and
- document relevant technical and conceptual information within a journal format.

The Workshop Journal will record the development of the work within a technical and conceptual format (minimum of 30 pages).

### Recommended Reading:

Bann, Stephen (1991) *Interpreting Contemporary Art*. London: Reaktion.

Gibson, J (1987) *Pottery Decoration - Contemporary Approaches*. London: A&C Black.

Nicolaides, K (1969) *The Natural Way to Draw*. Boston, USA: Houghton Mifflin Company, USA.

### 2D & 3D MEDIA WORKSHOP 2 (15 CPs. Sem. II. Be.) BVA123W2 Mr David Stuchbery

This subject consists of self contained Workshops providing technical knowledge of media and materials. The Workshops are provided over four (4) week blocks offering simultaneously each of the media of Drawing, Painting and Ceramics. Students select a combination of workshops in these media.

The Workshops are designed to develop the students' visual thinking, and to introduce them to individual visual problem solving related to the media investigated.

The objectives of these Workshops are to consolidate students' knowledge of materials and media and to be introduced to concepts of independent Workshop research and inquiry in relation to visual outcomes.

**Prerequisite:** BVA123W.

**Class requirements:** 1-hour lecture, 2-hours workshop, per week.

**Assessment:** portfolio assignments/projects (75%), and a Workshop Journal (25%). Each assignment/project (of which there will be three, each assessed at 25%) is thematic and discipline-based and will engage elements taught within each Workshop. Assignments/projects will be assessed on the evidence of the student's ability to:

- utilise a range of materials in a competent manner;
- demonstrate a good understanding of 2D & 3D problem solving in that specific media;
- demonstrate an ability to work set assignments/projects through to a satisfactory conclusion; and
- document relevant technical and conceptual information within a journal format.

The Workshop Journal will record the development of the work (minimum 30 pages).

### Recommended Reading:

De Saumarez, Maurice. (1964) *Basic Design/the dynamics of visual form*. Reinhold Pub. Corp.

Hale, R. (1964) *Drawing Lessons from the Great Masters*. New York: Watson - Guptill Publications.

Speight, C.F. (1989) *Hands in Clay - An Introduction to Ceramics*. Calif: Mayfield Publishing.

### 2D & 3D MEDIA WORKSHOP 3 (15 CPs. Sem. I. Be.) BVA223W3 Mr David Stuchbery

This subject consists of self contained, media-specific Workshops with emphasis upon technical information provided over three (3) week blocks offering simultaneously each of the media of Drawing, Painting and Ceramics. Students select a combination of workshops in these media.

Emphasis is placed upon technical competence, and image-making ability will be developed throughout the programme. The objectives of these Workshops are to consolidate students' knowledge of materials, process and media; experiment with various media which may be relevant to their particular enquiry; and commence to generate individual ideas from which their work will evolve.

**Pre-requisite:** BVA123W.

**Class requirements:** one-hour lecture, one 2-hours workshop, per week.

**Assessment:** portfolio assignments/projects (75%), and a Workshop Journal (25%). Each assignment/project (of which there will be three, each assessed at 25%) is thematic and discipline-based and will engage elements taught within each Workshop. Assignments/projects will be assessed on the evidence of the student's ability to:

- utilise a range of materials in a competent manner;
- demonstrate a good understanding of 2D & 3D problem solving in that specific media;
- demonstrate an ability to work set assignments/projects through to a satisfactory conclusion; and
- document relevant technical and conceptual information within a journal format.

The workshop Journal will record the development of the work (minimum of 50 pages)

### Recommended Reading:

Betti, S. and Sale, S. (1980) *Drawing - A Contemporary Approach*. USA: Holt, Rinehart & Winston.

Daly, G. (1995) *Glazes and Glazing Techniques*. NSW: Kangaroo Press.

Politi, Giancarlo. (1989) *Special Effects: the photographic experience in contemporary art*. Milan.

### 2D & 3D MEDIA WORKSHOP 4 (15 CPs. Sem. II. Be.) BVA223W4 Mr David Stuchbery

This subject consists of self contained, media specific Workshops with emphasis upon technical information which are provided over three (3) week blocks offering simultaneously in each of the media of Drawing, Painting and Ceramics. Students select a combination of workshops in these media.

The objectives of these Workshops are to develop students' own specific use of media, based upon clearly demonstrated technical command of appropriate processes; and to develop sound problem-solving skills in their selected media.

**Pre-requisite:** BVA223W.

**Class requirements:** one 1-hour lecture, one 2-hours workshop, per week.

**Assessment:** portfolio assignments/projects (75%), and a Workshop Journal (25%). Each assignment/project (of which there will be three, each assessed at 25%) is thematic and discipline-based and will engage elements taught within each Workshop. Assignments/projects will be assessed on the evidence of the student's ability to:

- utilise a range of materials in a competent manner;
- demonstrate a good understanding of 2D & 3D problem solving in that specific media;
- demonstrate an ability to work set assignments/projects through to a satisfactory conclusion; and
- document relevant technical and conceptual information within a journal format.

The Workshop Journal will record the development of the work (minimum of 50 pages).

#### **Recommended Reading:**

Bro, L. (1992) *Figure & Form*. USA: Brown Publications.  
 Drucker, Johanna. (1994) *The Visible World: experimental typography and modern art*. Chicago: University of Chicago Press.  
 Hopper, R. (1984) *The Ceramic Spectrum - A Simplified Approach to Glaze and Color Development*. UK: Collins.

#### **2D & 3D MEDIA WORKSHOP 5 (15 CPs. Sem. I. Be.) BVA323W5 Mr David Stuchbery**

This subject consists of self contained Workshops providing technical knowledge. The Workshops are provided over three (3) week blocks offering simultaneously each of the media of Drawing, Painting and Ceramics. Students select a combination of workshops in these media.

Substantial depth of media investigation is expected, resulting in the development of a cohesive body of work in relation to set projects. These projects will be negotiated between the student and staff member responsible for the specific Workshop, and will form discrete studies of appropriate technical aspects of media selected.

The Workshops aim to develop the students' self direction, organisation, selection and utilisation of appropriate materials, processes and media; and to increase students' ability to invent visual solutions to set problems.

**Pre-requisite:** BVA223W4.

**Class requirements:** one 1-hour lecture, one 2-hours workshop, per week.

**Assessment:** portfolio assignments/projects (75%), and a Workshop Journal (25%). Each assignment/project (of which there will be three, each assessed at 25%) is thematic and discipline-based and will engage elements taught within each Workshop. Assignments/projects will be assessed on the evidence of the student's ability to:

- utilise a range of materials in a competent manner;
- demonstrate a good understanding of 2D & 3D problem solving in that specific media;
- demonstrate an ability to work set assignments/projects through to a satisfactory conclusion; and
- document relevant technical and conceptual information within a journal format.

The Workshop Journal will record the development of the work (minimum of 70 pages).

#### **Recommended Reading:**

Eastice, W. and Peters, M. (1990) *Drawing: Space, Form, Expression*. New Jersey: Prentice-Hall.  
 Fer, Briony. (1997) *On Abstract Art*. New Haven: Yale University Press.  
 McMeekin, I. (1978) *Notes for Potters in Australia*. Sydney: NSW Press.

#### **2D & 3D MEDIA WORKSHOP 6 (15 CPs. Sem. II. Be.) BVA323W6 Mr David Stuchbery**

This subject consists of self contained Workshops providing advanced technical knowledge of selected media. The Workshops are provided over three (3) week blocks offering simultaneously each of the media of Drawing, Painting and Ceramics. Students select a combination of workshops in these media.

Such media will be determined by preliminary research and experimentation, and outcomes will be determined by the student's ability to understand, communicate and demonstrate a personal position with regard to media usage and technical command of the appropriate processes covered in each Workshop.

Projects will be negotiated between the student and staff member responsible for the specific Workshop, and will form discrete studies of appropriate technical aspects of media selected.

**Pre-requisite:** BVA323W5.

**Class requirements:** one 1-hour lecture, one 2-hours workshop, per week.

**Assessment:** portfolio assignments/projects (75%), and a Workshop Journal (25%). Each assignment/project (of which there will be three, each assessed at 25%) is thematic and discipline-based and will engage elements taught within each Workshop. Assignments/projects will be assessed on the evidence of the student's ability to:

- utilise a range of materials in a competent manner;
- demonstrate a good understanding of 2D & 3D problem solving in that specific media;
- demonstrate an ability to work set assignments/projects through to a satisfactory conclusion; and
- document relevant technical and conceptual information within a journal format.

The Workshop Journal will record the development of the work (minimum of 70 pages).

#### **Recommended Reading:**

Currie, I. (1987) *Stoneware Glazes - A Systematic Approach*. Qld: Bootstrap Press.  
 Oliveira, Nicholas de. (1997) *Installation Art*. London: Thames and Hudson.  
 Rose, B. (1992) *Allegories of Modernism*. New York: Contemporary Museum of Modern Art.

#### **2D & 3D STUDIO THEORY 1 (15 CPs. Sem. I. Be.) BVA123T1 Mr David Stuchbery**

This subject introduces students to approaches in observational, analytical and expressive methods, and develops the student's critical awareness of their own studio practice and its conceptual and theoretical foundation together with skills within or across the media of Painting, Drawing and Ceramics. Each component will engage elements specific to that discipline and will be primarily directed to the development of students' confidence and the acquisition of skills through research, experimentation and the relationship between the technical and aesthetic properties of the work.

**Co-requisite:** BVA123W.

**Class requirements:** one 1-hour lecture, one 2-hours studio contact, 3-hours directed studio research/consultation per week.

**Assessment:** portfolio submission (100%). The portfolio submission will comprise:

- a body of directed Studio work. worth 80% and
- Artist's Journal (containing visual and literary underpinning of portfolio work) worth 20%.

#### **Recommended Reading:**

Bowen, R. (1995) *Drawing Masterclass*. London: Ebury Press.  
 Hughes, Robert. (1990) *Nothing if not critical: selected essays on art and artists*. London: Collins/Harvill.  
 Slivka, R. and Tsujimoto, K. (1995) *The Art of Peter Voulkos*. NY: Kodansha International.

#### **2D & 3D STUDIO THEORY 2 (15 CPs. Sem. II. Be.) BVA123T2 Mr David Stuchbery**

This subject will be specifically directed by set projects, lectures, tutorials and critiques, with emphasis upon the notion of research and studio theory, including the conceptual and philosophical underpinnings of creative work. There will be a major focus on interpretation and understanding, informing the individual student's acquisition of appropriate working methods, resources, skills and knowledge necessary for the successful articulation of the translation of their concepts into practice.

**Pre-requisite:** BVA123T.

**Co-requisite:** BVA123W.

**Class requirements:** one 1-hour lecture, 2-hours studio contact, 3-hours directed studio research/consultation per week.

**Assessment:** portfolio submission (100%). The expected outcome is a cohesive folio, comprising set and self-initiated projects that demonstrates the resolution of media and thematic experimentation across or within the media of Painting, Ceramics and Drawing.

The portfolio submission will comprise:

- a body of directed and approved self-initiated Studio work 80%
- Artist's Journal (containing visual and literary underpinning of portfolio work) 20%.

#### **Recommended reading:**

Bryson, Norman. (1991) *Visual theory: painting and interpretation*. Cambridge.

Clark, G. (1995) *A Complete History of Pottery in Britain*. London: Phaidon.

Collier, G. Form. (1972) *Space & Vision: Understanding art*. New Jersey: Prentice Hall.

**2D & 3D STUDIO THEORY 3 (15 CPs. Sem. I. Be.) BVA223T3 Mr David Stuchbery**

This subject aims to develop relevant research and theoretical comprehension, and an awareness of aesthetic and individual concerns within a more conceptually demanding Studio context. The student will undertake projects aimed at encouraging a creative, conceptual and professional approach to their chosen discipline, enabling the realisation of a more individualistic means of artistic expression, within a contemporary arts practice context. Studio program activity is driven by individual research, theoretical application, group and individual critiques, seminars, reviews and a formal lecture program.

*Pre-requisite:* BVA123T.

*Co-requisite:* BVA223W.

*Class requirements:* one 1-hour lecture, 2-hours staff contact, 3-hours directed studio research/consultation per week.

*Assessment:* portfolio submission (100%). Portfolio submission will derive from the student's approved, self initiated study/research program.

The portfolio submission will comprise:

- a body of Studio work (together with approved, self-initiated study/research proposal) 80%
- Artist's Journal (containing visual and literary underpinning of portfolio work) 20%.

**Recommended reading:**

Clark, G. (1979) *American Ceramics - 1876 to the present*. NY: Abbeyville Press.

Kaupelis, R. (1980) *Experimental Drawing*. New York: Watson-Guptill Publications.

Klotz, Heinrich. (1997) *Contemporary Art*. Munich/New York: Prestel Verlag.

**2D & 3D STUDIO THEORY 4 (15 CPs. Sem. II. Be.) BVA223T4 Mr David Stuchbery**

This subject aims to consolidate knowledge, skills and aptitudes, and to further extend and develop creative strategies explored in preceding Studio study. Students will be encouraged to establish their own research areas and determine their own studio direction. In consultation with staff, the student will formulate an individual statement, clearly outlining their intended area of visual research and studio work program. Emphasis is placed upon fostering that which is unique, personally appropriate and of value to the student's creative endeavour, based upon contemporary theoretical concerns and historical precedent. General Studio activity is individualised, with discussion taking place at all stages of program development.

*Pre-requisite:* BVA223T.

*Co-requisite:* BVA223W.

*Class requirements:* one 1-hour lecture, 2-hours staff contact, 3-hours self-directed studio research/consultation per week.

*Assessment:* portfolio submission (100%). The portfolio submission will comprise:

- a body of Studio work (together with approved, self-initiated study/research proposal) worth 80% and
- Artist's Journal (containing visual and literary underpinning of portfolio work) worth 20%.

**Recommended reading:**

Berger, John. (1979) *Essays in seeing*. London: Writers and Readers.

Godfrey, T. (1990) *Drawing Today*. Oxford: Phaidon Press.

Sanders, H. (1982) *The World of Japanese Ceramics*. Tokyo: Kodansha International.

**2D & 3D STUDIO THEORY 5 (15 CPs. Sem. I. Be.) BVA323T5 Mr Barry Weston**

This subject aims to provide an environment which will encourage greater confidence, creativity and command of a visual language, in pursuit and resolution of the student's stated ideas, themes, research interests and theoretical concerns. The focus of all components will be upon the development of the individual's approach to substantial personal disciplinary research, development of theoretical, intellectual and practical skills in studio work, and the student's ability to engage in critical discourse in relation to their work. To this end, students will be required to initiate, develop and undertake a program of approved independent study in a chosen discipline, approved by the lecturer responsible. General studio activity is individualised, with discussion taking place at all stages of program development.

*Prerequisite:* BVA223T.

*Co-requisite:* BVA323W.

*Class requirements:* one 1-hour lecture, 2-hours staff contact, 3-hours self-directed studio research/consultation per week.

*Assessment:* portfolio submission (100%).

**Recommended reading:**

He Li. (1996) *Chinese Ceramics - The New Standard Guide*. London: Thames & Hudson.

McIntyre, A. (1988) *Australian Contemporary Drawing*. Australia: Boolarong Publications.

Murphy, Bernice. (1993) *Museum of Contemporary Art - vision and context*. Sydney: Museum of Contemporary Art.

Simmons, S. and Winer, M. (1977) *Drawing. The Creative Process*. USA: Prentice Hall Press.

**2D & 3D STUDIO THEORY 6 (15 CPs. Sem. II. Be.) BVA323T6 Mr Barry Weston**

This subject enables students to undertake a program of individual and independent study and research in a chosen discipline. The focus of all components will be upon the development of the individual's approach to substantial personal disciplinary research, development of theoretical and practical skills in studio work, and the student's ability to engage in critical discourse in relation to their work, culminating in a professional body of work of exhibition standard. Students will be required to initiate, develop and undertake a program of approved independent study, approved by the lecturer responsible. General studio activity is individualised, with discussion taking place at all stages of program development.

*Prerequisite:* BVA323T.

*Co-requisite:* BVA323W.

*Class requirements:* one 1-hour lecture, 2-hours staff contact, 3-hours self-directed studio research/consultation per week.

*Assessment:* portfolio submission (100%). The portfolio submission will comprise:

- a body of Studio work (together with approved, self-initiated study/research proposal) worth 80% and
- Artist's Journal (containing visual and literary underpinning of portfolio work) worth 20%

**Recommended reading:**

Farrell, Anne. (1996) *Blurring the Boundaries, Installation Art 1969-1996*. Art Publishers.

France, C. and Gazzard, M. (1994) *Maria Gazzard: Form and Clay*. Sydney.

**ABORIGINAL HEALTH (15 CPs. Sem. I. Be.) BHS8AH Ms Denise Main**

This subject provides cross cultural experiences that enable students to examine and compare the values of Primary Health Care, and Health Promotion with how Australia's health care system addresses the health care needs of the Aboriginal population. The subject includes field work and learning experiences provided by Aboriginal people. The subject will be taught using a combination of lectures, tutorials, guest presentations and field studies.

*Prerequisite:* public health principles, or similar.

*Class requirements:* four day field studies and two two-day study blocks.

*Assessment:* minor assessment (40%) and major assessment (60%).

**Prescribed reading:**

Eckermann et al. (1995) *Binan Goonj: Bridging Cultures in Aboriginal Health*. Armidale NSW: University of New England Press.

**ACADEMIC SKILLS FOR TERTIARY STUDY A (15 CPs, Sem. I & II. Be.) BST1ASA Ms Karin Moses**

*Offered subject to sufficient enrolments.*

This subject seeks to develop students' academic skills and provide them with the ability to present oral and written work at the required level of technicality, formality and abstraction. Although students are given the opportunity to improve their oral presentation skills, much of the focus is on the writing of research reports and essays. After the successful completion of this course, students will be able to deliver a coherent and logically sequenced tutorial presentation, interpret assignment and examination questions and topics, take concise and reliable notes, read more effectively, use appropriate and accurate vocabulary and grammatical structures, write coherent and logically sequenced paragraphs, use references to retrieve and signal information as required, understand and use appropriate staging for a variety of academic genres and prepare an outline for and write reports and essays.

*Class requirements:* four hours per week.

*Assessment:* exercises, assignments and an examination (100%).

**ACADEMIC SKILLS FOR TERTIARY STUDY B (ESL) (15 CPs, Sem. I & II, Be.) BSTIASB Ms Karin Moses**

*Offered subject to sufficient enrolments.*

This subject is designed for students from non-English speaking backgrounds. The course aims to improve student's language skills so they can present oral and written work at the level required at university. The course focuses on providing students with the opportunity to practice the skills needed to use appropriate and accurate vocabulary and grammatical structures, give a successful tutorial presentation, interpret assignment and examination questions and topics, take concise and reliable notes, read more effectively, write coherent and logically sequenced paragraphs, use references to retrieve and signal information as required, understand and use appropriate staging for a variety of academic genres and prepare an outline for and write reports and essays.

*Class requirements:* four hours per week.

*Assessment:* exercises, assignments and an examination (100%).

**ACCOMMODATION MANAGEMENT OPERATIONS 1 (15 CPs, Sem. I, Be.) BACMO1 Mr Ian Pinge**

There is a strong emphasis on acquiring practical skills through exposure to real operating environments. This subject provides the basic introduction to hotel and accommodation management, providing students with practical skills and an understanding of reception procedures and administration for different types of accommodation operations. Students are introduced to front office and concierge services, and to basic clerical and auditing procedures required to deliver accommodation services.

This subject is offered at the following locations:- Goulburn Oven TAFE (Shepparton), La Trobe University (Mt. Buller), Northern TAFE (Preston), William Angliss TAFE (Melbourne) Bendigo Regional Institute of TAFE (Bendigo).

*Class requirements:* 8-hours classroom and practical work per week.

The practical work in this subject is done at BRIT.

*Assessment* practical work - competence by task assessment (75%), one 1.5-hour examination (25%).

**ACCOMMODATION MANAGEMENT SUPERVISION 1 (15 CPs, Sem. II, Be.) BACMS1 Mr Ian Pinge**

This subject is a continuation of Accommodation Management Operations I taught in semester 1. It expands on the student's understanding of hotel and accommodation management with an emphasis on "front office" and "housekeeping" administration. Other topics include guest relations, reception computer operations, and practical training in room service and cleaning. The subject also includes a compulsory first-aid training course.

This subject is offered at the following locations:- Goulburn Oven TAFE (Shepparton), La Trobe University (Mt. Buller), Northern TAFE (Preston), William Angliss TAFE (Melbourne), Bendigo Regional Institute of TAFE (Bendigo).

*Prerequisite:* BACMO1.

*Class requirements:* 8-hours of classroom and practical work per week. The practical work in this subject is done at BRIT.

*Assessment* practical work - competence by task assessment (75%), one 1.5-hour examination (25%).

**ACCOUNTING FOR MANAGEMENT DECISIONS (15 CPs, Sem. I & II, Be., Mi.) BACCAMD Mr Premasiri Yapa**

*(This subject replaces Introduction to Business)*

The aim of this subject is to introduce students to both theoretical and practical aspects of business. This will in turn provide a background for the introduction of a range of topics aimed at assisting the student in understanding how information is accumulated, analysed and used to assist the decision making process.

Whilst the accounting information system is a major information source, some fundamental techniques and approaches to planning, analysis and control are included, rather than the traditional double entry approach.

*Class requirements:* two 1-hour lectures and one 2-hour workshop.

*Assessment:* 3-hour examination (60%), tutorial participation (5%), 50 minute test (10%), one 1,000 word assignment plus technical analysis (15%).

**Prescribed reading:**

Bazley, M., Hancock, P., Berry, A. and Jarvis, R. (1997) *Contemporary Accounting: A conceptual approach*. 3rd edn Nelson I. T. P. Melbourne.

**ACCOUNTING RESEARCH ESSAY (30 CPs, Sem. II, Be.) BACCXAR Dr Genevieve Thomson**

This subject is part of the Accounting Honours program. Students will select a topic in their interest area and are required to submit a

formal proposal to the School's Honours Committee for approval.

Approval of the topic depends on the suitability of the topic proposed and the availability of appropriate facilities and supervision.

*Prerequisites:* BMGTXRS, and entry to Bachelor of Business (Honours) in Accounting.

*Class requirements:* independent study under guidance of a supervisor.

*Assessment:* 8,000 – 10,000 word research essay (100%). Progress reports are required at four weeks and ten weeks into the course.

**ADAPTED PHYSICAL EDUCATION (20 CPs, Sem. I, Be.) BPE4APE Mr Gary Crouch**

Through lectures, practical sessions and field work, students become familiar with a wide range of disabilities, with the major objective being able to cater for interests, needs and abilities of those individuals when planning and implementing physical education programs in the regular school and physical recreation in community settings.

*Prerequisite:* Bachelor of Teaching.

*Class requirements:* 60-hours completed through vacation school, week-end classes and field work.

*Assessment:* assignments (50%) and field work (50%).

**Prescribed reading:**

Downs, P. (1995) *Willing and Able*, Canberra: Australian Sports Commission.

**ADOLESCENT HEALTH (15 CPs, Sem. I, Be.) BHS3AH Ms Glenda Verrinder**

*Not available in 2000.*

**ADVANCED AUSTRALIAN POLITICS (15 CPs, Sem. I, Be., Mi., Sh.) BPAU23AP Mr Ian Tulloch**

Some of the significant interest groups in the Australian political system are examined in terms of the issues which mobilise them and evaluated for their influence on the decision-making process. Groups studied may include business, labour, women, aborigines, the media, rural interest groups, political extremes, migrants and environmental organisations.

*Prerequisite:* BPAU1AP1 and BPR1PIR, or BSA101 and BS1ASB.

*Class requirements:* one hour lecture and two hours tutorial.

*Assessment:* 2,000 word essay (30%), seminar paper (30%), 2000 word essay (30%) and tutorial participation (10%).

**ADVANCED DATABASE (15 CPs, Sem. II, Be.) BIXADB Mr John Olle**

A selection will be made from advanced topics in database including advanced relational database theory, database design methodologies, information retrieval databases, full text databases, distributed databases, object-oriented databases, very large databases, data warehouses, data mining, and Web databases.

*Prerequisite:* approval of the School's Honours or Higher Degrees Committee.

*Class requirements:* three hours per week.

*Assessment:* cumulative assessment: (100%).

**ADVANCED MANAGERIAL ACCOUNTING (15 CPs, Sem. I, Be.)****BACCXAM Dr Genevieve Thomson**

This subject is part of the Accounting Honours program. Students will be expected to critically discuss and evaluate issues from the assigned readings and raise questions on the topic under consideration. Topics include: Current developments in management accounting. The conceptual framework. Roles of accounting information. Factors affecting the effectiveness of management accounting systems: individual level variables (budget participation); interpersonal variables (e.g. leadership style); contextual variables considerations – technology, environment, structure; strategy and control systems; cultural factors and management control.

*Prerequisites:* BACCMA1, and entry to the Bachelor of Business (Honours) in Accounting.

*Class requirements:* one 3-hour seminar per week.

*Assessment:* seminar participation, project and examination. (100%).

**ADVANCED MEDICATION MANAGEMENT (15 CPs, Sem. II, Be.)****BHS8AMM Ms Sharon Kendall**

*Offered subject to sufficient enrolments.*

This subject builds on students' knowledge of safe and ethical practice in medical administration. The subject will extend students understanding of relevant concepts and principles through the development of detailed knowledge and practical skills. Content includes administration of medications, pharmacology, pharmacokinetics, drug groups, ethical and legal issues related to therapeutic drug administration and drug calculation.

*Class requirements:* 39-hours block mode.

*Assessment:* 3-hour examination (60%) and a case study (40%).

**ADVANCED OUTDOOR EDUCATION PRACTICAL HONOURS (30 CPs. All year. Be.) BOE4APR Dr Mary-Faeth Chenery**

This subject provides an opportunity for students to focus on and develop several areas within their practice as an outdoor educator. Students develop a plan for 30 days of supervised teaching practice and observation through which to explore their identified areas of study. The particular practice opportunities are negotiated with a nominated practical supervisor.

**Class requirements:** 30 days supervised teaching practice and observation.

**Assessment:** descriptive assessment (100%). Assessment is based on participation in practical work, a journal and a final 3,000-word paper.

**ADVANCED READINGS IN HEALTH SCIENCE (20 CPs. Sem. II. Be.) BHS8ARH Ms Helen Keleher**

This course comprises an examination in depth of a subject of the student's choice under contract terms. Topics can be selected from a range of topics relevant to health and will be negotiated with staff members in consultation with the Course coordinator. A subject in advanced readings is an individually negotiated program. The program offers students considerable flexibility in the selection of topics and as long as the contract terms are met, students can complete the subject requirements around other commitments.

**Class requirements:** three hours per week.

**Assessment:** 6,000-7,000 word project (100%).

**ADVANCED TAXATION LAW (15 CPs. Sem. II. Be.) BLAWTL Ms Dianne Brockley**

The subject is designed to develop a deeper understanding of the practical aspects of Commonwealth Income Taxation legislation and consider contemporary developments in the field. Topics include capital gains tax, fringe benefits tax, dividend imputation, special categories of taxpayers, assignment of income and income splitting, statutory restriction on tax avoidance, taxation office audits, penalties and offences, tax incentives and industry concessions, retirement payments, superannuation, consideration of various income tax rulings and introduction to tax planning.

**Prerequisite:** BLAWT.

**Class requirements:** three hours per week.

**Assessment:** 3,500 word major project (40%), 1,500 – 2,000 word minor report (20%) 1,500 – 2000 word minor report (20%) 1,500 – 2000 word minor report (20%).

**Prescribed reading:**

Woellner, Vella and Burns, Barkoczy (2000), *Australian Taxation Law* 10th edn.

CCH Income Tax Legislation.

**ADVENTURES IN EDUCATION (20 CPs. Sem. II. Be.) BES4AE Dr Phillip Payne**

This subject provides students with the opportunity to explore some of the major philosophical systems and ideologies that have shaped educational thought and practice. Participants undertake some historic research into an area of personal interest, such as ancient education in Greece and Rome, education in middle ages and renaissance, pioneers of 17th and 18th century education, 19th century and the growth of national systems of education in Germany, France, Britain, Australia, USA, etc., John Dewey and pioneers of child-centred education such as Montessori, Neill, Steiner, etc., 20th century Australian education and recent trends in Western education.

**Class requirements:** negotiable. Combination of group or individual meetings as required, plus frequent contact by telephone or periodic newsletters.

**AGEING IN THE COMMUNITY (15 CPs. Sem. II. Be.) BHS8AC Ms Julie Ellis-Scheer**

*This subject is taught in Block Mode delivery:*

Students study the psycho-social and physiological aspects of ageing that are relevant to effective evaluation and delivery of aged care services, including health assessments, common problems experienced by elderly people and aged care issues.

**Class requirements:** three hours per week.

**Assessment:** assignment (50%) and examination (50%).

**ALGEBRA (15 CPs. Sem. II. Be.) BMATHLG Dr John Schutz**

*Algebra is offered only in even-numbered years.*  
This subject introduces the basic concepts of modern abstract algebra, in particular groups and rings.

**Prerequisite:** BMATHCA3.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), assignments (30%) class presentation (10%). Students will complete three assignments worth 10% each.

**Prescribed reading:**

Fraleigh, J. B. (1994) *A First Course in Abstract Algebra* 5th edn Addison-Wesley, Reading.

**AMERICAN CINEMA (20 CPs. Sem. II. Be.) BLFA23AC Dr Harry Oldmeadow**

An intensive and specialised study of the classical American cinema with particular attention to Hollywood genres. This subject will enhance students' skills in the analysis of cinematic texts, and develop a greater understanding of the development of film theory and critical practice.

**Class requirements:** 4 hrs lectures, screenings, discussions per week.

**Assessment:** 3,000 words research essay (50%), one 2-hour examination (35%), participation in class discussions (15%).

**Prescribed reading:**

Course anthology for American Cinema.

**AMERICAN LITERATURE (20 CPs. Sem. I. Be.) BLFA23AL Mr Maurie Nestor**

*Not available in 2000.*

**AMERICAN REFORMERS (20 CPs. Sem. I. Be.) BPR3AR Dr Al Gabay**

*Not available in 2000.*

**APPLIED CALCULUS (15 CPs. Sem. I. Be.) BMATHAPC Dr Robert Champion**

The identification and understanding of relationships between variables is a fundamental aim of science. Calculus is an essential mathematical tool used for this purpose. This subject provides an introduction to differential and integral calculus with applications in science and geometry. It is structured for students who have not studied calculus previously, or who do not intend to pursue major studies in mathematics.

**Prerequisite:** a unit 1 and 2 VCE Mathematics block.

**Incompatible subject:** BMATHCA1.

**Class requirements:** four hours per week.

**Assessment:** one 3-hour examination (70%), tests (30%).

**Prescribed reading:**

Stewart, J. (1998) *Calculus Concepts and Contexts*. Single Variable edn Brooks/Cole, Pacific Grove.

**APPLIED ECONOMIC ANALYSIS 3 (15 CPs. Sem. I. Be.) BECOAE3 Mr Ian Pinge**

This subject emphasises the application of regression analysis in a non-technical manner. Topics covered will be applied demand and supply analysis, macro-economic model building and estimation, presentation of regression results and interpretation of results based on theory. Students will develop areas of their own interest, such as marketing and therefore develop and reinforce theory from other disciplines.

**Prerequisite:** BECOMI1, BECOMA1, BMATHFOR.

**Class requirements:** three hours per week.

**Assessment:** Cumulative assessment and research project. (100%).

**APPLIED DESIGN 1 (15 CPs. Sem. I. Be.) BVA1AD1 Mr Geoff Hocking and Mr Paul Morris**

The application of techniques for visual communication is at the core of this unit. Through applied projects such essential skills as construction techniques, layout visualisation and presentation, applied drawing, photo mechanical and reproductive techniques, photographic and typographic application are developed.

**Class requirements:** one 1-hour lecture, 3-hours practical per week.

**Assessment:** projects (100%). Students will complete 10 assigned projects worth 10% each on typographic style, page layout, production techniques, design applications, and construction techniques..

**Recommended reading:**

Spiekerman, E. & Ginger, E. M. (1993) *Stop Stealing Sheep and find out how type really works*. California: Adobe Press.

Craig, J. (1974) *Production For The Graphic Designer*. New York: Watson-Guptill.

Craig, J. (1990) *Basic Typography: A Design Manual*. New York: Watson-Guptill.

**APPLIED DESIGN 2 (15 CPs. Sem. II. Be.) BVA1AD2 Mr Geoff Hocking and Mr Paul Morris**

The creation of integrated design solutions to both two dimensional and 3 dimensional applied projects is the focus of this subject.



Creative design solutions are a major element in effective communication, and emphasis is placed on the creative interplay between words, text, images, ideas, and typography.

Package design is investigated through model making, packaging and three-dimensional construction activities, and copywriting skills, combining words and images are developed.

**Pre-requisite:** BVA1AD.

**Class requirements:** one 1-hour lecture, one 3-hours practical classes per week.

**Assessment:** projects (100%). Students will complete five assigned projects worth 20% each.

1. Packaging, 2. Page design/grid layout, 3. Computer techniques/applied project, 4. Model making for photographic resolution, 5. Event promotion/Marketing concepts.

#### **Recommended reading:**

Booth-Clibborn, E. and Baroni, D. (1980) *The Language Of Graphics*. London: Thames & Hudson.

Glaser, M. (1973) *Graphic Design*. New York: Overlook Press.

Morgan, C. L. (1997) *Packaging Design*. Switzerland: Rob Vision SA.

#### **APPLIED DESIGN 3 (15 CPs. Sem. I. Be.) BVA2AD3 Mr Geoff**

*Hocking and Mr Paul Morris*

Using a variety of layout exercises, the concept of Advertising Design as a unique study is developed.

The exercises incorporate applied photography and digital technology for realisation of original concepts. All students will be expected to develop a basic and working understanding of the following computer applications within this unit : Adobe illustrator, Photoshop (Scanning and Image manipulation), QuarkXpress.

**Pre-requisite:** BVA1AD.

**Class requirements:** one 1-hour lecture, one 3-hours practical, per week. **Assessment:** projects (100%). Students will complete four assigned projects worth 25% each.

Students will complete each of the following projects: (1) Computer applications/Illustrator techniques. Applied project/soft drink can design. (2) Computer applications/Photoshop techniques. Applied project/advertising photo manipulation. (3) Computer applications/Quark Xpress techniques. Applied project/book pages, cover design. (4) Application of techniques to design project. Poster design.

#### **Preliminary Reading:**

Dayton, L. (1997) *Photoshop 4 Wow! Book*. Peachpit Press.

Golding, M. (1997) *Teach Yourself Illustrator in 24 Hours*. Hayden.

**Recommended reading:** Sterrer, S. (1996) *The Illustrator 6 Wow Book*. Peachpit Press.

Weinmann, E. (1997) *Photoshop 4 Mac. Visual Quickstart Guide*. Peachpit Press.

Weinmann, E. (1994) *Visual Quickstart Guide to Quarkxpress*. Peachpit Press.

#### **APPLIED DESIGN 4 (15 CPs. Sem. II. Be.) BVA2AD4 Mr Geoff**

*Hocking and Mr Paul Morris*

Through assigned projects, students will be able to develop a wide range of essential skills in the area of digital technology. All projects will be taken to laser printing, some projects will be taken to film output in preparation for print. Scanning, re-screening, image manipulation, layers, clipping paths, file management and proofing are essential skills to be mastered in this subject.

**Pre-requisite:** BVA2ADA.

**Class requirements:** one 1-hour lecture, one 3-hours practical, per week.

**Assessment:** projects (100%). Students will complete four assigned projects worth 25% each. Students will complete each of the following projects: (1) Photography/manipulation techniques. Assigned project/exhibition Poster design. (2) Visual merchandising. (3) Product merchandising. (4) Page layout/spread design.

#### **Recommended reading:**

Hayden. (1994) *Advanced Adobe Photoshop for Macintosh*. Adobe Press Adobe Systems Staff.

Evans, P. (1998) *Fresh Ideas in Photoshop*. F & W Pub.

Blatner & Taub. (1994) *QuarkXPress Book*. 4th Edition for Macintosh. Peachpit Press.

#### **APPLIED DESIGN 5 (15 CPs. Sem. I. Be.) BVA3AD5 Mr Geoff**

*Hocking and Mr Paul Morris*

This subject attempts to approximate the working environment through its industrial application. A series of professional briefs is actively sought and students are expected to complete a minimum of 5 submissions to clients in response to these briefs.

A substantial and complex assignment (16 page Booklet Design) is essential for all students. Aspects of content, research, typesetting,

scanning, re-screening, file management and digital proofing are taken to professional standard. Book and newspaper design as assigned projects are also integral to this study.

**Pre-requisite:** BVA2AD4.

**Class requirements:** one 1-hour lecture, one 3-hours practical per week.

**Assessment:** projects. (100%). Students will complete four assigned projects worth 25% each. Students will complete each of the following projects : (1) 16 page booklet production techniques 30%. (2) Brochure design/photography 15%. (3) Book packaging, text style and page design 15%. (4) Newspaper head, text style, specialist page design 15%. (5) Layout production exercises 5 x 5% each.

#### **Recommended reading:**

Baldwin, H. (1997) *Director 6 for Macintosh (Visual Quickstart Guide)*. Peachpit Press.

Fahey, M. (1997) *Web Publishers Design Guide for Macintosh*. Coriolis G.

Salles, Poyssick & Behoriam. (1995) *Adobe Photoshop Creative Techniques*. Hayden.

#### **APPLIED DESIGN 6 (15 CPs. Sem. II. Be.) BVA3AD6 Mr Geoff**

*Hocking and Mr Paul Morris*

Presentation of design artwork for print reproduction is the focus of this subject. Two compulsory assignments and a minimum of five professional briefs (selected from a larger offering) are essential to complete a final folio presentation.

The production of a Corporate Style Manual, with documented research and project design proposals, is an integral component of project submission. Combined digital art for a Full-Colour personal business card is also a compulsory assignment. Some work including the business card will be taken to print. Aspects of billing, client liaison and production management are investigated.

**Pre-requisite:** BVA3AD5

**Class requirements:** one 1-hour lecture, one 3-hours practical per week.

**Assessment:** (1). Corporate Style. Research, text & design solution presentation (50%). (2) Full colour art production/disk, film, print (15%). (3) Final folio page/disk, film, print (15%) and (4) Applied commercial projects (20%). Students will be required to complete four Applied commercial projects (5% each).

#### **Recommended reading:**

Carson, D. and Blackwell, L. (1995) *The End Of Print. The Graphic Design of David Carson*. London: Laurence King.

Heller, S. and Chwast, S. (1998) *Graphic Style: From Victorian to Post-modern*. London: Thames & Hudson.

Olins, W. (1990) *Corporate Identity: Making business study visible through design*. Boston: Harvard Business School Press.

#### **APPLIED MICROECONOMIC ANALYSIS 3 (15 CPs. Sem. II. Be.)**

**BECOMA3 Mr Ian Pinge**

This subject introduces students to techniques used by the practising microeconomist to carry out cost benefit analysis of issues relating to the environment, urban areas, health care, and the evaluation of large public and private capital projects. This includes an examination of topics such as shadow pricing, inter-temporal analysis, risk externalities and public goods.

**Pre-requisite:** BECOM11.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and research project. (100%).

#### **APPLIED SOCIAL RESEARCH (24 CPs. Sem. I. Be.) BS4ASR Dr**

*Timothy Phillips.*

*Not available in 2000.*

#### **ART AND VISUAL CULTURE 1 (15 CPs. Sem. I. Be., Mi.) BVA1C1 Ms**

*Jennifer Marshall*

*This subject is currently under review and there are likely to be some changes to assessment procedures and course content during the course of the year.*

The course investigates a broad range of art practice and practitioners. To attempt an understanding of contemporary cultural perceptions of method and meaning and the impact on art practice and the effectiveness of visual communication. Unit 1 looks at symbols and meaning, cross cultural references and the impact of contemporary post war media.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** essay (70%) and a tutorial assignment (30%).

#### **Preliminary reading:**

Hesse, H. (1975) *How Pictures Mean Chatto & Windus*. London: Sussex University Press.



**ART AND VISUAL CULTURE 2 (15 CPs. Sem. II. Be., Mi.) BVA1C2 Ms Jennifer Marshall**

This subject is currently under review and there are likely to be some changes to assessment procedures and course content during the course of the year.

This unit investigates the development of national identity through the creation of iconographic imagery. Political influences on media and visual communication with particular reference to propaganda, consumer culture and revolutionary styles. There is also a study of practitioners and poster art pop styles.

**Prerequisite:** BVA1C1.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** essay (70%) and tutorial assignment (30%).

**Preliminary reading:**

Hesse, H. (1975) *How Pictures Mean* Chatto & Windus. London: Sussex University Press.

**ART AND VISUAL CULTURE 3 (15 CPs. Sem. I. Be., Mi.) BVA2C3 Ms Jennifer Marshall**

This subject is currently under review and there are likely to be some changes to assessment procedures and course content during the course of the year.

An investigation into the sources and the methods of appropriation of imagery and ideas into art practice in the contemporary arena.

Specific reference is made to DADA movement, Pop art and its practitioners and to contemporary media and Pop culture.

**Prerequisite:** BVA1C2.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** essay (70%) and tutorial assignment (30%).

**Preliminary reading:**

Gablik, S. (1984) *Has Modernism Failed?* New York: Thames & Hudson.

**ART AND VISUAL CULTURE 4 (15 CPs. Sem. II. Be., Mi.) BVA2C4 Ms Jennifer Marshall**

This subject is currently under review and there are likely to be some changes to assessment procedures and course content during the course of the year.

This unit examines the impact of conflict on the Visual Arts from pre-history through the Middle Ages, The Renaissance, the Great Wars, Vietnam to the present age. Armed conflict and political aspirations has underpinned change in ways of expression and the power of communication. Particular reference is made to propaganda and the role of the contemporary/electronic media as a means of mass communication and the purveyor of visual imagery.

**Prerequisite:** BVA2C3.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** essay (70%) and tutorial assignment (30%).

**Preliminary reading:** Gablik, S. (1984) *Has Modernism Failed?* New York: Thames & Hudson.

**Prescribed reading:**

Art & Visual Culture 4 (Reader).

**ART AND VISUAL CULTURE 5 (15 CPs. Sem. I. Be., Mi.) BVA3C5 Ms Jennifer Marshall**

This subject is currently under review and there are likely to be some changes to assessment procedures and course content during the course of the year.

Representations of the human form has always been central to artistic expression. From cave paintings to Internet pornography, images of the human form continually challenge, represent, and/or question public morality and social attitudes. The artists role in this challenge is investigated in this unit. Contemporary media, advertising, gender issues, feminism, pornography, photography, the classics and the moderns are all explored.

**Prerequisite:** BVA2C4.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** essay (70%) and tutorial assignment (30%).

**Preliminary reading:**

Fuller, P. (1986) *The Australian Scapegoat: towards an antipodean aesthetic* Nedlands. WA: U. of WA Press.

**ART AND VISUAL CULTURE 6 (15 CPs. Sem. II. Be., Mi.) BVA3C6 Ms Jennifer Marshall**

This subject is currently under review and there are likely to be some changes to assessment procedures and course content during the course of the year.

The role of the visual artist in the new millennium is the subject investigated here. With reference to the electronic arts, performance arts, film television and theatre all challenge the traditional notions of the easel painter as the eye and voice of the creative and visual world. The artist in the new millennium is challenged by the 'new world' of communication much as the painters a century ago were challenged by the camera and the coming of the age of the common man, marketing and modern thought. It is this challenge that is the core subject matter of this unit.

**Prerequisite:** BVA3C5.

**Class requirements:** one 2-hour lecture and one 1-hour tutorial per week.

**Assessment:** essay (70%) and tutorial assignment (30%).

**Preliminary reading:**

Fuller, P. (1986) *The Australian Scapegoat: towards an antipodean aesthetic* Nedlands, WA, U. of WA Press.

**ART EDUCATION B1 (20 CPs. Sem. I. Be.) BAE4AEC1 Ms Susan Paterson**

This subject comprises practical workshops in a range of media suitable for use in the classroom or specialist art or craft facility. Contemporary theories will be examined including state, national and international models of art curriculum. Emphasis is placed on reflecting upon, responding to and making visual art forms. A research practicum is undertaken in a specialist art classroom in a primary school. Students will contribute to the development of visual art curriculum theory.

**Prerequisite:** BAE4AEB2.

**Class requirements:** four hours per week.

**Assessment:** essay (30%), research project and folio (70%).

**ART EDUCATION B2 (20 CPs. Sem. II. Be.) BAE4AEC2 Ms Susan Paterson**

Students undertake practical workshops in a range of media suitable for use in the classroom or specialist visual arts facility. Contemporary theories are examined including state, national and international models of art curriculum. Emphasis is placed on reflecting upon, responding to and making visual art forms. Students will develop understanding in visual aesthetics, design and contemporary Australian art theory.

**Prerequisite:** BAE3AE.

**Class requirements:** four hours per week.

**Assessment:** essay (50%), Materials and design (50%).

**ARTIFICIAL INTELLIGENCE (15 CPs. Sem. I. Be.) BITARI Mr Tim Whitfort**

This subject is offered in odd-numbered years and alternates with *Expert Systems*.

Artificial neural networks: An introduction to artificial neural networks, learning rules and methods, back propagation, an introduction to a neural network tool, building neural networks and current topics in neural networks.

Genetic algorithms: An introduction to evolutionary computing, reproduction, crossover and mutation, representation, fitness and application development.

Logic programming: an introduction to logic programming, syntax, terms, constants, variables and structures, simple I/O, built in predicates, backtracking and search and cut.

Applications of AI and current topics in Artificial Intelligence.

**Prerequisite:** BITDST (co-requisite for GDComp).

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%). Student will complete two assignments worth 25% each. Students must obtain at least 40% on the examination component of the assessment.

**ARTS EDUCATION A (15 CPs. Sem. I. Be., Mi.) BAE3AE Ms Susan Paterson**

This is an introduction to the arts curriculum with focus on contemporary directions in early childhood and primary education, philosophy, pedagogy and policy in Australian education. A focus on the visual art curriculum includes reference to the language of art, teaching strategies and practical activities appropriate for classroom teaching.

**Class requirements:** two hours per week.

**Assessment:** essay (30%), folio (70%).

**ASEAN DEVELOPMENT PERSPECTIVES (20 CPs. Sem. I. Be.)**

**BGD23ADP Dr Ban Lian Ng**

The Association of South East Asian Nations (ASEAN) is a regional organisation aimed at promoting the mutual political and economic interests of member countries. This subject focuses on the development experiences of ASEAN countries in relation to their physical and human resources as well as in relation to the geopolitics of the

Asia-Pacific region, particularly with reference to Australia's strategic location. The approach adopted is inter-disciplinary, with emphasis on the environmental and geographical perspectives.  
**Class requirements:** one 1-hour lecture, one 2-hour seminar, per week.  
**Assessment:** 3,000 word essay (40%), 2,000 words seminar paper (20%), seminar presentation (10%), review of newspaper articles (20%), and class participation in seminars/tutorials (10%).

### **ASIAN-AUSTRALIAN TRADE ISSUES 3 (15 CPs. Sem. I. Be.)**

**BECOAT3 Dr Andrzej Solecki**

The nature of Australia's trading relationships with Asia is examined with particular reference to trade in primary products, manufacturers and services such as education and tourism. Emphasis is placed on the impediments to, and opportunities for, increased Asian-Australian trade. Topics include the basis of international trade, measuring trade, free trade and protection, trade and growth, investment flows and Australia's Asian trading partners.

**Prerequisite:** BECOMA1.

**Class requirements:** three hours per week.

**Assessment:** assignment material and tests (100%).

#### **Preliminary reading:**

Jones, E., Frost, L. and White, C. *Coming Full Circle - an Economic History of the Pacific Rim*. Australia: Oxford UP.

### **AUDITING (15 CPs. Sem. I. Be., Mi.) BACCAU Ms Jane Culvenor**

The primary function of an auditor is to express an independent opinion as to whether the client's annual financial statements present accurately the affairs of the client. The opinion expressed is dependent on the auditor accumulating sufficient and appropriate audit evidence. This requires the auditor to have a sound understanding of the client's business and their accounting and related systems. This subject draws on the knowledge gained from the course generally, and, in particular, law and accounting subjects. The subject's teaching approach examines the underlying concepts of auditing and the practices most widely applicable to audits. On to this framework is added exposure to specific audit techniques and related auditing standards, statements of auditing practice and ethical rulings.

**Prerequisite:** BLAWCL, BACCA2.

**Class requirements:** three hours per week.

**Assessment:** Cumulative assessment (100%) Emphasis is placed on autonomous learning. Assessment may include assignments, workshops, papers, tests, professional conduct and final examination.

#### **Prescribed reading:**

Pound G., Gay G. and Simnett R. (1997) *Auditing Concepts and Methods*, 3rd edn, McGraw Hill.

*Auditing Handbook* - ASCPA or ICAA.

### **AUSTRALIAN HISTORY 20<sup>TH</sup> CENTURY (20 CPs. Sem. II. Be.)**

**BHAU23AT Dr Charles Fahey**

This subject studies the development of Australian society in the 20th century. The initial emphasis is on the early years of the Commonwealth. Students examine the social, political and economic structure of Australia before World War I. Particular emphasis is placed on the emergence of political parties and the experiments introduced by the 'new' Federal Parliament (the white Australia policy, arbitration and new protection). The impact of these policies on the lives of Australians through two world wars and world depression is also examined. The second half of the course examines the ways in which an inward looking nation was transformed after 1945, including the impact of post-war migration, industrialisation and suburban growth, on the lives of Australians. This subject also explores the dismantling of the political experiments of the early federal years and the opening up of Australia to the global economy.

**Prerequisite:** any two 100-level history or politics subjects for second year students, and two, 200 level history subjects for third year students.

**Class requirements:** one 1-hour lecture and two hours of workshops per week.

**Assessment:** 1,500-word workshop presentation (20%), 3,000 to 4,000-word research essay (40%) and take home examination (40%).

### **AUSTRALIAN AND CONTEMPORARY LITERATURE (15 CPs. Be.)**

**BLFA23AU Mr John Penwill.**

*Not available in 2000.*

### **AUSTRALIAN CHILDREN'S LITERATURE (15 CPs. Sem. II. Be., Mi.)**

**BEE2ACL Ms Maureen O'Brien**

This subject examines the influence of 19th century English and American generic traditions on the history of several genres in Australian children's literature. Critical claims for the emergence and development of distinctly Australian features in these genres are

analysed. The subject explores these arguments in relation to representative examples of realistic and fantasy fiction, including the family story and adventure sub-genres from the late 19th century to contemporary fiction of the 1980s and 1990s. Recurrent themes in each genre, such as attempts to characterise a sense of national identity, are also studied.

**Class requirements:** two 1-hour lectures, one 2-hour tutorial per week.

**Assessment:** examination (50%), weekly assessment (20%) and written assessment (30%).

### **AUSTRALIAN ENVIRONMENTS (15 CPs. Sem. I. Be.) BBI10E Dr Ruth**

**Lawrence and Dr Sabine Wilkens**

This subject encourages understanding of the environment through the study of how diversity is developed and maintained in natural systems. Students are introduced to the landforms, hydrology, and flora and fauna of Australia. Techniques of geomorphology, geography, hydrology, vegetation analysis and surveys of elements of the vertebrate and invertebrate fauna will be taught.

**Class requirements:** five hours equivalent comprising three 1-hour lectures, one 1-hour tutorial and field trips.

**Assessment:** one 3-hour examination (50%), one 3,000 word assignment (20%), field reports (15%), and practical (15%). Students will complete three field reports (one geology and two reports of up to 1,000 words each) totalling 15%. Three practical reports of up to 1,000 words each are also required totalling 15%. Students are required to attend at least 70% of the field and practical classes, and all components of the assessment must be submitted.

### **AUSTRALIAN HISTORY 19TH CENTURY (20 CPs. Be.) BH23AN Dr Al**

**Gabay**

*Not available in 2000.*

### **AUSTRALIAN POLITICAL INSTITUTIONS (15 CPs. Be., Mi., Sh.)**

**BPAU1API Dr Ardel Shamsullah.** *Not available in 2000.*

### **AUSTRALIAN STUDIES 2A (15 CPs. Sem. I. Be., Mi.) BSS2ASA Mr**

**John Higgs**

*Not available in 2000.*

### **AUSTRALIAN STUDIES 2B (15 CPs. Sem. II. Be., Mi.) BSS2ASB Mr**

**John Higgs**

*Not available in 2000.*

### **AUSTRALIAN STUDIES 3A (15 CPs. Sem. I. Be., Mi.) BSS3ASA Mr**

**John Higgs**

Students can pursue research from the Australian legal system, local government in Australia, Australia's cultural heritage or an oral history project. Students are required to complete an original research project with considerable support from the lecturer.

**Prerequisite:** BSS2ASA and BSS2ASB or equivalent.

**Class requirements:** four hours per week.

**Assessment:** Seminar paper (30%), Seminar Presentation (20%), essay (50%).

#### **Preliminary reading:**

Leach, R. (1995) *Political Ideologies. An Australian Introduction*. Melbourne: 2nd edn, Macmillan.

### **AUSTRALIAN STUDIES 3B (15 CPs. Sem. II. Be., Mi.) BSS3ASB Mr**

**Ray Nichol**

Students have the opportunity to acquire a knowledge of traditional and contemporary Aboriginal societies. Content includes living cultures, misconceptions and stereotypes, anthropological perspectives, invasion and colonisation, indigenous history and contemporary issues, particularly native title and reconciliation.

**Class requirements:** four hours per week.

**Assessment:** assignment (30%), research project (50%) and participation (20%).

**Prerequisite:** first or second year social science or equivalent.

#### **Preliminary reading:**

Broome, R. (1994) *Aboriginal Australians*. St. Leonards: Allen and Unwin.

### **AUSTRALIAN WELFARE STATE (20 CPs. Be., Mi., Sh.) BPAUSA23 Dr**

**Ardel Shamsullah**

*Not available in 2000.*

### **AUSTRALIAN WOMEN'S FICTION (20 CPs. Sem. II. Be.) BLFA3AW Dr**

**Sue Gillett**

This subject examines the fictional texts of a number of 19th and 20th century women writers and film-makers and focuses particularly on representation of women's social and sexual identities. Included among the fictional texts are several pairs of novel-film comparisons. Students also become familiar with some of the main debates in feminist literary criticism and film theory.

**Prerequisite:** normally completion of a first year undergraduate program.

**Class requirements:** one 2-hour seminar and one 1-hour tutorial per week.

**Assessment:** 2,500-word essay (50%), 1,500-word review (30%) and class-work journal (20%).

**AUSTRALIAN WOMEN'S FILM AND LITERATURE (24 CPs. Sem. II. Be.) BLFA4AW Dr Sue Gillett**

This subject will examine the fictional texts of a number of nineteenth and twentieth century women writers and film makers and will focus particularly on representations of women's social and sexual identities. Included amongst the fictional texts will be several pairs of novel-film comparisons. The subject will also familiarise students with some of the main debates within feminist literary criticism and film theory.

**Class requirements:** two 2-hour seminars per week.

**Assessment:** 1,500 word Textual analysis (20%). The textual analysis will involve the detailed discussion of several short prose and/or films, 3,000-word essay (40%), 3,000-word research assignment (40%).

**Prescribed reading:**

Morris, P. (1993) *Literature and Feminism*. Blackwell.

Elizabeth Jolley, (1987) *The Well*. Ringwood: Penguin.

Kate Grenville, (1986) *Dreamhouse*. St Lucia: UQP.

Miles Franklin, (1996) *My Brilliant Career*. Ringwood: Penguin.

Barbara Baynton, (1980) *Bush Studies*. Sydney: Angus and Robertson.

Janette Turner Hospital, (1988) *Charades*. St Lucia: UQP.

Drusilla Modjeska, (1990) *Poppy*. Ringwood: Penguin.

**BAROQUE ART (20 CPs. Sem. I. Be.) BLFA23B Mr Maurie Nestor**

The world seen aslant in 17th century painting and architecture. The uses of darkness in the pictures of Caravaggio, Rembrandt, etc. The aesthetics of extravagance, extremity, and even disgust. Their relation to the Catholic counter-reformation, and to Dutch protestant commercialism. The participation of the visual arts in - or their reflection of - unprecedented new concentrations of political power. The widespread excitement of the age about optics, and the visibility of things; about appearance and illusion.

**Class requirement:** 3-hours lectures or discussions per week.

**Assessment:** 2000-word essay (30%), 1-hour class test (40%) and 2,000 word essay (30%).

**Preliminary reading:**

Mainstone, M. and R. (1981) *The Seventeenth Century*, CUP.

**Recommended reading:**

Martin, J. P. (1989) *Baroque*. Penguin.

Sewter, A. C. (1972) *Baroque and Rococo Art*. Thames & Hudson.

Wofflin, H. (1950) *Principles of Art History*. Dover.

**BEHAVIOURAL SCIENCE 2A (20 CPs. Sem. I. Be.) BPY211 Dr Jill Francis**

*Only available to Bachelor of Behavioural Science students at Bendigo.*

Components include psychobiology and neuroscience, including the biological basis of higher mental processes, neuropsychology, appetitive behaviours and homeostasis, emotion, the development of the nervous system throughout the lifespan and key issues in psychophysiology.

In the social psychology component social categories and the environment examines group processes, conformity, inter-group conflict, crowd theories, prejudice and discrimination, racism, sexism and other forms of discrimination. In the social identity component topics include minimal groups, social identity and social cognition, justice theories, conflict resolution, inter-group contact and multiculturalism and inter-group negotiation (mediation, arbitration and conciliation). Other components include environmental issues, life span and cognitive. Increased student participation in practical work, including programming of cognitive science experiments is required.

**Prerequisite:** BPY112.

**Class requirements:** four 1-hour lectures and one 4-hour practical per week.

**Assessment:** two 2-hour examinations (60%), and practical reports (40%).

**Prescribed reading:**

Argyle, M. and Colman, A.M. Ed. (1995) *Social Psychology*. London: Longman.

Bear, M. S. Connors, B. W. and Paradiso, M. A. (1996) *Neuroscience: Exploring the Brain*. Williams & Wilkins, Baltimore.

**BEHAVIOURAL SCIENCE 2B (20 CPs. Sem. II. Be.) BPY212 Mr Tim Godber**

Components include models of mental health, measurement of psychological phenomena, health psychology and human variability. Individual topics include diagnosis and assessment, an overview and evaluation of uses of DSM IV and techniques such as interviewing, observation and testing. Description of major psychological disorders of mood, anxiety, schizophrenia, personality, childhood and substance abuse. Students will have the opportunity to appreciate the relative strengths and weaknesses of qualitative and quantitative approaches to psychological measurement and to develop the skills necessary to develop assessment tools relevant to each of these approaches. Students are encouraged to become familiar with the role of stress in the onset and progression of disease, as well as the psychological processes involved in perceiving symptoms and interacting with the health-care system. There will be particular emphasis on the characteristic ways in which people cope with disaster, disability, chronic illness, death and dying and more.

**Prerequisite:** BPY211.

**Class requirements:** 1-hour lectures and one 4-hour practical per week.

**Assessment:** two 2-hour examinations (60%), and four practical reports (40%).

**Prescribed reading:**

Anastasi, A. and Urbina, S. (1997) *Psychological Testing*. 7th edn Prentice-Hall: Upper Saddle river, NJ.

Barlow & Duran, *Abnormal Psychology* 2nd edn, Nelson IT.

Ashcraft, *Human memory and cognition* 2nd edn, Harper Collin.

**Recommended reading:**

Rice, P. L. *Stress and health*, (3rd ed). Brooks/Cole Publishing Company: USA.

**BEHAVIOURAL SCIENCE 3A (45 CPs. Sem. I. Be.) BPY311 Dr Paul Maruff**

*Only available to Bachelor of Behavioural Science students at Bendigo.*

Components of this unit comprise of Psychobiology and Neuroscience, social Psychology, Life Span and Cognitive Science. Students study biological aspects of mental disorders, neurophilosophy, psychological influences on the immune system. The individual in a social world, self-concept, self-perception, relationships, family and workplace. Cross-cultural issues in social psychology, developmental themes of personality throughout the life span, social and cognitive development. A focus on in-depth analysis of current literature to do with topical areas related to cognitive science.

**Prerequisite:** BPY212.

**Class requirements:** five 1-hour lectures and one 6-hour practical per week.

**Assessment:** 2,000-word assignment (20%), 2-hour examinations (30%), one 2,000 research proposal (20%), and 2-hour examination (30%).

**BEHAVIOURAL SCIENCE 3B (45 CPs. Sem. II. Be.) BPY312 Dr P. Maruff**

*Only available to Bachelor of Behavioural Science students at Bendigo.*

Themes studied include Models of Mental Health, Measurement of Psychological Phenomena, Human Variability and Health Psychology. Students study the theories of aetiology and methods of treatment that can be applied to disorders studied in the previous year. The study of Human Variability and Personality trait-based theories; psychodynamic, humanistic, and social learning theories; physiologically-based typologies and individual differences. Psychological perspectives on a number of specific health issues such as coronary vascular disease, cancer, motor vehicle accidents, suicide, pain behaviour, addition and poor diet. Psychological models which purport to describe, explain and predict the health behaviours of individuals, communities and populations.

**Prerequisite:** BPY312.

**Class requirements:** five 1-hour lectures and one 6-hour practical per week.

**Assessment:** 6,000-word practical report (30%), one 3,000-word assignment (20%), 2-hour examination (25%) and 2-hour examination (25%).

**BIBLICAL WORLD (20 CPs. Sem. I. Be.) BPR23BIB Mr Rod Blackthirst**

In this subject students will be given an introduction to the Judaeo-Christian traditions, the Bible, Biblical history and the Biblical disciplines such as archaeology and textual criticism. The focus of the unit will be upon the New Testament and events in Palestine in the first century CE. Specific attention will be given to the development of the Gospel literature and to the 'Synoptic problem' in

particular. Some attention will be given to recent controversies such as those surrounding the discovery of the so-called 'Dead Sea Scrolls' and to the quest for the historical Jesus that has occupied a central place in Biblical scholarship over the last 200 years. The subject aims to provide essential background for the study of later, derivative periods of Western civilisation and culture.

**Class requirements:** three 1-hour lectures and 1-hour tutorial, per week.

**Assessment:** written assignment (40%), class tests (50%), class participation (10%). Students will complete two class tests worth 25% each.

### **BIOL110 BIOLOGY OF THE CELL AND ORGANISM (15 CPs. Sem. II. Be.) BBI110 Dr Sabine Wilkens**

Students are introduced to biology by discussing units of ever increasing size and complexity; from molecules and cells to tissues and organs in plants and animals and how these units cooperate in the whole organism. Cell and molecular biology, structure and function of animals and plants. Mendelian genetics as well as biological principles are covered in lectures. The practical component will focus on biological observation, recording skills and data interpretation, and introduce a number of biological disciplines (microscopy, microbiology, biochemistry and physiology).

**Class requirements:** 3-hours lectures and 2 hours of practical and tutorial work per week (average).

**Assessment:** 3-hour examination (50%), practical work (30%) and assignments (20%). Students will complete two assignments totalling 20%. Students must attend a minimum of 70% of time allotted to practical classes.

#### **Prescribed reading:**

Knox, B., Ladiges, P. and Evans, B. (eds) (1994) *Biology* McGraw Hill Sydney

or

Campbell, N. A., Mitchell, L. G. and Reece, J. B. (1997) *Biology – Concepts and Connections* Addison Wesley Longman Inc., Menlo Park, California.

### **BIOL201 BIOMOLECULES (15 CPs. Sem. I. Be.) BBI201 Dr Ian Swift**

Structure and function of the basic classes of biological molecules, viz. carbohydrates, lipids, nucleic acids, amino acids and proteins. Enzymes: mechanisms and rate equations of catalysis, kinetics (Michaelis-Menten) and allosteric control. Interactions between molecules, introduction to flow of energy and matter (from cell to biosphere). Cells and cell constituents, differences and similarities between microbial, plant and animal cell. Introduction to basic biochemical techniques, acquisition of basic biochemical skills and calculations and presentation of data.

**Prerequisite:** BBI110 or BBI1LS1 and BCH102, or VCE Chemistry Units 3 and 4.

**Class requirements:** two hours of lectures and two hours of practical and tutorial work per week.

**Assessment:** 3-hour examination (60%), practical reports (20%), and 1,500 word assignment (20%).

#### **Prescribed reading:**

Matthews, C. K. and van Holde, K. E. (1996) *Biochemistry*, 2nd edn Benjamin Cummins.

### **BIOL202 INTERMEDIARY METABOLISM (15 CPs. Sem. II. Be.)**

**BBI202 Dr Ian Swift**

A study of the pathways by which various biological molecules are degraded within the cell to release energy, or synthesised from smaller molecules. Emphasis is on integration and regulation of the pathways. ATP generation: substrate-level phosphorylation (fermentation), electron transport coupled phosphorylation (anaerobic and aerobic). Diversity of carbon-capture (hetero-, auto- and mixotrophs) and diversity in energy sources (chemo- and phototrophs). Subcellular specialisation and metabolic co-ordination in multicellular organisms. The practical component aims to consolidate basic biochemical skills and will introduce formal report writing.

**Prerequisite:** BBI201.

**Class requirements:** two hours of lectures and three hours of practical and tutorial work per week.

**Assessment:** 3-hour examination (60%), practical work (20%), and practical work (20%).

#### **Prescribed reading:**

Matthews, C. K. and van Holde, K. E. (1996) *Biochemistry*, 2nd edn Benjamin Cummins.

### **BIOL203 INTRODUCTION TO MICROBIOLOGY (15 CPs. Sem. I. Be.)**

**BBI203 Dr Jacques Soddell**

Students are introduced to the structure and function of microbes including viruses, bacteria, fungi, protozoa and algae with an emphasis on morphological diversity. An introduction to the physiological basis of growth of microbes, methods for estimating growth, and chemical and physical influences on growth. The practical course aims to teach basic microbiological techniques while illustrating material presented in lectures.

**Prerequisite:** BBI110 or BBI1LS1.

**Class requirements:** three hours of lectures, tutorials and two hours of practical classes per week.

**Assessment:** 3-hour examination (60%), practical assessment (40%).

#### **Prescribed reading:**

Madigan, M. T., Martinko, J. and Parker, J. (1997) *Brock Biology of Microorganisms* 8th edn Prentice-Hall, London.

### **BIOL204 MICROBIAL ECOLOGY AND SYSTEMATICS (15 CPs. Sem. II. Be.) BBI204 Dr Robert Seviour**

In this unit students will learn how micro-organisms interact with living and non-living environments (including plants, animals and other micro-organisms), how micro-organisms (especially bacteria) are classified and identified, how to apply modern molecular techniques in ecology and taxonomy, and the basics of bacterial genetics. The practical component teaches more advanced microbiological techniques and is strongly linked to the material covered in lectures.

**Prerequisite:** BBI203.

**Class requirements:** three hours of lectures, tutorials, two hours of practical classes per week.

**Assessment:** 3-hour examination (60%) practical assessment (40%).

#### **Prescribed reading:**

Madigan, M. T., Martinko, J. and Parker, J. (1997) *Brock Biology of Microorganisms* 8th edn Prentice-Hall, London.

### **BIOL205 EXCITABLE CELLS AND ENDOCRINE SYSTEMS (15 CPs. Sem. I. Be.) BBI205 Dr Meeuwis Boelen**

Regulation and integration with the aim to conceptualise control systems in biology. Operation of the nervous system at the molecular and cell level. Principles of endocrine control. Introduction to muscle physiology at the molecular and cell level. Contents will include: membranes, membrane transport and membrane potential; action potential; cells and functional anatomy of the nervous system; nerve impulse transmission and pharmacology; sensory and motor systems; excitation-contraction coupling in muscle cells; autonomic and endocrine function, illustrated on glucose homeostasis and sex hormones; reproduction and development. The practical component will introduce the use of physiological equipment and animal experimentation ethical considerations.

**Prerequisite:** BBI110 or BBI1LS1 or approval of the Course coordinator.

**Class requirements:** two hours of lectures and two hours of practical and tutorial work per week.

**Assessment:** 3-hour examination (65%), practical interview (15%) and 2,000 word assignment (20%).

#### **Prescribed reading:**

Berne, R. B. and Levy, M. N. (1996) *Principles of Physiology* 2nd edn, Mosby, Sydney.

### **BIOL206 ORGAN SYSTEM PHYSIOLOGY (15 CPs. Sem. II. Be.)**

**BBI206 Dr Michelle Gibson**

Subjects include functional anatomy and physiology of respiratory, cardiovascular, integumentary, skeletal, renal, immune and digestive systems. Neural and hormonal integration of these systems, the maintenance of homeostasis and adaptation to the environment. The practical component aims to consolidate the use of physiological equipment.

**Prerequisite:** BBI205 or BBI1LS2 or approval of the Course Coordinator.

**Class requirements:** 2-hours lectures and two hours of practical and tutorial work per week.

**Assessment:** 3-hour examination (65%), practical interview (15%), and 2,000 word assignment (20%).

#### **Prescribed reading:**

Berne, R. B. and Levy, M. N. (1990, 1996) *Principles of Physiology* 2nd edn, Mosby, Sydney.

### **BIOL207 ECOLOGY (15 CPs. Sem. I. Be.) BBI207 Dr Tom Burton**

A study of environmental factors and their effects on organisms; evolution and adaptation; properties of populations; interactions between organisms, including: competition and predator-prey

relationships; terrestrial, fresh water and marine environments and their conservation; wildlife management. Excursions will be held in this subject.

**Prerequisite:** BBOLAE or approval of course coordinator.

**Class requirements:** two 1-hour lectures per week; eleven 2-hour practical classes, and one 17-hour excursion. An average of five hours per week per semester.

**Assessment:** 3-hour examination (50%), three practical reports (15%), three excursion reports (15%), two assignments (poster and oral presentation (20%). Students must attend both the excursion and a minimum of 70% of time allotted to practical classes.

**Prescribed reading:**

Molles, M. C. (1999) *Ecology: Concepts and Applications*, McGraw-Hill, Sydney.

**BIOL210 PLANT ECOLOGY (15 CPs. Sem. II. Be.) BBI210 Dr Sabine Wilkens**

In this subject, students are given an appreciation of the characteristics of Australian plants, how they function in their environment of poor soils, aridity, salinity and fire; and how they interact with other organisms through pollination, fruit dispersal and herbivory. Designing and carrying out ecological experiments to measure plant-animal interactions are integral parts of the practical component, as well as developing skills in identification, observation and drawing.

**Prerequisite:** BBOLAE or approval of Course coordinator.

**Class requirements:** two hours of lectures per week; ten 3-hour practical classes; nine 1-hour video sessions. An average of five hours per week per semester of class contact time.

**Assessment:** one 3-hour examination (50%), practical reports (30%), two 2,000 word essay and weed-collection assignments (20%). Students must attend a minimum of 70% of time allotted to practical classes.

**Prescribed reading:**

King, J. (1997) *Reaching for the Sun. How Plants Work* Cambridge University Press.

**BIOL301 CLINICAL BIOCHEMISTRY (15 CPs. Sem. I. Be.) BBI301 Dr Ian Swift**

Topics include enzyme kinetics, advanced Michaelis-Menten and cooperative, application of kinetics to assays of enzymic activity, including clinical biochemistry, serum components, enzymes, proteins, lipoproteins and other components of diagnostic interest such as bilirubin, sugars, minerals and gases.

**Prerequisite:** BBI202.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (50%), practical reports (20%), written practical examination (10%), and assignments (20%).

**Prescribed reading:**

Moran, L. A., Scrimgeour, K. G., Horton, H. R., Ochs, R. S. and Rawn, J. D. (1994) *Biochemistry* 2nd edn Englewood Cliffs: Prentice-Hall.

**BIOL302 MOLECULAR BIOLOGY (15 CPs. Sem. II. Be.) BBI302 Dr Ian Swift**

This subject is concerned with the molecular mechanisms by which the genetic material within the cell copies itself and how the genetic material is expressed via protein synthesis. Specialised aspects of molecular biology, such as the molecular biology of cancer, or oncogenes, are included.

**Prerequisite:** BBI201.

**Class requirements:** five hours per week.

**Assessment:** 2-hour examination (40%), practical work (30%), written practical examination (10%), and assignment (20%).

**Prescribed reading:**

Moran, L. A., Scrimgeour, K. G., Horton, H. R., Ochs, R. S. and Rawn, J. D. (1994) *Biochemistry* 2nd edn Englewood Cliffs: Prentice-Hall.

**BIOL303 PRINCIPLES OF BIOTECHNOLOGY (15 CPs. Sem. I. Be.) BBI303 Dr Robert Seviour**

A study of fundamental aspects of biotechnology such as DNA technology and genetic engineering, fermentation technology and downstream processing.

**Prerequisite:** BBI202, BBI204.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (60%), and practical work (40%).

**BIOL304 APPLICATIONS OF BIOTECHNOLOGY (15 CPs. Sem. II. Be.) BBI304 Dr Robert Seviour**

Overproduction of primary and secondary metabolites by microbes, animal and plant biotechnology, immobilised systems of industrial importance, environmental biotechnology and the exploitation of

microbes for pollution control are a few of the topics covered in this subject.

**Prerequisite:** BBI303.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (60%), and practical work (40%).

**BIOL305 MIND AND MOVEMENT (15 CPs. Sem. I. Be.) BBI305 Dr Meeuwis Boelen**

This subject explores current concepts of neurological function and molecular models of muscular function. The emphasis is on the process of experimental discovery.

**Prerequisite:** BBI201, BBI205 or approval of the Course coordinator.

**Class requirements:** five hours per week.

**Assessment:** 3-hour theory examination (65%), practical notes and interview (20%), essay (15%). Students are also required to satisfactorily complete all assigned practical work.

**Preliminary reading:**

Berne, R. B. and Levy, M. N. (1990,1996) *Principles of Physiology* 2nd ed, Mossy, Sydney.

**BIOL306 OXYGENATION, BLOOD AND EXERCISE (15 CPs. Sem. II. Be.) BBI306 Dr Michelle Gibson**

This subject examines respiratory control and molecular mechanisms, cardiovascular regulation, hemodynamics and control mechanisms for tissue oxygenation under a variety of conditions. Roles of blood and blood components in oxygenating tissues and pathophysiology of blood cells and haemostasis and diagnosis of blood disorders, along with blood transfusion techniques and interpretation are also examined.

**Prerequisite:** BBI201, BBI206.

**Class requirements:** six hours per week.

**Assessment:** theory examinations (70%) practical notes and interview (15%), essay (15%). Students are also required to satisfactorily complete all assigned practical work. Students will complete two 2-hour theory examinations worth 35% each.

**BIOL307 PATHOLOGY (15 CPs. Sem. I. Be.) BBI307 Dr Jacques Soddell**

This subject examines pathology and histopathology, laboratory protocols and safety, post mortem changes and fixation, processing for the preparation of sections for staining, staining by routine and special methods including histochemical and immuno-histochemical methods. Cytology and semen analysis, the normal flora, infections and nosocomial infections, epidemiology, isolation and identification of pathogens (human, zoonotic, veterinary), differential diagnosis of microbes in organ systems and antimicrobial sensitivity testing are also studied.

**Prerequisite:** BBI204, BBI205, BBI206.

**Class requirements:** six hours per week.

**Assessment:** 2-hour examination, 2.5 hour examination (70%) laboratory work and reports (30%). Students are also required to satisfactorily complete all assigned laboratory work.

**BIOLOGY TEACHING METHOD (15 CPs, All year. Be.) BSE5BM Mr Mal Ward**

This subject prepares students for teaching general science and senior biology. Topics covered include introduction to junior science curriculum materials, learning theories and science teaching, constructivism and other strategies. Primary-secondary transition with respect to science concepts and skills, lesson planning, and writing teaching units along with safety and legal responsibility in science teaching, computer assisted learning, CD-ROMs, organisation of the laboratory, demonstrations and audio-visual aids in science teaching and gender issues in science teaching are also examined. The aims and objectives of VCE Biology, national and state policy documents the use of texts, practical manuals, teachers guides and extra references, along with special techniques pertaining to teaching biology and consideration of Year 11 and 12 subjects is examined. Students also study aids and laboratory organisation, evaluation and assessment, objective testing, teacher assessment, moderation and CATS 2.

**Prerequisite:** sub-major study in biology in an approved degree.

**Class requirements:** two hours per week.

**Assessment:** assignments (100%). Students will be required to complete four-1,500 word equivalent assignments.

**BIOMECHANICS (15 CPs. Sem. I. Be.) BPE2BM Dr Ashley Woodcock**

This subject provides students with a sound understanding of biomechanical principles and their application in sporting contexts and general human motion. A series of lectures and laboratory sessions is conducted in motion and force, balance and stability, Newton's laws, postural analysis and fluid mechanics.

**Prerequisite:** BPE11A.



**Class requirements:** four hours per week.

**Assessment:** laboratory reports (30%), assignment (30%) and examination (40%).

**BRIDGING CHEMISTRY (30 CPs, All year. Be.) BCHOBC Mr Ken Lindrea**

Components covered include physical quantities, atoms and relative masses, empirical formulae, electronic configuration of atoms and the theory of valency, chemical equations and calculations.

**Class requirements:** five hours per week.

**Assessment:** continuous assessment plus practical and theory exams. (100%).

**Prescribed reading:**

Dickson, T. R. (1995) *Introduction to Chemistry* 7th edn Wiley N.

**BRIDGING MATHEMATICS (30 CPs. All year. Be.) BMATHOBM Ms Lex Milne**

In order to prepare for first year university calculus, students study topics in algebra and trigonometry such as linear and quadratic equations, functions and graphs, polynomial and rational functions, trigonometric functions, exponential and logarithmic functions and the elements of calculus.

**Prerequisite:** year 10 mathematics.

**Class requirements:** five hours per week.

**Assessment:** tests (40%), first semester examination (20%) and final examination (40%).

**Prescribed reading:**

Forbes, S., Morton, and Rae, H. (1993/4) *Skills in Mathematics* Vols. 1 and 2, SHAM Co-op., Auckland.

**BRIDGING PHYSICS (30 CPs. All year. Be.) BPHOBP Dr Katherine Legge**

This subject includes components in kinematics in one and two dimensions, vectors, dynamics, work and energy, momentum, fluids, oscillation, ray optics, electricity and magnetism, nuclear physics.

**Class requirements:** five hours per week.

**Assessment:** examination (60%), assignment (20%), and laboratory work (20%).

**BUSINESS FINANCE (15 CPs. Sem. II. Be.) BACCBF Ms Jane Culvenor**

This subject acquaints students with the financial environment in which business operates and introduces them to certain principles associated with financial management decisions. It is primarily concerned with decisions confronting senior financial executives with respect to the investment, financing and dividend policies of a firm. The subject studies the fundamentals of financial management, including the valuation of the firm, principles relating to capital investment, capital structured dividend policy and the cost and sources of business finance. Specific topics include the principles of investment and portfolio theory and the introduction of risk analysis in capital budgeting decisions, the cost of capital, current asset management, capital structure, dividend decisions and interest rates.

**Prerequisite:** not advised unless BACCMAB has been attempted.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment (100%). Emphasis is placed on autonomous learning. Assessment may include assignments, case studies, tests, professional evaluation and final examination.

**Prescribed reading:**

Gitman, L., Juchau, R., Pearson, K. and Clemens, M. *Principles of Managerial Finance in Australia* 2nd edn Harper.

**BUSINESS LAW 1 (15 CPs. Sem. I & II. Be., Mi.) BLAWBL1 Ms Francine Rochford**

This subject acquaints first year students with knowledge of the Australian legal system, in particular the nature, function and sources of law in Australia. It gives an understanding of the operation of the law of negligence, introduces students to the matters which govern the choice of a particular business structure and the legal implications of the choice and gives an introduction to the law of contract.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), 1,000-1,200 word problem-solving assignment (35%), tutorial work and tests (15%). Students must obtain not less than 40% in total for the ongoing assessment and not less than 40% for the examination, as well as an overall total of not less than 50%.

**Prescribed reading:**

Latimer, P. (2000) *Australian Business Law* 19th edn CCH Australia Ltd. Sydney.

*Partnership Act 1958* (Vic).

**BUSINESS LAW 2 (15 CPs. Sem. II. Be., Mi.) BLAWBL2 Ms Francine Rochford**

Students taking this subject develop an understanding of selected areas of law which have an impact on the conduct of professional or business matters. Subject areas to be covered include: consumer protection law, consumer credit, the law of insurance, restrictive trade practices, and white collar crime.

**Prerequisite:** BLAWBL1.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), 2,000 word problem-solving question (40%), and class test (10%). Students must obtain at least 40% in total for the ongoing assessment, and not less than 40% for the examination, as well as an overall total of not less than 50%.

**Prescribed reading:**

Latimer, P. (1974) *Australian Business Law* 19th edn 2000, CCH Australia Ltd, Sydney.

*Trade Practices Act* (Commonwealth).

**BUSINESS PROGRAMMING (15 CPs. Sem. II. Be.) BITBUP Mr Chris Cope**

This subject provides an understanding of programming in COBOL of typical business information system algorithms, in particular the maintenance of and reporting from sequential, index-sequential and direct access files. It includes interactive and batch processing, data validation, sorting, arrays and control-break reports.

**Prerequisite:** BITDST (co-requisite for GDComp), BITISD, BITINF (for GDComp).

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%) and assignments (50%).

**Prescribed reading:**

Stern & Stern (1991) *Structured COBOL Programming* 6th edn, New York: Wiley.

**BUSINESS PROJECT (15 CPs. Sem. I & II. Be.) BACCBP Dr John Pacher**

This subject offers a practical exposure to business. Students will explore typical options confronting commercial enterprises, from some or all specialist perspective's together, including, marketing, finance, manufacturing, human resources and general management. Through their experience of the project (subject), students have opportunities to increase their understanding of the factors affecting/determining business outcomes, the importance of cash flow management, the core requirements of any enterprise team, leadership and management, how specialist areas of expertise can combine, unified by a common goal, the advantages and disadvantages of risk-taking and ways of coping with both, strategies for achieving and communicating clear expectations, objectives and requirements in business and elsewhere.

**Prerequisite:** Final year students only. Students must be accepted into a suitable project, for example - Young Achievement Australia Program. This subject also depends on staff availability for project supervision, and the Course Co-ordinator should be consulted prior to enrolment.

**Class requirements:** three hours per week.

**Assessment:** assessed on progress throughout the period of the Project, completion of appropriate assignments, professional review, as well as on a final report.

**BUSINESS SYSTEMS (15 CPs. Sem. II. Be., Mi.) BITBUS Mr Peter Somerville**

This is an introduction to the concept of an information system. The systems development life cycle. The role and involvement of users in systems development. Fact finding techniques and an introduction to data flow and E-R modelling. Information system case studies and hands on experience in the construction of a small information system using a suitable prototyping tool. The design of files, input/output and conversion and implementation techniques. This subject provides a grounding for future computer systems and computer programming subjects in the information technology strand of the Bachelor of Business. For students from other schools who wish to complete the equivalent of a full year's computing elective, it is recommended they take this unit as a follow on to Information Technology.

**Prerequisite:** BITITE or BITCFU.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), and assignments (40%).

Students will complete two assignments worth 15% and 25%.

Students must obtain at least 45% for the examination component of the assessment.



**Prescribed reading:**

Shelley, Cashman and Rosenblatt (1998) *Systems Analysis and Design*. 3rd edn Boyd and Fraser.

**CALCULUS 1 (15 CPs. Sem. I. Be.) BMATHCA1 Dr Simon Smith**

The development of calculus was a crucial step in the evolution of much of modern pure and applied mathematics. The key concepts of differential and integral calculus are explored in this unit, which lays the foundation for subsequent major studies in mathematics or studies within the engineering program.

**Prerequisite:** a C-grade average in VCE Mathematical Methods 3 and 4.  
**Incompatible subject:** BMATHAPC.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (70%), and tests (30%).

**Prescribed reading:**

Stewart, (1995) *Calculus*, 3rd edn Brooks/Cole, Pacific Grove.

**CALCULUS 2 (15 CPs. Sem. II. Be.) BMATHCA2 Dr Robert Champion**

This continues the theme of Calculus 1 in developing the foundations for studies in a wide range of areas of mathematics and engineering. Students are introduced to matrices and solutions of systems of linear equations, vector quantities and representations of lines and planes, sequences and series, differential calculus of functions of several variables, and solutions of differential equations.

**Prerequisite:** BMATHCA1 (or with permission of the Head of Division of Mathematics, an A-grade in BMATHAPC).

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (70%) and tests (30%).

**Prescribed reading:**

Stewart, J. (1995) *Calculus*, 3rd edn Brooks/Cole, Pacific Grove.

**CALCULUS 3 (15 CPs. Sem. I. Be.) BMATHCA3 Dr John Schutz**

The methods of differential and integral calculus are extended to several variables and applied to vector analysis and transform analysis, which includes Fourier series and Laplace transforms.

**Prerequisite:** BMATHCA2.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (70%) and tests (30%).

**Prescribed reading:**

Stewart, J. (1995) *Calculus*, 3rd edn Brooks/Cole, Pacific Grove.

James, G. et al. (1993) *Advanced Modern Engineering Mathematics*. Addison-Wesley, Wokingham.

**CANCER NURSING (15 CPs. Sem. II. Be.) BHS8CAN Ms Sharon Kendall**

**Subject to sufficient enrolments.**

This subject develops a beginning knowledge about the nature of nursing a client with cancer. It includes aspects of cancer prevention, treatment and rehabilitation, aspects of epidemiology in relation to cancer, the physiology of cancer and oncological emergencies.

**Class requirements:** 39-hours over one semester.

**Assessment:** Scenario based assessment (20%), Scenario based assessment (20%), teaching package (60%).

**CERAMICS 100 (15 CPs. Sem. I. Be.) BCE1E1 Mr Tony Conway**

This subject is designed to provide an appreciation and awareness of three dimensional form. The subject, through set exercises or projects will develop the foundation skills necessary in working with clay as a creative medium. Students are expected to become proficient in the hand building techniques of pinch, coil and slab construction. Students will gain a basic understanding of low firing techniques and will be encouraged to become proficient in at least one type of kiln firing process.

**Class requirements:** one 1-hour lecture, one 0.5-hour workshop, one 1.5-hours studio per week.

**Assessment:** projects. (100%).

**CERAMICS 200 (15 CPs. Sem. II. Be.) BCE1E2 Mr Tony Conway**

The priority of this subject will be to develop the student's conceptual abilities in three dimensional form. Student's skill base will be expanded through set exercises. An emphasis on the surface treatment of the clay will be a consideration of set projects. Students will be encouraged to expand their knowledge of kilns and move towards a more independent approach to firing.

**Class requirements:** one 1-hour lecture, one 0.5-hour workshop, one 1.5-hours studio per week.

**Assessment:** projects (60%) and folio (40%).

**CERAMICS 300 (15 CPs. Sem. I. Be.) BCE2E3 Mr Tony Conway**

The aim of this subject is to extend the student's self expression in three dimensional ceramic form. The introduction of a variety of forming processes including the potter's wheel, moulds and other

simple forming processes will be explored through the set exercises. Students individuality will be evident through the style of the work. An independent and confident approach to the processes in ceramics and a sound working knowledge of kiln firing will be expected.

**Class requirements:** one 1-hour lecture, one 0.5-hour workshop, one 1.5-hours studio, per week.

**Assessment:** projects (100%).

**CERAMICS 400 (15 CPs. Sem. II. Be.) BCE2E4 Mr Tony Conway**

The aim of this subject is designed to allow advanced students in ceramics to consolidate the conceptual and technical skills the student has acquired. The student will be required to consult with the subject co-ordinator in order to write a program that will develop an innovative approach to a single body of work.

**Class requirements:** one 1-hour lecture, one 2-hours studio per week.

**Assessment:** folio (100%).

**CHALLENGING BEHAVIOUR (20 CPs. Sem. II. Be.) BES6CB Dr Dixie Blanksby**

This subject analyses the positive approaches to understanding challenging behaviour. Students complete a practical behaviour program incorporating environmental and educational responses.

**Prerequisite:** BES6PE.

**Class requirements:** three hours per week.

**Assessment:** assignments (100%).

**CHEM102 GENERAL CHEMISTRY (15 CPs. Sem. I. Be.) BCH102 Dr John Wells**

Elements, compounds and mixtures, the mole and stoichiometry, atomic structure, molecules and chemical bonding, metals and non-metals, chemical behaviour and the periodic table, gas laws, solutions, electrolytes, chemical reactions, acids and bases, calculation oxidation and reduction, and chemical equilibrium.

**Class requirements:** six hours per week.

**Assessment:** progressive assessment. (100%) Practical work must be completed to a satisfactory standard.

**Prescribed reading:**

Dickson, T. R. (1995) *Introduction to Chemistry* 7th edn, New York: Wiley.

**CHEM110 CHEMISTRY 1A (15 CPs. Sem. I. Be.) BCH110 Dr Bruce Johnson**

Chemical hazards and the safe handling of acids and bases. Stoichiometric relationships concentrations, Chemical equilibrium for gas and solution phase reactions: Le Chatelier's principle, equilibrium calculations. Acids and base reactions in aqueous solution: relative strengths; pH calculations; buffers; introduction to acid-base titrations. Chemical thermodynamics: first law of thermodynamics, isochoric, isobaric and isothermal processes; thermochemistry including the effect of temperature on reaction rates; introduction to the second law of thermodynamics and Gibbs free energy. Chemical kinetics: effects of reactant concentration and temperature on reaction rates. Electrochemistry: revision of oxidation and reduction processes, and electrochemical cells.

**Prerequisite:** VCE chemistry units 3 & 4 or BCH102.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (50%), tutorial problems (15%), practical work (25%) and an assignment (10%).

**Prescribed reading:**

Zumdahl, S. S. *Chemical Principles*, 3rd ed, Houghton Mifflin.

**CHEM120 CHEMISTRY 1B (15 CPs. Sem. II. Be.) BCH120 Dr David Morton**

Chemical hazards and the safe handling of inorganic and organic chemicals. The structure and properties of the atoms and the periodic classification of the elements. Introduction to bonding in molecules: valence bond theory and hybrid orbital formation. Introduction to solubility relationships and co-ordination chemistry. Chemistry of carbon and its compounds: alkanes, alkenes, alkynes, aromatic compounds, halides, phenols, ethers, nitro compounds, amines, aldehydes, ketones, carboxylic acids, amino acids and their derivatives.

**Prerequisite:** VCE chemistry units 3 & 4 or chemistry 102.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (50%), tutorial problems (15%), practical work (25%) and an assignment (10%).

**Prescribed reading:**

Zumdahl, S. S. *Chemical Principles*, 3rd ed, Houghton Mifflin.

**CHEM201 ORGANIC CONCEPTS (15 CPs. Sem. I. Be.) BCH201 Dr Peter Brooks**

This subject provides an introduction to spectroscopy, including infra-red and nmr, fundamental concepts, such as molecular orbital

and valence bond theories, electro-negativity, dipole moments, resonance, chirality, conformational analysis, stereochemistry, substitution and elimination reactions, reactions of carbanions and enolate anions and the synthesis of aliphatic compounds.

**Prerequisite:** BCH110, BCH120.

**Class requirements:** 3-hours lectures/tutorials, and 2-hours practical work.

**Assessment:** 3-hour examination (50%), test (10%), assignment (10%), and practical work (30%).

**Prescribed reading:**

Brown, W. H. *Introduction to Organic Chemistry*, Sanders College Publishing.

**CHEM202 ENERGY AND CHANGE (15 CPs. Sem. II. Be.) BCH202 Dr John Wells**

Topics include ideal and real gases, kinetic theory, thermodynamics, second and third laws, entropy, free energy, chemical potential, chemical equilibrium, properties of solutions, phase equilibria, equilibrium electrochemistry, thermodynamics of electrolytes and reversible electrochemical cells, reaction kinetics, experimental methods for determining reaction rates and orders and reaction mechanisms.

**Prerequisite:** BCH110, BCH120.

**Co-requisite:** BMATHCA1 or BMATHAPC.

**Class requirements:** 3-hours lectures/tutorials, 2-hours practical work.

**Assessment:** 3-hour examination (60%), practical work (25%), and an assignment (15%).

**Prescribed reading:**

Atkins, P. W. (1998) *Physical Chemistry* 6th edn Oxford UP.

**CHEM203 INSTRUMENTAL ANALYSIS A (15 CPs. Sem. II. Be.)**

**BCH203 Mr Ken Lindrea**

Topics include an introduction to instrumental methods of chemical analysis, spectrophotometry, UV-Visible, introductory atomic absorption, infra-red, gas-liquid and liquid-liquid chromatography, electro-analytic chemistry and potentiometry and conductance.

**Prerequisite:** BCH110, BCH120.

**Class requirements:** 3-hours lectures/tutorials, 2-hours practical work per week.

**Assessment:** 3-hour examination (50%), practical work (35%), and an assignment (15%).

**Prescribed reading:**

Skoog, D. A., Holler, F. J. and Nieman, T. A. (1998) *Principles of Instrumental Analysis*. 5th edn Saunders.

**CHEM204 INORGANIC CHEMISTRY (15 CPs. Sem. II. Be.) BCH204**

**Dr David Morton**

Atomic and molecular structure: spectra, symmetry. Co-ordination chemistry: ligands, co-ordination numbers, isomerism, properties and reactions, selected descriptive chemistry. Organometallic chemistry. Solid state chemistry: crystal structures, lattice enthalpies, defects.

**Prerequisites:** BCH110, BCH12.

**Class requirements:** 3-hours lectures/tutorials, and 2-hours practical work per week.

**Assessment:** 3-hour examination (50%), practical work (30%), and assignment (20%).

**Prescribed reading:**

Rogers, G. *Solid State and Descriptive Inorganic Chemistry*, International edn McGraw Hill.

**CHEM205 ENVIRONMENTAL CHEMISTRY (15 CPs. Sem. I. Be.)**

**BCH205 Dr Bruce Johnson**

Students examine the scope of environmental chemistry, analytical techniques for environmental monitoring, aquatic chemistry, atmospheric chemistry, and soil chemistry and chemical toxicology.

**Prerequisite:** BCH110.

**Class requirements:** 3-hours lectures/tutorials, and 2-hours practical work per week.

**Assessment:** 3-hour examination (50%), practical work (25%), and assignments (25%).

**CHEM302 CHEMICAL DYNAMICS (15 CPs. Sem. I. Be.) BCH302 Dr**

**David Morton**

Components include molecular spectroscopy, microwave, IR, UV, statistical thermodynamics of equilibrium systems, theories of reaction rates (collision theory and absolute rate theory), reactions in solution (effects of ionic strength, ion charge and dipole moment), diffusion controlled reactions, electrochemistry, electrolytic conduction, over-potential, industrial applications and phase equilibria in ternary systems.

**Prerequisite:** BCH202.

**Class requirements:** 3-hours lectures/tutorials, and 2-hours practical work per week.

**Assessment:** 3-hour examination (60%), assignment (15%), and practical work (25%).

**Prescribed reading:**

Atkins, P. W. (1998) *Physical Chemistry*. 6th edn Oxford UP.

**CHEM303 INSTRUMENTAL ANALYSIS B (15 CPs. Sem. I. Be.)**

**BCH303 Dr Peter Brooks**

This is a study of the design, operation and use of analytical instrumentation, with particular emphasis on chromatography and spectroscopy. Students gain a working knowledge of the design, use and maintenance of instruments commonly used in chemical analysis, and of the evaluation of analytical data. Specific techniques include high-performance liquid chromatography, gas chromatography and gas chromatography-mass spectrometry, ultra violet and visible spectrophotometry, and atomic spectroscopy (atomic absorption spectrophotometry and inductively-coupled plasma atomic emission spectrophotometry).

**Prerequisite:** BCH203.

**Class requirements:** 3-hours lectures /tutorials, and 2-hours practical work per week.

**Assessment:** 3-hour examination (50%), practical work (35%), and assignment (15%).

**Prescribed reading:**

Skoog, D. A., Holler, F. J. and Nieman, T. A. (1998) *Principles of Instrumental Analysis*, 5th ed, Saunders, Philadelphia.

**CHEM304 COLLOID AND POLYMER (15 CPs. Sem. II. Be.) BCH304**

**Dr John Wells**

Surface chemistry: interfacial tension, curved interfaces, adsorption, surfactants and micellar systems, detergency. Polymer chemistry: nature of polymers, polymerisation and degradation; properties of polymer materials; adhesives. Characterisation of particles and polymers. Colloid chemistry: colloidal systems, charged interfaces, stability and flocculation.

**Prerequisite:** BCH20.

**Class requirements:** 3-hours lectures/tutorials, and 2-hours practical work per week.

**Assessment:** 3-hour examination (50%), practical work (25%), and assignments (25%).

**Prescribed reading:**

Hunter, R. J. (1993) *Introduction to Modern Colloid Science*, Oxford University Press.

**CHEM305 POLLUTION AND WASTE MANAGEMENT (15 CPs. Sem. II. Be.)**

**BCH305 Mr Ken Lindrea**

*This subject will not be offered in 2000.*

Sources of pollution, detection, monitoring and analysis of pollution, and management of gaseous, liquid and solid pollutants.

**Prerequisite:** BCH205.

**Class requirements:** 3-hours lectures/tutorials, and 2-hours practical work per week.

**Assessment:** 3-hour examination (50%), practical work (30%), and assignments (20%).

**Prescribed reading:**

Manahan, S. E. (1994) *Environmental Chemistry*, 6th edn Boca Raton: Lewis.

**CHEM309 ORGANIC SYNTHESIS (15 CPs. Sem. I. Be.) BCH309 Dr**

**Peter Brooks**

Topics in this subject include aromatic chemistry, nomenclature, sources, synthesis and reactions, heterocyclic chemistry, synthesis, properties and reactions, industrial examples, free radical chemistry, their structure, detection, reactions and applications, photochemistry, advanced spectroscopy, identification of compounds by UV and <sup>13</sup>C-nmr and mass spectrometry.

**Prerequisite:** BCH201.

**Class requirements:** 3-hours lectures/tutorials, and 2-hours practical work per week.

**Assessment:** 3-hour examination (50%), class test (10%), practical work (30%) and assignment (10%).

**Recommended reading:**

Silverstein, R. M., Bassler, G. C. and Morrill, T. C. (1991) *Spectrometric Identification of Organic Compounds*, John Wiley and Sons.

**CHEMISTRY TEACHING METHOD (20 CPs. All year. Be.) BSE5CM**

This subject prepares students for teaching general science and senior chemistry. Topics include introduction to junior science curriculum materials, learning theories and science teaching constructivism and other strategies. Primary- secondary transition

with respect to science concepts and skills, writing and using objectives, identifying objectives in published materials, assessment methods for different teaching strategies (check lists, laboratory work, skills and attitudes), lesson planning and writing teaching units and safety and legal responsibility in science teaching. Gender issues in science teaching, national and state policies, computer assisted learning, objectives and outline of VCE chemistry, year 11 and 12 subjects, laboratory techniques and organisation and some teaching aids for chemistry are also covered. The subject also includes assessment practices and CATS, testing and diagnostic aids and the use of technology and computers in chemistry.

**Prerequisite:** sub-major study in chemistry in an approved degree.

**Class requirements:** two hours per week.

**Assessment:** assignments (100%). Students will complete four assignments worth 25% each.

#### **CHINESE STUDIES (30 CPs. All year. Be.) BCI1CS Dr Li Zhang**

This one year subject in Chinese language (Mandarin) is designed to provide beginners with fundamental skills in listening, speaking, reading and writing Chinese. Background information on China's history, culture and society is introduced as an element of the course. No previous knowledge of Chinese is assumed.

**Class requirements:** five hours per week.

**Assessment:** oral test (10%), written exam (40%), written tests (30%), participation (10%), and assignments (10%).

#### **CIVIL CONSTRUCTION (15 CPs. Sem. II. Be.) BEN3CCN Mr Brian Coles**

This subject covers factors to be considered and techniques employed in civil engineering construction. Construction equipment, including selection of equipment, concrete production, placement, curing and quality control, earthmoving materials and operations, rock excavation and quarrying operations, building construction, foundations, soil improvement and stability of excavations, the principles of soil stabilisation, grouting, construction and environment, environmental legislation, construction of solid waste landfill sites, planning and scheduling of construction, occupational health and safety, legislation, site safety, work practices and working conditions.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (80%) and assignments (20%).

#### **Prescribed reading:**

Antill, J. M., Ryan, P. W. S. and Easton, G. R. (1998) *Civil Engineering Construction*, 6th ed, McGraw-Hill.

Victorian current Occupational Health and Safety Legislation.

Victorian current Environmental Legislation.

#### **CIVIL DESIGN 4 (14.5 CPs. Sem. I. Be.) BEN5CD4 Ms Daniella Ionescu**

*This subject will be offered for the last time in 2000.*

Topics covered include pre-stressed concrete (application to slabs, beams, frames, etc.), bridges (an overview), steel and concrete design of typical elements, tilt slabs, earth dam design, pile foundations, foundations on rock and pavement design.

**Prerequisite:** BEN4CD3, BEN4GE.

**Class requirements:** five hours per week.

**Assessment:** projects (70%), class tests (15%), assignments (15%).

#### **CIVIL ENGINEERING MATERIALS (15 CPs. Sem. I. Be.) BEN3CMT Ms Daniella Ionescu and Mr Ross Anderson**

Students are introduced to the structure and properties of materials used in civil engineering. Topics include: Introduction to the types of materials and their characteristic properties, the structure-property-processing relationship, materials selection, bonding between atoms, structure of materials, mechanical properties of materials, carbon steels, concrete (cement, aggregates, admixtures, mix design, durability), timber (classification, seasoning, grading and strength relationship, durability), geosynthetics (types and applications), bituminous materials, bricks and blocks, inspection of materials, non destructive testing, sampling, material specification and quality control.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (60%), assignments and laboratory work (40%).

#### **Prescribed reading:**

Ashby, M. F. and Jones, D. R. H. (1996) *Engineering Materials 1: An Introduction to their Properties and Applications*, 2nd edn Pergamon Press.

Ashby, M. F. and Jones, D. R. H. (1986) *Engineering Materials 2: An Introduction to Microstructures, Processing and Design*, 2nd edn, Pergamon Press.

#### **CLASSICAL GREEK (40 CPs. Be.) BLA23GRK Mr John Penwill** *Not available in 2000.*

**CLASSICAL LATIN (40 CPs. All year. Be.) BLA23LAT Mr John Penwill**  
A thorough study of elementary Latin grammar which is taught as far as possible through reading. The grammar covers the various verb forms, the case-endings of nouns, pronouns and adjectives, the use of adverbs, conjunctions and prepositions, and the way in which Latin sentences are put together. The reading is carefully graded so as to correspond to the level of grammatical competence reached at each stage and is supported with full running vocabulary.

**Class requirements:** four hours of lectures per week.

**Assessment:** 3-hour examination (35%), 22 weekly assignments (30%), and 3-hour examination (35%).

#### **CLASSICAL LITERATURE (15 CPs. Sem. I. Be.) BL1CLIT Mr John Penwill**

This subject introduces Western literature at its birth, both for the intrinsic value of the works themselves and as a foundation for understanding the seminal role of classical literature in Western consciousness. It involves such issues as the transition from non-literate song to literary epic, narrative technique, the function of myth in literature, the use and re-use of material drawn from the same myth cycle, the concept of the hero, the difference between epic and tragedy, literature and life, women in classical literature, the relationship between Greek and Roman literature, the classical sensibility and the concept of the canon.

**Class requirements:** three hours of lectures and one 1-hour tutorial per week.

**Assessment:** assignment (20%), class test (20%), class participation (10%), and 2-hour written examination (50%).

#### **Prescribed reading:**

Homer, *The Iliad*, tr. Hammond, Martin, Penguin.

Sophocles, *Ajax and Philoctetes in Electra and other plays*, tr. Watling E. F. Penguin.

Seneca, *Thyestes, in Four Tragedies and Octavia*, tr. Watling, E. F. Penguin.

Virgil, *The Aeneid*, tr. Day Lewis, C. OUP World's Classics.

#### **CLINICAL NURSING (15 CPs. Sem. I or II. Be.) BHS4CN Ms Sharon Kendall**

Students examine the application of the nursing process in the planning and delivery of care to specific client groups. The application of conceptual models of nursing to client care are also examined, along with the application of current nursing research to client care. There is also a component on the use of learning contracts.

**Class requirements:** two hours of lectures and two hours of clinical practice.

**Assessment:** 1,000 to 1,500-word assignment (30%), a care plan (40%) and a tutorial presentation (30%).

#### **CLINICAL READINGS: COMPREHENSIVE CARE (15 CPs. Sem. II. Be.)**

**BHS8CRC Ms Karen Riley**

*Not available in year 2000.*

#### **CLINICAL READINGS: SECONDARY CARE (15 CPs. Sem. I. Be.)**

**BHS8CRS Ms Karen Riley**

*Not available in year 2000.*

#### **CLINICAL READINGS: TERTIARY CARE (15 CPs. Sem. I. Be.)**

**BHS8CRT Ms Karen Riley**

*Not available in year 2000.*

#### **CLINICAL SPECIALITY (15 CPs. Sem. I. Be.) BHS4CNS Ms Sharon Kendall**

This subject extends the material of clinical nursing. Students explore a defined area of clinical speciality under the guidance of an allocated supervisor. A learning contract is negotiated to meet individual student needs and theoretical studies are complemented by clinical practice.

**Prerequisite:** BHS4CN.

**Class requirements:** three-hours and one-hour of guided self-directed study.

**Assessment:** scenario based assessment (40%), teaching package (60%). Students will complete two scenario based assessment each worth 20%.

#### **COMM AND TECHNOLOGY (20 CPs. Sem. I. Be.) BES5C Dr Dixie Blanksby**

*Not available in 2000.*

#### **COMMUNICATION SKILLS (15 CPs. Sem. I. Be.) BHS1CS Mr Andrew Crowther**

This subject gives students an insight into the communication process and develops ways of improving their communication competence in public health. Students follow a learning model that

outlines communication theories, models concrete examples of communication behaviour, analyses specific skills, puts these skills into practice and finally helps students develop self-assessment and real-life applications. The teaching process is highly interactive.

**Class requirements:** three hours of seminar/interactive tutorial sessions.

**Assessment:** interview and 1,500-2,000 word written report (80%), one 1-hour class test (10%) and participation (10%).

**COMMUNICATIONS (15 CPs. Sem. I & II. Be.) BACCCO Ms Jennifer Goddard**

This subject provides students with an understanding of, and practical experience in, the use of a variety of current methods of communication. The subject content includes reading, writing and listening skills, production of letters and reports, verbal and non-verbal communication, cultural factors in communication and the use of information sources. On completion, students should be able to listen and read effectively; produce a written document with appropriate structure, content and language for its purpose (e.g. a memo, report, essay or email); deliver a verbal presentation appropriate to its audience and purpose, using appropriate aids; work effectively within a team; use techniques and information to verify and improve their own communication (e.g. peer review, dictionary, spell checker, thesaurus); use and evaluate the integrity of a variety of information sources (e.g. library, world wide web, on-line information sources); recognise and respond to non-verbal communication and critically evaluate examples of communication.

**Class requirements:** four hours per week.

**Assessment:** cumulative assessment and examination. (100%).

**Preliminary reading:**

Dwyer, J. (1999) *Communication in Business*, Sydney: Prentice-Hall.

**COMMUNITY AND DIFFERENCE (24 CPs. Be.) BWP4CD Ms Yola Collins.**

*Not available in 2000.*

**COMMUNITY LIFE (20 CPs. Sem. II. Be.) BES5CL Dr Michael Faulkner**

This subject considers the societal, community and individual implications of special needs program provision in the transition years from schooling to adult life, for young people with additional needs. The subject encompasses transition for young people with disabilities and additional needs, from both mainstream and segregated settings. Students will be required to identify an area of specific interest within which they can develop and investigate a project. Possible areas include transition programs and/or supported employment programs for people with disabilities, community support for early school leavers, intervention programs for overcoming drug and alcohol abuse, programs for long term unemployed young people, adults literacy programs, or programs for youth in the corrections system. The sharing of project findings is an essential component in extending their knowledge of existing community programs for people with special needs and the philosophies and strategies which form part of such programs.

**Prerequisite:** generally BES5ISE.

**Class requirements:** four hours per week (equivalent), and involves full day classes during weekends and school vacations.

**Assessment:** major essay (50%), and two assignment tasks (50%).

**COMMUNITY NURSING (15 CPs. Sem. II. Be.) BHS4CON Ms Karen Riley**

This subject examines the community health program, its background and present status, the principles of epidemiology, health education program development, program evaluation, group dynamics, health assessment, community development, health team functioning, the individual and the family as client. Psycho-social factors in health-related behaviour is also examined.

**Class requirements:** three hours per week.

**Assessment:** minor assignment (30%) and major project (70%).

**COMMUNITY PSYCHIATRIC CARE (15 CPs. Sem. II. Be.) BHS8CPC Mr Andrew Crowther**

This subject examines the move of psychiatric services away from institutional care towards community care. It focuses on psychiatric nursing practice at a community level, with a particular emphasis on the nurse's role within a community orientation.

**Class requirements:** 39 hours per semester. May be delivered in intensive study block mode.

**Assessment:** 2,000 word major assessment (60%), a minor assessment (40%). Students undertaking the minor assessment can choose from a 1,500 word written or verbal presentation.

**COMMUNITY PSYCHOLOGY (15 CPs. Sem. I. Be.) BPY3COM Dr Robert Jamieson**

This subject examines community oriented interventions designed to improve the welfare of members from a psychological perspective. It also identifies characteristics of community based programs, techniques used to evaluate the effectiveness of community based interventions and the theories underpinning such interventions. Content includes the social psychology of communities, social networks, social support survey research and the definition of community needs, behaviour settings, field theory, general systems theory, ecological theory, social learning and behaviour modification in the community context, skill development, social problem solving, and coping with stressful environments.

**Prerequisite:** any two second year psychology subjects.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 1-hour practical per week.

**Assessment:** essay (30%), report (30%) and examination (40%).

**Prescribed reading:**

Duffy, K. G. and Wong, F. Y. *Community psychology*. Allyn & Baco.

**COMPANY LAW (15 CPs. Sem. I. Be., Mi.) BLAWCL Ms Jill Breden**

This subject gives a basic understanding of the legal rules relating to business corporations and an ability to apply these to a given set of facts. Topics looked at are: classification of companies, the corporate constitution, incorporation and its consequences, management, promoters and pre-incorporation contracts, liability of the company, membership, meetings, directors' duties, members remedies, accounts and audit, share and loan capital, dividends, capital transactions, prospectuses, the securities industry, take-overs and external administration.

**Prerequisite:** BLAWBL1, BLAWBL2.

**Class requirements:** three hours per week.

**Assessment:** 3-hr examination (60%), 3,000 word assignment (25%), and tutorial work completed in class (15%). Students must obtain at least 40% in each of the three components of the subject, as well as an overall total of at least 50%.

**COMPARATIVE ECONOMIC HISTORY 3 (15 CPs. Sem. II. Be.) BECOEH3 Dr Andrzej Solecki**

This subject provides an understanding of the importance of economic factors active over time in shaping contemporary society. Particular attention is paid to the growth and development of two Asia-Pacific nations during the 19th and 20th centuries. Against the background of the general and particular trends in economic development, the subject interprets the current situation of the countries in question and attempts to predict their required and possible further paths of development.

**Prerequisite:** BECOMI1 and BECOMA1 (pre-requisites vary for History and Development Studies students).

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and examination. (100%).

**COMPARATIVE ECONOMIC SYSTEMS 3 (15 CPs. Sem. I. Be.) BECOCES3 Dr Andrzej Solecki**

This is a comparative study of different systems of economic organisations including laissez faire, market-directed, plan- directed, mixed and traditional economies. Contemporary economic systems are analysed in terms of their goals, values, structure, function and performance. Practical illustrations are drawn from a number of countries, though the main concentration are on the Australian, the European Union, Japanese and the USA economies.

**Prerequisite:** either BECOMI1 and BECOMA1 or BPAU1API and BPRIPIR.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and examination. (100%).

**COMPLEMENTARY PRACTICES (15 CPs. Sem. I. Be.) BHS8CMP Ms Karen Riley**

*Subject to sufficient enrolments. May be delivered in intensive study block mode.*

A growing proportion of the population are seeking health care from a variety of alternative or complementary sources. This subject introduces students to the alternative and complementary practices which are becoming increasingly popular in nursing. Students are invited to explore a wide range of these practices with the view of identifying their therapeutic value and the ways in which nurses may incorporate them in their care.

**Class requirements:** 39 hours per semester.

**Assessment:** 2,500 word major written assignment (60%), and minor assessment (40%).

**COMPLEX ANALYSIS (15 CPs. Sem. II. Be.) BMATHCOM Dr Simon Smith**

*May not be offered every year.*

The development of the theory of functions of a complex variable provides a fascinating example of how initial vague and uncertain ideas can be turned into a powerful and rigorous theory with far-ranging applications. The key aspects of this development are studied, from the first attempts to satisfactorily define and manipulate complex numbers, to the immense contribution of mathematicians such as Cauchy in the 19th century and finally to the modern era, where the advent of high speed computers has brought mathematics to a wide audience.

*Prerequisite:* BMATHCA3.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (70%), and assignments (30%).

**Prescribed reading:**

Brown, J. W. and Churchill, R. V. (1996) *Complex Variables and Applications*, 6th edn McGraw-Hill, New York.

**COMPREHENSIVE NURSING (15 CPs. Sem. II. Be.) BHS3CPN Ms Sharon Kendall**

This subject gives students the opportunity to explore holistic nursing care of clients with health problems requiring acute medical or episodic intervention. It examines acute and complex illness and multidimensional care, therapeutic medications, medical and surgical interventions and psychiatric interventions. The use of basic technologies in nursing care are considered in relation to acute and complex care needs of the client.

*Prerequisite:* All first year Bachelor of Nursing subjects, all second year Bachelor of Nursing subjects, all first semester third year Bachelor of Nursing subjects or equivalent.

*Class requirements:* 39-hours per semester.

*Assessment:* Scenario based assessments (40%), clinical reflection (10%), 2-hour examination (50%). Students will complete 2 Scenario based assessments each worth 20%.

**COMPREHENSIVE PRACTICE (15 CPs. Sem. II. Be.) BHS3COP Ms Dr Francis**

*May be delivered in intensive study block mode.*

This subject gives students the opportunity to explore holistic nursing care of clients with health problems requiring acute medical or episodic intervention. It examines acute and complex illness and multidimensional care, therapeutic medications, medical and surgical interventions and psychiatric interventions. The use of basic technologies in nursing care are considered in relation to acute and complex care needs of the client.

*Prerequisite:* All first year Bachelor of Nursing subjects, all second year Bachelor of Nursing subjects, all first semester third year Bachelor of Nursing subjects or equivalent.

*Class requirements:* 39 hours per semester. *May be delivered in intensive study block mode.*

*Assessment:* skill laboratory competence, satisfactory to mastery level, formative clinical performance appraisal using competency based assessment.

**COMPUTER ARCHITECTURE 1 (15 CPs. Sem. I. Be.) BITCA1 Mr Phil Rice**

This subject examines micro-coded machines, the concept of computer organisation as a layered system, basic architecture and organisation, review of digital logic (Boolean logic, Karnaugh maps, etc.), implementation of combinational logic, registers, multiplexers, etc. It also examines standard components, architecture of micro-coded central processing subjects, micro-programming, horizontal and vertical micro-code, nano-programming and examples of micro-coded central processors. Other components include microprocessors, assembly language programming, addressing, instruction set encoding, stacks, subroutines, development tools, programming techniques, modularity, re-entrancy, debugging techniques, programming I/O devices, polling, interrupt handling, DMA, interfacing to high level languages and device drivers.

*Prerequisite:* BMATHDIS plus any programming subject.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (60%), and assignments (40%).

**Prescribed reading:**

Tanenbaum A. S. (1990) *Structured Computer Organisation* 3rd edn, Prentice Hall.

**COMPUTER ARCHITECTURE 2 (15 CPs. Sem. II. Be.) BITCA2 Mr Phil Rice**

Students examine comparative instruction set architectures, the processor data path, pipe-lined and super-scalar implementations, memory hierarchies and parallel and special purpose architectures.

*Prerequisite:* BITCA1.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (60%), and assignments (40%).

**COMPUTER FUNDAMENTALS (15 CPs. Sem. I. Be.) BITCFU Ms Belinda Choi**

This is an introduction to the way a computer works, including the main hardware units of the computer and how processing is controlled. Input and output methods. How data is stored, internally and externally and processed. Comparison of storage media. Introduction to file organisations, sequential, random and indexed sequential, batch and online processing, an introduction to multiprocessing and multiprogramming computers and an introduction to telecommunications. There is also an introduction to system software, including operating systems, compilers and assemblers and an introduction to databases.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (50%), practical assignments (25%), 1,500 word research essay (15%), one 50 minute test (5%), practical work (5%). Students must obtain at least 40% on the examination component of the assessment. Students will complete two practical assignment work 10% and 15%.

**COMPUTER NETWORKS (15 CPs. Sem. I. Be.) BITCNE Mr Phil Scott**

This subject provides an overview of data communications. The OSI layered model, functional description of the layers, entities which exist at each layer, protocol stacks, the role of standards, functionality defined by the upper layers of the OSI model, including analysis of, and comparisons with, other layered network architectures such as TCP/IP and SNA as well as a comparison and the charging policies of carrier services. Emergent carrier technologies and their likely impact, basic network services in TCP/IP, functions and protocols, including FTP, Telnet, SMTP are also examined. There is also a survey of more advanced network services and protocols from TCP/IP and OSI, FTAM, X.400, X.500, VT, NFS, SNA structures and services. An examination is also made of network management, including SNMP, an introduction to CMIP/CMIT, ASN.1 formal description language and Network security issues.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (60%), and assignments (40%).

**COMPUTER TECHNOLOGY (15 CPs. Sem. I. Be.) BITCTE Mr Mal Sutherland**

Introduces students to the architecture and hardware of current personal computer systems. Topics covered provide a general description of the technologies incorporated into modern personal computer systems.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (50%), practical assignments (50%).

**CONSULTATION AND CHANGE (20 CPs. Sem. I. Be.) BES6CAC Dr Michael Faulkner**

This subject includes an analysis of consultancy within contemporary schooling and human service systems. The program places specific emphasis on forms of consultancy oriented to the improvement of curriculum or services provision for people with additional needs. The skills of effective consultancy form part of the study program and are inclusive of consultancy contexts at both the macro and micro levels. The dialectical relationship between consultation processes and change processes is also explored.

*Prerequisite:* BES5PBP or BES5HC or equivalent.

*Class requirements:* four hours per week. This could include full day classes during weekends or school holidays.

*Assessment:* 5,000-6,000 word paper (100%).

**CONSUMER BEHAVIOUR (15 CPs. Sem. II. Be.) BMARKCB Mr Mehdi Taghian**

This subject details the influence on the behaviour of consumers, including motivation, personality, culture, social class and family. Consumer decision making and models of buyer behaviour are also outlined. Social and political aspects of consumerism are considered.

*Prerequisite:* BMARKITM.

*Class requirements:* three hours per week.

*Assessment:* 3-hour examination (60%), tests (20%), 2,500-3,000 word major assignment (60%). Students must achieve at least 50% on the final examination as well as an overall total of 50% to pass the subject. Students will complete two tests in class each worth 10%.

**Prescribed reading:**

Lawson, R., Tidwell, P., Rainbird, P., Loudon, D. and Della Bitta, A. (1996) *Consumer Behaviour in Australia and New Zealand*, McGraw-Hill, Sydney.



**CONTEMPORARY FEMINIST DEBATES (24 CPs. Be.) BW4CFD Dr Sue Gillett.**

Not available in 2000.

**CONTEMPORARY ART ISSUES (15 CPs. Sem. I. Be., Mi.) BAE2CAI Ms Susan Paterson**

Students are given the opportunity to broaden their knowledge of art theory and aesthetics as it applies to arts education, culture and criticism. Ideals of beauty, taste, subjectivity and experience are explored and related to contemporary culture. A master lecture series, which includes invited eminent national creative artists and critics, allows students to explore contemporary art practice and influences at the forefront of Australian and international cultural development in the arts. Issues of cultural diversity, post-modernism, feminism, new internationalism and aesthetics are also covered.

**Class requirements:** four hours per week.

**Assessment:** assignment and oral presentation (50%) and a 3,000-word essay (50%).

**CONTEMPORARY ECONOMIC PROBLEMS 3 (15 CPs. Sem. II. Be.) BECOEP3 Dr Andrzej Solecki**

Students become aware of the volatility of economic issues and the need to constantly re-assess major economic issues affecting society. The subject builds upon macroeconomic concepts developed in earlier studies via the application of economic concepts to practical problems, systematic analysis of problems and decision making and independent research and inquiry. Major topics considered include, the nature and complexity of economic problems, definitions, measurements and theories of economic growth, problems of less developed countries, energy problems, international trade, international finance, socialism and communism as an alternative to capitalism and domestic economic problems.

**Prerequisite:** BECOMI1 and BECOMA1.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment. (100%).

**CONTEMPORARY HEALTH CARE (15 CPs. Sem. II. Be.) BHS4CHC Ms S. Kendall and Ms. L. Chambers**

Students examine models of health and illness, communication skills in health care and comprehensive health assessment incorporating a life span approach.

**Class requirements:** three hours plus one hour of guided, self-directed study.

**Assessment:** a 1,000 to 1,500-word assignment (40%), an examination (50%) and a skills challenge (10%).

**CONTEMPORARY ISSUES IN CHILDREN'S LITERATURE (15 CPs. Sem. II. Be., Mi.) BEE3CICL Dr Vaughan Prain**

This subject studies recent developments in children's literature, including the impact of computer and electronic technologies on the generic features of texts as well as the changing relationships and roles between text creators and readers. Text types analysed include multimedia texts using HyperCard, interactive books, graphic novels, as well as the development of niche genres for particular readership's.

**Prerequisite:** normally BEE3PCCL.

**Class requirements:** two 1 hour lectures, and two hours of tutorial, per week.

**Assessment:** a journal (40%), a project (40%) and a tutorial presentation (20%).

**CONTEMPORARY NURSING (15 CPs. Sem. I. Be.) BHS4CNU Ms Sharon Kendall**

Basic philosophies and concepts of nursing, the historical development of the nursing profession, theories, problem solving and the nursing process, nursing care planning, nursing diagnosis, nursing roles and functions, development of nursing knowledge, contemporary health issues and nursing are all examined.

**Class requirements:** 39 hours per semester.

**Assessment:** 1,000-word assignment (30%), 500-word assignment (10%) 2,000-2,500 word assignment (60%).

**Preliminary reading:**

Nolan, A. and Hazelton, L. (1995) *The practising nurse*, Sydney: W. B. Saunders.

McCoppin, B. and Gardner, H. (1994) *Tradition and reality: nursing and politics in Australia*, Melbourne: Churchill Livingstone.

**CONTEMPORARY POLITICAL ISSUES (24 CPs. Sem. I. Be.) BP4CPI Mr Ian Tulloch**

This subject traverses the range of politics offerings in the Bachelor of Arts, encouraging an in-depth study of the major contemporary political debates in Australian politics, thus consolidating and extending the work done in undergraduate degrees. Students are

encouraged to pursue their interests in the political debates most relevant to the subjects undertaken at second and third year levels of their undergraduate studies. Although areas of study vary each year depending on their degree of importance and relevance, it is envisaged that one or more of the following political debates will be examined. Mabo and the native title legislation, the republican debate, federal-state relations, the fundamental changes to Australia's federal industrial laws, the level of participation of women in Australian politics, the political impact of economic rationalism and Australia's role in the Asia-Pacific region. An emphasis is given to contemporary political issues of national importance, however more particular state-based issues may also be reviewed. The specific area of study will be negotiated between staff and students.

**Class requirements:** three hours per week.

**Assessment:** essay 2,500 words (40%), essay 3,500 words (50%) seminar participation (10%).

**CONTEMPORARY SOCIAL ISSUES (20 CPs. Be., Mi., Sh.) BSA23CSI Mr Gerry Gill.**

Not available in 2000.

**CONTEXT OF LEARNING, THE (15 CPs. Sem. I. Be., Mi.) BES3CL Mr Tony Potts**

This is a unit using insights from history, philosophy, sociology and comparative education to examine critical issues of concern for education. Issues addressed include rurality, social class, multiculturalism, family, gender, work, technology and the future.

**Class requirements:** four hours per week.

**Assessment:** one essay (40%) and one exam (60%).

**COUNSELLING SKILLS (15 CPs. Sem. I & II. Be.) BHS5CS Mr Andrew Crowther**

This subject provides a basic framework within which counselling skills may be developed. By virtue of the nature of the skills, approximately half of the subject consists of experiential learning exercises. It is anticipated that this subject will be personally challenging in that students will be asked to look at themselves, their values and attitudes and reflect on their present therapeutic communication skills. Peer appraisal and feedback facilitate skills improvement.

**Class requirements:** three hours per week.

**Assessment:** practical skills based assessment (40%) and examination (60%).

**Prescribed reading:**

Geldard, D. (1993) *Basic personal counselling*. 2nd edn Sydney: Prentice Hall.

**CRITICAL THINKING (15 CPs. Sem. I. Be.) BHS5CRT Mr Jim Kevin**

This subject allows students to explore various ways of knowing what is significant to the epistemology of nursing. A major theme throughout the subject is the application of critical thinking processes in an analysis of nursing practice. Students are encouraged to use the principles of critical thinking and developing creative ways for dealing with situations.

**Class requirements:** 39 hours per semester. May be offered in intensive study block mode.

**Assessment:** class presentation and paper equivalent to 1,500-words (30%) and a case study equivalent to 3,000-words (70%).

**CURRICULUM EVALUATION (20 CPs. Sem. I. Be.) BES4CE Ms Jennifer Sheed.**

Not Available in 2000.

**DATA COMMUNICATIONS (15 CPs. Sem. II. Be.) BITDCO Mr Phil Scott**

This subject examines a bottom-up overview of the OSI layered model, the nature of physical links, bandwidth, Shannon's law, Nyquist theorem, media characteristics, hardware interface standards, LAN cabling standards, the datalink/MAC/LLC layers, concepts of typical systems, connection-oriented vs. connectionless approaches and protocols. Formal and informal protocol descriptions, the network layer, types of networks, network design issues and protocols (e.g. IP, X.25, CLNS), public network services, transport layer, OSI and Internet approaches, design issues, programmer interface and emergent network issues from a technical viewpoint are all examined.

**Prerequisite:** BITPCO.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), and assignments (40%).

**DATA STRUCTURES (15 CPs. Sem. I & II. Be.) BITDST Ms Mary Martin and Mr Mal Sutherland**

This subject comprises components on composite data structures, implementing data structures with abstract data types, generalising abstract data types with templates, operator overloading, advanced



sorting, searching and merging techniques for linear structures, recursion, dynamic memory allocation linked lists, trees, program correctness and algorithm complexity, documentation, debugging and testing.

**Prerequisite:** BITPCO.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%).

**DATABASE (15 CPs. Sem. II. Be.) BITDBA Mr John Olle**

This subject examines database fundamentals (evolution of DBs, data structures, DB architecture, database management systems), logical database design (data analysis, normalisation, data modelling), database models (relational, relational model theory, Codd's rules, OODB), physical database design (optimisation), database processing (SQL for retrieval and update, views, host languages, 4GLs), practical database (hands-on development and data manipulation with a DBMS), database administration (DB administrator, catalogue, data administration, semantic integrity and data redundancy, DB security, backup and recovery, concurrency control), Information retrieval (IR services, search techniques, public networks), distributed database (DDB architectures, homogeneous DDB, heterogeneous DDB), inter-operability (contemporary database techniques, hardware and software, data mining), database types (statistical databases, temporal databases, spatial databases, data warehouses and web databases).

**Prerequisite:** undergraduate students – BITDST, BITISD, postgraduate students – BITPCO, BITIS1.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), and assignments (40%).

**Prescribed reading:**

Date, D. J. (1990) *Introduction to Database Systems*, Volume 1, 5th ed, Addison-Wesley, MA.

**DEAD SEA SCROLLS (24 CPs. Sem. II. Be.) BPR4DSS Mr Rod Blackhurst**

The unit is a reading course examining the academic debate over the ownership, control, publication and above all meaning of the Dead Sea Scrolls from 1948 to the present day. The unit considers the significance of the Scrolls for Christianity but also considers questions of academic censorship, archaeological methodologies etc.

**Class requirement:** one 3-hour lecture per week.

**Prerequisite:** Admission to BA Hon.

**Assessment:** One 3,500-word essay (60%), one 1,500-word book review (20%), one short-answer test (20%).

**DESIGN STUDIES 1 (15 CPs. Sem. I. Be.) BVA1D1 Mr Geoff Hocking and Mr Paul Morris**

An introduction to the realisation of visual concepts through theoretical consideration of design elements - Composition, Spatial Layout, Scale, Placement, Structure - through the application of basic design elements - colour, texture form and image. Conceptual development is encouraged as links between visual image, text and idea are established through applied projects.

**Class requirements:** 2-hours lectures, 2-hours practical, 2-hours self guided studio research per week.

**Assessment:** applied projects (100%).

The following applied projects will be assessed at 20% each:

1. Typographic application.
2. Logotype & Symbol.
3. Text & Image
4. Grid Layout
5. Package/paper construction.

**Recommended reading :**

Hinrichs, K. (1990) *TypeWise*. Cincinnati: North Light Books.

Itten, J. (1961) *The Art Of Color: the subjective experience and*

*objective rationale of colour*. New York: Reinhold Pub. Corp.

Pentagram Design. (1986) *Ideas On Design*. London: Faber & Faber.

**DESIGN STUDIES 2 (15 CPs. Sem. II. Be.) BVA1D2 Mr Geoff Hocking and Mr Paul Morris**

Design 2 develops an understanding of basic design applications through applied projects. The relationship of design elements - symbol and image, symbol and text, typography and image, photo and text - and their application to both 2 and 3 dimensional design projects through the expression of creative communicative projects is investigated.

Computers as a production tool are introduced at this level - the basics of hardware, software, computer etiquette and basic typesetting for applied projects are considered.

Subject matter is introduced through formal briefing and theoretical discussion, and developed by critique and assessment of outcomes.

**Prerequisite:** BVA1D.

**Class requirements:** 2-hours lectures, 2-hours practical, 2-hours self guided studio research per week.

**Assessment:** applied projects (100%)

The following applied projects will be assessed at 20% each:

1. Corporate Style.
2. Product Packing.
3. Text & Image (Poster) Design.
4. Magazine Cover Design.
5. Event Promotion.

**Recommended reading:**

Elam, K. (1990) *Expressive Typography: the Word as Image*. New York: Van Nostrand Reinhold.

Popper, F. (1993) *Art of The Electronic Age*. London: Thames & Hudson.

**DESIGN STUDIES 3 (15 CPs. Sem. I. Be.) BVA2D3 Mr Geoff Hocking and Mr Paul Morris**

This subject explores a variety of different design practices e.g.: advertising, publishing, editorial and information design. Various projects covering a basic understanding of these applications are taken to 'presentation visual' standard. This can be achieved either manually or digitally. Specific attention is paid to typographic detail, copy and text, creation and application of visual imagery, photographic application, illustration and marketing concepts.

Subject matter is introduced through formal briefing and theoretical discussion, and developed by critique and assessment of outcomes.

**Prerequisite:** BVA1D2 or satisfactory completion of TAFE Assoc. Diploma or equivalent.

**Class requirements:** 2-hours lectures, 2-hours practical, 2-hours self guided studio research per week.

**Assessment:** applied projects (100%)

The following applied projects will be assessed at 20% each:

1. Studio.
2. Editorial/publishing.
3. Advertising.
4. Photographic.
5. Typographic.

**Recommended reading:**

Grazier, B. and Yelland, J. (1993) *Typo Survival Kit for all Type Emergencies*. South Perth, WA: Press for Success.

Hillman, D., Peccinotti, H. and Gibbs, D. (1993) *Nova 1965-1975*. London: Pavilion.

White, J. (1980) *Graphic Idea Notebook: inventive techniques for designing printed pages*. New York: Watson-Guptill.

**DESIGN STUDIES 4 (15 CPs. Sem. II. Be.) BVA2D4 Mr Geoff Hocking and Mr Paul Morris**

Design 4 investigates a broad range of design applications with specific attention to page/grid layout, corporate style, promotional design (through visual merchandising, display and packaging), photographic realisation, and print concepts. Typographic detail is an essential consideration of this subject as function and communication become more acutely detailed.

Subject matter is introduced through formal briefing and theoretical discussion, and developed by critique and assessment of outcomes.

**Prerequisite:** BVA2D3 or satisfactory completion of TAFE Assoc. Diploma or equivalent.

**Class requirements:** 2-hours lectures, 2-hours practical, 2-hours self guided studio research per week.

**Assessment:** applied projects (100%).

The following applied projects will be assessed as indicated:

1. Product Concept - 20%.
2. Magazine/press advertising - 20%.
3. Point of sale design - 20%.
4. Catalogue Design - 20%.
5. Direct Mail - 10%.
6. Television - 10%.

**Recommended reading :**

Ballinger, L. and Ballinger, R. (1972) *Sign, Symbol & Form*. New York: Van Nostrand Reinhold.

Grattaroti, R. (1993) *Restaurant Graphics: from Matchbooks to menus*. Rockport, Mass.: Rockport Publishers.

Morgan, C. (1997) *Packaging Design*. Switzerland: RotoVision SA. (1988) *Shopping Bags and Wrapping Paper: Shopping Bag*. Tokyo: Graphic-sha 1st edn

**DESIGN STUDIES 5 (15 CPs. Sem. I. Be.) BVA3D5 Mr Geoff Hocking and Mr Paul Morris**

Design 5 is a studio based programme that attempts to approximate the professional studio environment. The design industry is viewed as comprising 5 separate working environments - studio, advertising,

publishing, information/education and electronic media. Projects are devised to allow students to gain experience, working at an advanced level, in each of these conceptually different areas of the communication industry. Subject matter is introduced through formal briefing and theoretical discussion, and developed by critique and assessment of outcomes.

Professional work can be introduced into this subject allowing for students to benefit from 'real-time' industrial experience.

A period of work experience will be expected for all students.

**Pre-requisite:** BVA2D4 - or 3 year Diploma of Graphic Design.

**Class requirements:** 2-hours lectures, 2-hours practical, 2-hours self guided studio research per week.

**Assessment:** applied projects (100%).

The following applied projects will be assessed at 20% each:

1. Editorial Design.
2. Packaging.
3. Advertising.
4. Corporate Style.
5. Mass Communication.).

#### **Recommended reading :**

Cato, K. (1992) *Design in progress: what happens behind the scenes*. Carson, Calif: Nippan Publications.

Herring, J. (1990) *Annual Report Design: A guide to the annual report process for graphic designers and corporate communicators*. New York: Watson- Gupitll.

Velthoven, W. Boer, L. and Strengholt, G. (1997) *Website Graphics: the Best of Global Site Design*. London: Thames & Hudson.

#### **DESIGN STUDIES 6 (15 CPs. Sem. II. Be.) BVA3D6 Mr Geoff Hocking and Mr Paul Morris**

Students are encouraged to select an area of specialisation based on their experience gained in Design Studies 5. The Final folio will be built on this individual interest or direction and may include - advertising, publishing, editorial, illustration, photography, studio design, electronic media etc. A choice of programmes is prepared for students in consultation with the unit co-ordinator. Individually selected projects must be compatible with the requirements of the course at an advanced level and with the preference of the individual student. Subject matter is introduced through formal briefing and theoretical discussion, and developed by critique and assessment of outcomes.

**Prerequisite:** BVA3D.

**Class requirements:** 2-hours lectures, 2-hours practical, 2-hours self guided studio research per week.

**Assessment:** applied projects (100%). Chosen industry streams: Design Studio, Advertising, Publishing & Editorial, Illustration & Photography, and Electronic & Multi-Media.

1. Minor assignment 1 part - 15%.
2. Major assignment 4 parts - 20%.
3. Minor assignment 1 part - 15%.
4. Major assignment 4 parts - 20%.
5. Major assignment 6 parts - 30%.

Three major and two minor assignments are compulsory for the successful completion of this unit. A Report design is a compulsory assignment for all students, this may be presented in traditional or electronic form and must include original photographic or illustrated imagery. Report content must be the result of research and appropriate presentation of both text and visual information.

#### **Recommended reading:**

Lewis, R. (1971) *Annual Reports: Conception and design of annual reports*. Zurich: Graphis.

Quon, M. (1997) *Corporate Graphics*. Saint Martins Press Inc.

#### **DEVELOPING CONTEMPORARY WORLD (20 CPs. Be.) BAD23DCW**

**Dr Robbie Robertson.**

*Not available in 2000.*

#### **DEVELOPMENT AND CHANGE (20 CPs. Sem. II. Be., Mi., Sh.)**

**BHPD23DC Dr Robbie Robertson**

Students are introduced to the changing body of thought used to interpret the history and politics of developing countries and to plan development strategies. The subject also examines a number of important post-colonial issues such as race, gender, identity, poverty, multiculturalism, citizenship and the role of the military. Students undertake a major research paper on one aspect of development after consultation with their tutors.

**Class requirements:** two hours of lectures and 1-hour of seminar/workshop per week.

**Assessment:** seminar presentation and participation (20%), 600-word book/article critique (20%), research proposal (10%) and a 3,000-word research paper (50%).

#### **Preliminary reading:**

Sutherland, W. (1992) *Beyond the Politics of Race*, ANU.

#### **DISCRETE MATHEMATICS (15 CPs. Sem. II. Be.) BMATHDIS Dr John Schutz**

Students survey the mathematical structures which occur throughout computing-related disciplines and which are needed to fully appreciate the processes involved in modern information technology. Topics studied include the basic structures of algorithms, the representation and manipulation of numbers in different bases and propositional logic and its relation to digital circuits via Boolean algebra. More advanced algorithmic and programming structures such as recursion are also considered.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), tests (40%).

#### **Prescribed reading:**

Grossman, P. (1995) *Discrete Mathematics for Computing*. Macmillan, Melbourne.

#### **DRAMA AND FICTION (15 CPs. Sem. II. Be.) BL1DF Mr Maurie Nestor** *Not available in 2000.*

#### **DRUG ABUSE IN AUSTRALIAN SOCIETY (15 CPs. Sem. I. Be.)**

**BPE2SA Ms Cathleen Farrelly**

This subject aims to increase awareness and understanding of the physical, psychological, social and economic issues surrounding substance use and abuse in our society. Students will explore a range of public policy issues relating to abuse prevention and harm minimisation with particular relevance for school environments.

**Class requirements:** four hours per week.

**Assessment:** tutorial presentation (15%), tutorial paper (25%), written assignment (60%).

#### **EARLY EUROPEAN HISTORY A (15 CPs. Be.) BH1EEHA**

*Not available in 2000.*

#### **EASTERN RELIGION AND PHILOSOPHY (20 CPs. Be.) BPRD23ER Dr Harry Oldmeadow.**

*Not available in 2000.*

#### **ED RESEARCH METHODS 1 (20 CPs. Sem. I. Be.) BES4RM1 Dr**

**Michele de Courcy**

This subject is offered as a training program in basic research skills. It introduces students to empirical research methods in both the quantitative and qualitative domains, knowledge and skills in the collection of numeric and textual data, the generation of these data, their analysis and interpretation.

**Prerequisite:** three year degree.

**Class requirements:** four hours per week.

**Assessment:** 2,000 word annotated bibliography (35%) and draft of chapters (65%). The draft of chapters should be 4,000 words in length and constitute half of the final proposal. Both assignments will receive a grade, which will have no bearing on the grade eventually obtained for the completed thesis.

#### **Prescribed reading:**

Bell, J. (1995) *Doing your research project*, 2nd edn, Milton Keynes: Open University Press.

There will also be a small readings pack.

#### **ED RESEARCH METHODS 2 (20 CPs. Sem. II. Be.) BES4RM2 Dr** **Vaughan Prain**

In addition to Ed Research Methods 1, this subject extends students' knowledge of the methodological problems of research, provides a variety of research writings for analysis and enables students to produce a dissertation or research project of 10,000 words.

**Prerequisite:** Bachelor of Teaching (Primary).

**Class requirements:** four hours per week.

**Assessment:** dissertation (100%).

#### **Prescribed reading:**

Robson, C. (1995) *Real world research*, Oxford UK. Blackwell.

#### **EDUCATION BUSINESS LINKS 1 (20 CPs. Be.) BES3EBL Ms Jennifer Sheed.**

*Not Available in 2000*

#### **EDUCATION BUSINESS LINKS 2 (20 CPs. Sem. I. Be.) BES4EBL Ms Jennifer Sheed**

The subject is designed to help teachers and the schools they work in raise the quality of their links with business through curriculum development. Four main elements of school business links are focussed on. They are curriculum enrichment for students, professional development of teachers, institutional development and mutual benefits from collaboration between schools, business and the wider community.

**Prerequisite:** Bachelor of Teaching.

**Class requirements:** equivalent to four hours per week - summer school and weekends.

**Assessment:** 1,000 word theoretical essay (30%) and 3,000 word curriculum development project (70%).

**EDUCATIONAL NATURE TOURISM (15 CPs, Sem. II, Be.) BOE3ENT**

**Mr Andrew Brookes**

This subject uses curriculum theory to develop an understanding of the educational role of nature tourism. Students are introduced to curriculum theory and critically examine how educational dimensions of tourism figure in the literature on tourism and the environment. The subject concludes with a case study in which project teams develop curriculum proposals for a specific site or region in South Eastern Australia.

**Prerequisite:** BOE3N.

**Class requirements:** Lectures and tutorials will be taught in intensive blocks between practical commitments in other subjects, equivalent to: 2-hours lectures per week, 1-hour supervised teaching preparation and evaluation per week, 1-hour tutorial per week.

**Assessment:** teaching plans and evaluations (40%), 1,000 word seminar presentation (20%), 3,000 word assignment (40%). Students will complete two teaching plans and evaluations worth 40% in total.

**Prescribed reading:**

Readings packet prepared from current tourism journals.

**Preliminary reading:** Slattery, Patrick (1995) *Curriculum Development in the Postmodern Era* (New York: Garland).

**ELEC110 ELECTRONICS (15 CPs, Sem. I, Be.) BEL110 Mr Mal Haysom**

This subject examines: Basic concepts and units of current, voltage, power, and resistance. DC networks: Kirchoff's laws, circuit analysis, Thevenin & Norton equivalent circuits. Time variant voltages and currents; exponential RC, RL circuits, oscillating signals, phasor representation, complex impedance manipulation, resonant circuits. Basic semiconductor theory and devices; PN junction diode, zener diode, BJ and FE transistors. Device Application; rectifiers, clippers, regulators, Amplifiers.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (60%), assignments (15%) laboratory reports (25%). Students will complete three assignments each worth 5%.

**Prescribed reading:**

Boylestad, R. (1997) *Introductory Circuit Analysis* 8th edn, London Prentice Hall International.

**ELEC203 DIGITAL AND CIRCUIT (15 CPs, Sem. I, Be.) BEL203 Mr Phil Rice**

Students examine: Basic Logic Concepts; truth tables, Boolean algebra, implementation of logic functions, binary number systems Logic families; TTL and CMOS characteristics Digital Building Blocks; combinational, bistable, monostable, counters decoders and digital applications. An introduction to Op amps and Negative feedback is also included.

**Prerequisite:** BEL110.

**Class requirements:** six hours per week.

**Assessment:** 2-hour examination (60%), assignment and practical work (40%).

**Prescribed reading:**

Floyd, *Digital Fundamentals* 6th ed, Merrill.

**ELEC204 SIGNAL PROCESSING (15 CPs, Sem. II, Be.) BEL204 Mr Mal Haysom**

Topics covered include operational amplifiers in linear and non-linear applications, analogue and digital interfacing, ADC, DAC, codes, analogue filters, DSP, sampling theory and digital filters. This subject builds on circuit concepts introduced in Electronics 110 to give students a fuller understanding of modern signal processing techniques.

**Prerequisite:** BEL110.

**Class requirements:** six hours per week.

**Assessment:** 2-hour examination (60%), assignments and practical work (40%).

**Prescribed reading:**

Davis, A. (1998) *Linear Circuit Analysis* PWS Pub. Co, Boston.

**ELEC304 HYBRID SYSTEMS (15 CPs, Sem. II, Be.) BEL304 Mr Mal Haysom**

This subject extends the concepts presented in Electronics 203 and 204, by introducing students to the more complex circuits that form standard building blocks, including the interaction of digital and analogue systems. To make students aware of a range of fault finding techniques and to introduce students to modern construction

techniques. A component on analogue circuitry examines coherent detection, phase lock loops, chopper amplifiers, isolation amplifiers, electrometers, charge amplifiers, guarding techniques, parametric amplifiers, non linear amplifiers and switch mode power supplies. In computer aided design, Spice and Protel are examined, while digital custom techniques covers topics such as PAL, PLA, PLD, PLS, and ASIC implementation.

**Prerequisite:** BIN307, BEL203, BEL204.

**Class requirements:** six hours per week.

**Assessment:** 2-hour theory examination (60%) and practical work (40%).

**Prescribed reading:**

Tuinenga, P. W. (1992) *Circuit Simulation and Analysis Using PSpice*, Prentice-Hall, New Jersey

or

Keown, J. *PSpice and Circuit Analysis*. 2nd edn Merrill.

**ELECTRICAL CIRCUITS (15 CPs, Sem. II, Be.) BEN2ELC Mr Rob Dyson**

Topics covered include circuit elements, circuit analysis, three phase circuits, mutual inductance, non-sinusoidal waveforms, electrical transients, network topology, static electrical fields and static magnetic fields.

**Prerequisite:** BEN2ELP, BPH110, BMATHCA1, BMATHCA2.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (60%), assignments and laboratory work (40%).

**Prescribed reading:**

Keown, J. *PSpice and Circuit Analysis*, Collier Macmillan.

Nilsson, J. W. *Electric Circuits*, 4th edn, Addison Wesley.

**ELECTRICAL MACHINES (15 CPs, Sem. I, Be.) BEN2ELM Mr Rob Dyson**

Students are introduced to a range of electrical engineering principles common to many industrial situations, including electric motors, transformers, electronic control of high power systems and motors and the generation, distribution and conversion of mains electricity. Subjects covered include a review of the principles of energy conversion, magnetic circuits and field plotting, the transformer, the linear DC power supply, the DC machine, diodes and thyristor devices, controlled rectification, elements of a power systems and operation of a power generation and distribution system.

**Prerequisite:** BEN2ELP, BPH110, BEL203, BMATHMMA.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (80%) and assignments (20%).

**Prescribed reading:**

Chapman S. J. (1991) *Electric Machinery Fundamentals* 2nd edn McGraw Hill, New York.

Sen, P.C. *Electrical Machines and Power Electronics*, John Wiley and Sons.

**EMERGING TOPICS IN INFORMATION TECHNOLOGY (15 CPs, Sem. I, Be.) BITETI Mr Peter Goddard**

The subject focuses on one or more topics which are not covered in depth elsewhere in the curriculum and which are becoming important in the IT discipline. Recent examples of such topics include: data mining, human-computer interaction, web commerce and internet information systems. Students will explore the topics, surveying the literature, practice and application in the area. Each student will typically also research one aspect in depth, presenting that to others in the subjects.

**Prerequisites:** This is a final year elective, requiring the permission of the Subject and Course coordinators, based on the student's academic performance and preparation (through prior study) for the topics to be covered.

**Class requirements:** a mix of readings, lectures, tutorials, seminars and projects equivalent to three hours contact per week.

**Assessment:** one survey paper of 2,500 words (40%), one project-based paper of 2,500 words (40%), and presentation of a seminar (20%).

**EMPLOYEE RELATIONS LAW (15 CPs, Sem. I, Be.) BLAWERL Mr Barry Phillips**

The subject examines the nature of the legal implications between employer and employee under common law. Areas of study include the contract of employment, including the rights and obligations of the parties, affirmative action, equal opportunity, occupational health and safety and industrial torts.

**Prerequisite:** BLAWBL2.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (50%), 2,500-3,000 word essay (50%). Students are required to obtain at least 40% in each assessment as well as a total of at least 50%.

**Prescribed reading:**

Wallace-Bruce, N. L. (1999) *Outline of Employment Law*. 2nd edn Butterworth, Sydney.

**ENGINEERING CAD (15 CPs. Sem. I. Be.) BEN1CAD**

Students study the fundamentals of engineering drawing as a means of communication using computer aided drawing (CAD) with AutoCAD software. Students will have sufficient grounding in 2-D and 3-D CAD principles to prepare working drawings for subjects in later years of the course, including the industry placement component. Topics covered include drawing as a communication tool, e.g. SAA standards, sheet sizes, representing of real objects by drawing, use of sketching, orthogonal projection, including plan and elevation views. Dimensioning principles, layers, sectioning, hatching, scale, detailing, arrays, sheet layout, borders and title block, model space, paper space and viewports, material lists and member schedules, site plans, intersection of solids, development of surfaces, digitising of information, introduction to 3D modelling, wire frame modelling, limitations and applications, UCS and dynamic views. Class assignments cover applications in a variety of engineering fields.

**Class requirements:** six hours per week.

**Assessment:** 2-hour examination (20%) and assignments (80%).

**Prescribed reading:**

SAA HB1, (1994). *Technical Drawing for Students*.

Oliver, G. (1995) *AutoCAD Skills 1 for R13*.

**ENGINEERING MANAGEMENT 5 (8.5 CPs. Sem. I. Be.) BMGTEM5 Mr Brian Coles**

5<sup>th</sup> year subject will be offered for the last time in 2000.

On successful completion of this subject students should be able to understand the role and professional responsibilities of an engineer in society. The areas of professional responsibility cover the engineer in private practice, as well as the role of an engineer in private and public organisations.

**Prerequisite:** BMGTEM1.

**Class requirements:** three hours per week.

**Assessment:** assignments and examinations. (100%).

**ENGINEERING MATHEMATICS (15 CPs. Sem. II. Be.) BMATHEM Dr John Schutz**

In this subject students study techniques for using matrix methods to solve eigenvalue problems that are commonly encountered in engineering practice and develop skills in statistical analysis essential for studies in their engineering degree and for their careers.

**Prerequisite:** BMATHCA2.

Incompatible subject: BMATHMS1, BMATHSTM.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (70%), assignments (30%).

**Prescribed reading:**

Spiegel, M. R. (1980) *Schaum's Outline of Theory and Problems of Probability and Statistics, SI (metric)* edn McGraw-Hill, New York.

**ENGLISH LANGUAGE STUDIES (20 CPs. Be.) BLFA23EL Mr John Penwill**  
Not available in 2000**ENGLISH TEACHING METHOD (15 CPs. All year. Be.) BEE5EM Dr Vaughan Prain**

This subject offers students an opportunity to specialise in teaching English by a study of current theory and practice. Areas considered are language studies, curriculum development and classroom practice.

**Prerequisite:** an approved degree with a sub-major in English language or literature.

**Class requirements:** two hours per week.

**Assessment:** essays (100%). Students will complete three essays.

**ENLIGHTENMENT & ROMANTIC STUDIES (20 CPs. Sem. I. Be.)****BTPR23ER Dr Roger Swarder**

The subject begins with an examination of the forces which led to the Enlightenment: for example, Newton, Locke, the Royal Society, Bayle. Aspects of the Enlightenment are considered, including its conception of knowledge, art and science, and developments in political philosophy. Voltaire's contributions and his role as populariser are examined in some detail. The subject concludes with a study of the Romantic reaction to the enlightenment through essays by Wordsworth, Coleridge, Novalis and Heine.

**Prerequisite:** Successfully completed first year of study.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial per week.

**Assessment:** assignments (100%). Students will complete two assignments each worth 50%.

**Prescribed reading:**

Kramnick, I. (ed.) (1995), *The Portable Enlightenment Reader*, Penguin.

**ENVIRONMENTAL ENGINEERING 2 (8 CPs. Sem. I. Be.) BEN5EE2 Dr John Russell**

5<sup>th</sup> year elective subject, subject to staff availability in 2000.

This subject extends the material developed in Environmental Engineering 1 and includes airborne noise and ground borne vibration, the effects of quarrying and construction, field data collection and system modelling, the design of control measures and monitoring of performance.

**Prerequisite:** BEN4EE1, BEN4HE1, BEN4HE2.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (60%) and assignments (40%).

**ENVIRONMENTAL HEALTH (15 CPs. Sem. I. Be.) BHS3EH Ms Glenda Verrinder**

The aim of this subject is to provide the opportunity for students to develop a greater understanding of the interrelationship between the physical environment and human health in preparation for public health practice. Content themes include, climate change, biodiversity, population increase, toxicology and land degradation. Students also have the opportunity to study the legal, political, educational and planning frameworks associated with this exciting field.

**Prerequisite:** BHS1HEH, BB1LS1.

**Class requirements:** three hours per week.

**Assessment:** minor assignment (50%) , and report (50%).

**Prescribed reading:**

McMichael, A. J. (1993) *Planetary Overload: Global Environmental Change and the Health of the Human species*. Cambridge: Cambridge UP.

**ENVIRONMENTAL INTERPRETATION (30 CPs. All year. Be.) BOE3EI****Ms Deirdre Slattery**

Components comprise an overview of environmental interpretation and environmental education. Environmental interpretation within outdoor education programs and approaches to environmental interpretation, including techniques of environmental interpretation are examined, while contemporary debates in environmental education and their relationship to environmental interpretation, evaluation design, methodology, instruments and reporting are covered. Ethical issues in evaluation, the uses of evaluation in environmental interpretation for personal, staff and program development are also examined.

**Prerequisite:** BOE2ES.

**Class requirements:** four hours per week.

**Assessment:** assignments (100%). Students will complete four assignments.

**ENVIRONMENTAL INTERPRETATION PRACTICE (15 CPs, All year, Be.)****BOE3EIP Mr Andrew Brookes**

In this subject students will refine field naturalist skills and undertake a series of practice outdoor education/nature guiding sessions with a range of client groups, including overnight stays.

**Pre-requisite:** BOE2NT, BOE2NT.

**Co-requisite(s):** BOE3N.

**Class requirements:** 13 days supervised teaching practice and 8 days independent field work.

**Assessment:** this subject is descriptively assessed, and is based on continuous assessment of practical work, naturalist diary, and teaching logs.

**Prescribed reading:**

Hinchman, H. (1997) *A trail through leaves: The journal as a path to place*. New York: Norton.

**ENVIRONMENTAL LAW (15 CPs. Sem. II. Be.) BLAWEL Ms Reeta Verma**

This subject provides an overview of the legal environmental framework within Australia and studies how these frameworks effect the activities of organisations that deal with environmentally sensitive situations. It examines how statutory frameworks assess the impact of environmental developments.

**Prerequisite:** available to second and third year students.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (50%), seminar presentation and research papers (20%) and 2,000-word essay (30%).

**Prescribed reading:**

Bates, G. M. (1995) *Environmental Law in Australia*. 4th edn Butterworths, Sydney.

**ENVIRONMENTAL SCIENCE (15 CPs. Sem. II. Be.) BBIENV Dr Tom Burton**

This is an introduction to the concepts of ecology and to environmental science, with reference to the impacts for good and ill of modern technology upon the environment. Excursions related to this topic will be held.

**Class requirements:** four hours.

**Assessment:** one 2-hour examination (50%) excursion reports (20%) and assignments (30%).

**Prescribed reading:**

Chiras, D. D. (1994) *Environmental Science* 4th edn, Benjamin/Cummings, Redwood City, California.

**EPIDEMIOLOGY (15 CPs. Sem. I. Be.) BHS2EP Ms Erica James**

The focus of this subject is on the measurement and evaluation of disease in the population and the health status of the individual and the community from an epidemiological perspective. Content includes the definition of population statistics and where they come from and an investigation of, incidence, prevalence, rates, cause and effect, prognosis and outcome, outline of biostatistics, screening, mortality and morbidity and clinical epidemiology and evaluation.

**Class requirements:** three hours per week.

**Assessment:** a 500-word retrieval of population statistics (20%), a 1,000-word interpretation of epidemiological data (30%), and a 2.5-hour examination (50%).

**Prescribed reading:**

Beaglehole, R., Bonita, R. and Kjellstrom. (1993) *Basic Epidemiology*, Geneva: The World Health Organisation.

**EXERCISE PHYSIOLOGY (15 CPs. Sem. II. Be.) BPE2EP Mr Gary Crouch**

This is a series of lectures and laboratory sessions for students to study and observe the physiological changes which occur in the human body when subjected to exercise and environmental stress. Concepts such as the energy continuum, nutrition and performance are also covered, so students can apply such knowledge in terms of physical fitness assessment and exercise prescription.

**Prerequisite:** BPE1IA.

**Class requirements:** four hours per week.

**Assessment:** laboratory reports (30%), a class test (30%) and examination (40%).

**Prescribed reading:**

Plowman, S. A. and Smith, D. L. *Exercise Physiology for Health, Fitness and Performance* (1997) Weedham, Heights, Ally & Bacon.

**EXPERIMENTAL DESIGN (15 CPs. Sem. I. Be.) BMATHEXD Mr Graeme Byrne**

The design of experiments is a branch of statistics which has many applications, especially in the experimental sciences, psychology and education. Topics include basic concepts in experimental design, such as randomisation, blocking and replication, the analysis of variance, regression and distribution free tests for analysis of experiments. Extensive use of statistical packages is a feature of this subject.

**Prerequisite:** BMATHSTM or BMATHMS1 or BMATHEM.

**Class requirements:** three hours per week and 1-hour of tutorial work per fortnight.

**Assessment:** 3-hour examination (70%), and assignments (30%).

**Prescribed reading:**

Montgomery, D.C. *Design and Analysis of Experiments*, 4th edn (1997) Wiley, New York.

**EXPERT SYSTEMS (15 CPs. Sem. I. Be.) BITEXS Mr Chris Matthews**  
*This subject is offered in even-numbered years and alternates with Artificial Intelligence.*

**Expert Systems:** An introduction to expert systems. Introduction to an expert systems tool. Inference engine. Search methods, backward chaining, forward chaining. Constructing an expert system, knowledge engineering. Dealing with uncertainty. Knowledge representation. **Fuzzy Systems:** Introduction to fuzzy systems. Fuzzy sets. Fuzzy operators. Fuzzy reasoning; fuzzification, inferencing, defuzzification. Automated knowledge acquisition: Introduction. .

An overview of induction methods. An introduction to the theory and use of an induction method. .

Applications. Choosing the right tool for a problem. Current topics in artificial intelligence.

**Prerequisite:** BITDST, (co-requisite for GDComp).

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), two assignments (50%).

Students must obtain at least 40% on the examination component of the assessment.

**FIELD EXPERIENCE 1 (15 CPs. Sem. II. Be.) BHS2FE Ms Denise Main and Ms Glenda Verrinder**

This is an introduction to the public and environmental health fields and provides opportunities for students to explore public health in practice. It is a pre-requisite for the third year field experience subject.

**Class requirements:** 150 hours comprising two-hour sessions pre and post excursions, and excursions.

**Assessment:** Minor: a 1,000-word oral journal presentation (20%), and Major: a 2,000-word report (80%).

**FIELD EXPERIENCE 1 (OE) (30 CPs. Sem. I. Be.) BOE1FE Mr Glynn Thomas**

A program is negotiated with each student according to detailed requirements presented in Outdoor Education 1 (Concepts) and appraisal of existing experience and skill. Programs submitted must meet course requirements specified in Outdoor Education 1 (Concepts) which define a skill-level in canoeing, navigation, and rope-handling, and a minimum experience profile which will include a range of environments, lengths of trips, types of groups observed/joined, range of seasons and standards in bushwalking, cross-country skiing, open canoeing and rock climbing.

**Co-requisite:** BOE1CO and BOE1PR.

**Class requirements:** 26 days of practical work.

**Assessment:** approved practical program (100%). This is a descriptive assessment in conjunction with Outdoor Education 1 Concepts and Outdoor Education 1 Practice. Assessment based on satisfactory completion of the approved practical program and assessed in conjunction with the final report submitted as part of Outdoor Education 1 Concepts.

**FIELD EXPERIENCE 2 (15 CPs. Sem. II. Be.) BHS3FE Ms Denise Main**

This subject provides experience that enables students to put into practice theoretical knowledge and skills gained and developed throughout the course. The experience also provides opportunities to examine and compare ways in which public health is practised and to play a role in the delivery of public and community health services.

**Prerequisite:** BHS2FE, BHS3PHP, BHS3PD1.

**Class requirements:** approximately 150 hours: comprising pre-practicum, practicums and post-practicum sessions.

**Assessment:** field experience practicum proposal (20%), report on field experience and field practicum (60%), and oral presentation of field experience (20%).

**FIELD EXPERIENCE 2 (OE) (30 CPs. All year. Be.) BOE2FE Mr Peter Martin**

A program is negotiated with each student according to detailed requirements presented in Outdoor Education 2 Community and appraisal of existing experience and skill. Programs submitted must meet course requirements specified in Outdoor Education 2 Community which define a skill-level in canoeing and navigation and a minimum experience profile which includes a range of environments, lengths of trips, types of groups observed/joined, range of seasons and standards in open canoeing and elective activities (usually two of rock-climbing, ski-touring, canoeing or bushwalking).

**Prerequisite:** BOE1C, BOE1PR and BOE1FE.

**Co-requisite:** BOE1CO, BOE2PR.

**Class requirements:** 26 days of practical work.

**Assessment:** approved practical program (100%). this is a descriptive assessment in conjunction with Outdoor Education 2 Community and Outdoor Education 2 Practice. Assessment based on satisfactory completion of the approved practical program and assessed in conjunction with Outdoor Education 2 Community.

**FIELD EXPERIENCE 3 (OE) (30 CPs. All year. Be.) BOE3FE Mr Andrew Brookes**

A program is negotiated with each student according to detailed requirements presented in Outdoor Education 3 Teaching and appraisal of existing experience and skill. Programs submitted must meet course requirements specified in Outdoor Education 3 Teaching. The program will include a minimum of four days experience at expert level in each practical elective, a minimum of three days taking primary responsibility for planning and implementing a trip with peers or less experienced students and three days in a similar situation taking a supporting role.

**Prerequisite:** BOE2C, BOE2PR, BOE2FE.

**Co-requisite:** BOE3TG, BOE3PR.

**Class requirements:** 26 days of practical work.

**Assessment:** approved practical program (100%). This is a descriptive assessment in conjunction with Outdoor Education 3 Teaching and Outdoor Education 3 Practice. Assessment based on satisfactory completion of the approved practical program.

**FIELD EXPERIENCE 3NT (15 CPs, All year, Be.) BOE3FENT Mr Andrew Brookes**

In this subject students undertake a planned program of field placements and a process of self-directed learning and appraisal. While the central emphasis is on nature guiding and outdoor education, students are expected to develop a broad understanding of guided nature tourism in practice from either or both of industry and



public land management perspectives. Students are expected to support their field placements with a program of closely related natural history observation.

**Prerequisite:** BOE2NT, BOE2NTP.

**Co-requisite:** BOE3NT.

**Class requirements:** 13 days approved field placement and 8 days independent field work.

**Assessment:** approved practical program (100%). This subject is descriptively assessed, and is based on satisfactory completion of an approved program, field placement reports and self-evaluation project.

**Prescribed reading:**

National Tourism Industry Training Committee (Australia) (1992), *Tourism industry national competency standards / tour guiding*. Sydney, Tourism Training Australia.

**FIELDS OF PRACTICE 2 (30 CPs. All year. Be.) 15622B Ms Fiona Gardner**

For an overview, see Fields of Practice 1, above. Subject components include a lecture series on current issues in policy and practice and an elective chosen from a list which may include social work in fields such as ageing, juvenile corrections, intellectual disability, mental health, consumer credit and financial counselling, rural social work and international social work. A 'special emphasis seminar' is chosen from a list which may include social work in health, child and family welfare, mental health, occupational health and rehabilitation. Social policy 2 (full unit, first semester) and Social policy 3 (full unit, second semester) This subject aims to ensure an understanding of the nature, importance and relevance of social policy to social work practice. The lectures assume a comparative approach on the basis that we can best understand the roles which social policy play if we can observe the ways in which it is used in a variety of contexts. Part of the lectures therefore focus on selected contexts internationally. The course also considers some of the forces that have shaped and continue to shape the Australian welfare system, such as economic, political, social and cultural.

**Class requirements:** one one-hour lecture per week in semester one, and two-hours per week in semester two. Special emphasis seminar, one, two-hour lecture or tutorial weekly in semesters one and two. Elective, 16-hours, either weekly or over a weekend.

**Assessment:** special emphasis seminar (75%) and elective (25%).

**FINANCIAL ACCOUNTING 1 (15 CPs. Sem. II. Be.) BACCF1 Ms Dianne Brockley**

(This subject replaces *Introductory Accounting*).

This subject provides a foundation for the specialist accounting subjects covered in the accounting major. It looks at the technical process of double entry recording through to final reports. The needs of specific business structures are also considered. It supports this with an introduction to the theory of accounting and a review of the structure of the profession in Australia, in particular the standard setting process. The notion of alternative valuation systems is also considered.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 1-hour workshop per week.

**Assessment:** 3-hour examination (60%), two 50 minute tests (20% each), 1,500 – 2,000 word assignment (15%), tutorial participation (5%). To obtain a pass in this subject, students must obtain a minimum of 45% in the final examination and 50% overall. The assignment includes technical analysis.

**FINANCIAL ACCOUNTING 2 (15 CPs. Sem. II. Be.) BACCF2 Mr Greg Ellis**

(This subject replaces *Corporate Accounting*).

This subject enables students to understand the corporate reporting environment so that they can apply the statutory and other reporting requirements to an entity's financial reporting, and ensure that they can complete consolidation and equity accounting statements. Topics include company formation and share accounting, capital alteration, liquidations, acquisition of assets/companies, disclosure requirements (including Schedule 5), and accounting standards requirements including AAS3 Tax Effect Accounting, AASB 1016 Equity Accounting, AAS19 Joint Ventures, AASB 1015 Acquisitions and AASB 1024 Consolidations.

**Prerequisite:** BACCF1.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial and one 1-hour workshop per week.

**Assessment:** 3-hour examination (60%), two 50 minute tests (20% each), 1,500 – 2,000 words assignment (15%), tutorial participation (5%). To obtain a pass in this subject, students must obtain a minimum of 45% in the final examination and 50% overall. The assignment includes technical analysis.

**FINANCIAL ACCOUNTING 3 (15 CPs. Sem. II. Be., Mi.) BACCF3 Ms Jane Culvenor**

(This subject replaces *Financial Accounting*).

Students review the development of accounting theory and develop an understanding of the major problem areas inherent in present day financial accounting. There is an analysis of the issues involved and an evaluation of possible alternative solutions, along with a study of the problems associated with the measurement and reporting of the operating results and financial position of reporting entities within the context of the recommendations of the Australian accounting profession. Topics include the setting of accounting standards, the conceptual framework project, the definition, recognition and measurement of assets, liabilities and profit, the form and content of financial statements, inter-corporate investments, accounting for leases, foreign operations, construction projects, long service leave and superannuation, intangible assets, off- balance sheet financing, extractive industries and joint ventures, corporate responsibility accounting, agency theory and positive accounting theory.

**Prerequisite:** BACCF2.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** 3-hour examination (70%), 1,000 word assignment (15%) 1,000 word assignment including class presentation (15%). To achieve a pass for this subject, student must achieve a minimum of 45% on the final examination and a minimum of 50% overall.

**Prescribed reading:**

Helkaoui, A. R. and Jones, S. (1996) *Accounting Theory : An Australian Edition*, Harcourt Brace.

Deegan, C. (1998) *Australian Financial Accounting: A Practical, Conceptual and Theoretical Analysis*, 2nd edn, Irwin.

Godfrey, F., Hodgson, A. and Holmes, V. *Accounting Theory*, 3<sup>rd</sup> edn (1997) Wiley & Sons.

**FINITE ELEMENTS (15 CPs. Sem. I. Be.) BEN4FNE Dr Joe Petrolito**

This subject is an introduction to approximation techniques, calculus of variations, the Rayleigh-Ritz method, one and two- dimensional problems, convergence and error estimates, adaptive techniques and computer applications.

**Prerequisite:** BEN3ST.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (60%) assignments (40%).

**FINITE ELEMENTS (8 CPs. Sem. I. Be.) BEN5FE Dr Joe Petrolito**

5<sup>th</sup> year elective subject to staff availability in 2000.

This subject is an introduction to approximation techniques, calculus of variations, the Rayleigh-Ritz method, one and two- dimensional problems, convergence and error estimates, adaptive techniques and computer applications.

**Prerequisite:** BEN3SM.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (60%) assignments (40%).

**FOOD & BEVERAGE SERVICES IA (15 CPs. Sem. I. Be.) BFBS1A Mr Ian Pinge**

This subject introduces students to all areas of kitchen and "front-of-house" operations with the aim of ensuring that all students have the knowledge and skills needed to identify and provide high quality cuisine and service to clients. The subject also introduces the student to relevant management, legal and industrial issues, customer relations, occupational hygiene and safety, and security. Students are required to gain a reasonable competence in food production and service techniques, along with the ability to operate standard catering services. Particular emphasis is placed on quality control measures. **Campus of offer:** Goulburn Oven TAFE (Shepparton), Mt. Buller, Northern TAFE (Preston), William Angliss TAFE (Melbourne) Bendigo Regional Institute of TAFE (Bendigo).

**Class requirements:** 1two hours of classroom and practical work per week. The practical work in this subject is done at BRIT.

**Assessment** 1.5-hour examination (25%) practical work – competence by task assessment (75%).

**FOOD & BEVERAGE SERVICES IB (15 CPs. Sem. II. Be.) BFBS1B Mr Ian Pinge**

This subject is a continuation of Food and Beverage IA taught in first semester. Kitchen and "front-of-house" operations and topics such as management, legal issues, industrial and customer relations, occupational hygiene and occupational safety, quality control, and security issues are further pursued. Students are given further opportunities to gain competence in food production and service techniques, and the ability to operate catering services. The subject includes substantial practical work in an operational environment.

**Prerequisite:** BFBS1A.



*Campus of offer:* Goulburn Oven TAFE (Shepparton), Mt. Buller, Northern TAFE (Preston), William Angliss TAFE (Melbourne) Bendigo Regional Institute of TAFE (Bendigo).

*Class requirements:* 8-hours of classroom and practical work per week. The practical work in this subject is done at BRIT.

*Assessment:* 1.5-hour examination (25%) practical work – competence by task assessment (75%).

**FOOD SCIENCE: ESSENTIALS (15 CPs. Sem. II. Be.) BBIFSE Dr Jacques Soddell**

This is an introduction to the basics of food science and food handling. A multi-disciplinary approach examines the chemistry and biology of food, food handling procedures and the scientific basis for modern processing techniques used to extend the shelf life and maintain safety of different foods. Topics include basic food nutrition and health implications, food groups, basic food chemistry/biochemistry, chemical spoilage and contamination of food, microbial spoilage of food and factors affecting spoilage (pathogenic organisms and microbial toxins), basic scientific principles for food preservation (refrigeration, freezing, irradiation, fermentation, drying, freeze-drying, salting, pasteurisation, canning, vacuum packaging, preservatives and other additives), hygienic strategy and food handling, including fast foods, sample collection for analysis and hygienic legislation.

*Prerequisite:* BBI101 or BBI1LS1 or equivalent approved by course or subject coordinator.

*Class requirements:* two hours of lectures, plus two hours of tutorials/demonstration/practicals per week plus one excursion.

*Assessment:* 2-hour examination (50%) 1,500-word assignment and practical report (50%).

**Prescribed reading:**

Walqvist, N. (ed.) (1997) *Food & Nutrition - Australasia, Asia and the Pacific*. Allen & Unwin.

**FORECASTING (15 CPs. Sem. II. Be.) BMATHFOR Professor Terry Mills**

Statistical forecasting methods are vital parts of contemporary economics, finance, management accounting and logistics. This subject provides a survey of common statistical forecasting techniques, such as regression analysis and time series methods. Topics include correlation and simple linear regression, multiple regression analysis and an introduction to the analysis of time series. The use of statistical packages is a feature of this subject.

*Prerequisite:* BMATHSTM or BMATHMS1 or BMATHEM.

*Class requirements:* four hours per week or 3-hours on one evening per week (evening classes are offered in odd-numbered years).

*Assessment:* one 3-hour examination (60%), tests (40%).

**Prescribed reading:**

Champion, R. and Mills, T. (1999) *Forecasting*. La Trobe University, Bendigo.

**GENDER AND EDUCATION (20 CPs. Sem. II. Be.) BES6GE Ms Cathleen Farrelly**

This subject develops an understanding of constructions of femininity and masculinity, feminist critiques of the education system by looking at historical, cultural and contemporary issues that have excluded and restricted women from participating in education and current legislation and strategies aimed at addressing the interests of girls/women and boys/men in the educational system.

*Prerequisite:* BES6PE.

*Class requirements:* three hours per week.

*Assessment:* 3,000-word essays (50%), 3,000 word essay (50%).

**GENRES IN CHILDREN'S LITERATURE (15 CPs. Sem. I. Be., Mi.) BEE1GCL Ms Maureen O'Brien**

This is an introduction to the origins, structural features, questions of definition and current theories of explaining texts in terms of generic expectations and assumptions in relation to children's literature. The genres studied include the emergence of the modernist and post-modernist contemporary 'picture book', including wordless concept books and narratives. Other genres studied include contemporary realistic and fantasy fiction and their manipulation of various generic elements, including psychological realism and spatial and temporal frames. The subject also examines the key generic features of traditional European folk and fairy tales as a basis for studying four major interpretative lenses for analysing textual meaning.

*Class requirements:* three hours per week.

*Assessment:* one, 1,500-word written assignment (30%), weekly reading diaries (10%), contribution to class discussions (10%) and one, 2-hour written examination (50%).

**GEOGRAPHIC THOUGHT AND ANALYSIS (15 CPs. Sem. I. Be.) BSR23GTA Dr Ban Lian Ng**

The first part of this subject examines some conceptual and theoretical developments in geography as a field of study. The second part provided students with basic skills in geographic research, namely, formulation of research plans, sampling design, questionnaire design, data collection, data analysis and report writing. Practical exercises will include an introduction to the statistical software package, SPSS Windows, for data analysis.

*Prerequisite:* two, 200-level geography subjects.

*Class requirements:* two hours of lectures and 1-hour of practical or seminar, per week.

*Assessment:* practicals (30%), a 3,500-word project (40%) and a 2,000-word essay (30%).

**GEOGRAPHY METHOD (20 CPs. All year. Be.) BSS5GM**

This subject focuses on the teaching of geography and geography content in years 7 to 12 programs in Studies of Society and Environment Studies. Major sections are the nature of geography as a discipline with special attention to recent debates within the discipline, curriculum development of geography programs in Victorian secondary education and an evaluation of materials and techniques used in secondary geography programs.

*Prerequisite:* an approved degree with a sub-major in geography.

*Class requirements:* two hours per week.

*Assessment:* unit of work (30%), a resource folder (20%), seminar paper and presentation (30%) and participation (20%).

**Prescribed reading:**

Board of Studies, (1995) *Studies of Society and Environment*, Curriculum and Standards Framework, Melbourne.

**GEOL110 EARTH SCIENCE (15 CPs. Sem. II. Be.) BGL110 Mr Neville Rosengren**

Topics covered include the principles of geology including geology of the solar system, the Earth-Moon system, geology of the continents and oceans, earthquakes and the interior of Earth, palaeomagnetism, plate tectonics and continental drift, common rock-forming minerals and the origin and composition of rock and regolith, sandstone, mudrocks, limestone and igneous rocks (geology of intrusive rocks and volcanoes). An examination is also made of metamorphism and metamorphic rocks, geological structures, faults, folds, joints geomorphology (weathering, slopes, denudation, structural landforms, drainage basins and fluvial landforms), cold climate landforms, arid zone landform, coastlines, coastal processes and coastal landforms, measurement of geological time, use of fossils in stratigraphy, rates and frequency of geological processes, practical geology including topographical maps, interpretation of geological maps showing horizontal beds, dipping beds, folded beds, igneous rocks, faults and unconformities and the use of structure contours.

*Class requirements:* an average of 4.5 hours per week of lectures and practical classes, with a total 65 hours for the semester.

*Assessment:* 3-hour theory examination (40%), 3-hour practical examination (45%), 500 word field report (10%), and practical work (5%). Students must attend the field class and obtain at least 5% for the field report and at least 40% for the total examination component of the assessment.

**Prescribed reading:**

Hamblin, W. K. (1996) *Earth's Dynamic Systems*, Macmillan Publishing Company, New York.

**GEOL120 MATERIALS GEOLOGY (15 CPs. Sem. I. Be.) BGL120 Mr Neville Rosengren**

Components covered include global geology and tectonics, Australia in a plate tectonic context, geological evolution of the Australian continent and factors shaping the landforms of Australia. There is an introduction to the fundamentals of hard rock geology, including crystallography, mineralogy, igneous and metamorphic processes, ore deposits and structural geology, as well as geological mapping.

*Class requirements:* an average of 4.5 hours per week of lectures and practical classes, with a total 65 hours for the semester.

*Assessment:* 3-hour theory examination (40%), 3-hour practical examination (40%), 1,000 word field report (10%), and practical work (10%). Students must attend the field class and obtain at least 5% for the field report and at least 40% for the total examination component of the assessment.

**Prescribed reading:**

Revised by Gribble, C.D. *Rutley's elements of mineralogy* 27th edn, Unwin Hyman.

**GEOL201 PETROGRAPHY (15 CPs. Sem. I. Be.) BGL201 Mr Neville Rosengren**

This subject covers the principles and practices of identifying minerals and rocks using hand specimens and a petrological microscope. Recognition of the common rock forming minerals using optical properties and provides an introduction to the classification of rocks.

**Prerequisite:** BGL120.

**Class requirements:** five hours per week.

**Assessment:** 3-hour theory examination (50%), 2.5-hour practical examination (50%).

**Prescribed reading:**

Nesse, W. D. *Introduction to optical mineralogy*. 2nd edn, Oxford UP.

**GEOL203 PETROLOGY (15 CPs. Sem. II. Be.) BGL203 Mr Neville Rosengren**

Topics considered include granitoids and acid volcanic rocks, intermediate igneous rocks, gabbros, basalts and ultramafic rocks, feldspathoidal rocks, carbonatites, tectonic settings of igneous rocks, magma emplacement and magmatism and geochemistry. Also examined is the basic concepts in metamorphism, metabasites, metapelites and metapsammities, metacarbonate rocks, metamorphism of acid volcanics and granites, metamorphic environments and geochemical dispersion during metamorphism.

**Prerequisite:** BGL201.

**Class requirements:** five hours per week.

**Assessment:** 2.5-hour examination (50%), 2-hour practical examination (30%), assignments (20%).

**Prescribed reading:**

Deer, W., Howie and Zussman, *Rock forming minerals, an introduction*. 2nd edn Longman Cheshire.

**GEOL205 GEOLOGICAL TECHNIQUES (15 CPs. Sem. I. Be.) BGL205 Mr Neville Rosengren**

This subject examines a range of laboratory and field techniques used in the analysis of geological materials. Laboratory techniques studied include basic physical and chemical analysis of rock, sediment and soil samples, such as rock cutting and polishing, preparation of thin sections, grain size, shape and texture analysis, organic carbon, carbonate determination and heavy mineral separation and statistical and graphical methods of data presentation. The application of photography in field and laboratory geology, including aerial photo interpretation and applications of other remote sensing systems. Geological and landform mapping based on field study and measurement of terrestrial fields (magnetic, electrical, gravity), interpretation and representation of geological structures on maps and diagrams are also studied.

**Prerequisite:** BGL110 or BGL120.

**Class requirements:** four hours of lectures and practicals per week and three days of field work per semester.

**Assessment:** 3-hour examination (25%), 3-hour practical examination (25%), 2,500 word field report (30%), 1,000 word practical reports (20%). Students must attend the field class and obtain at least 15% for the field report and at least 20% for the total examination component of the assessment.

**Prescribed reading:**

Avery, T. E. and Berlin, G. L. (1992) *Fundamentals of remote sensing and airphoto interpretation* 5th edn Macmillan, New York.  
Buter, B. C. M. and Bell, J. D. (1988) *Interpretation of geological maps*, Longman, Harlow.

**GEOL206 SEDIMENTARY SEQUENCES (15 CPs. Sem. II. Be.) BGL206 Mr Neville Rosengren**

Components include clastic and chemical sediments, the processes of sediment production, transportation and deposition, an examination of the physical, chemical and biological processes within depositional environments, an introduction to basin analysis, data collection and basin mapping methods, stratigraphic correlation and facies analysis, depositional systems and burial history, recognition and description of specimens from the major fossil groups and the origin, location, nature and exploitation of deposits of coal, oil, gas, and uranium.

**Prerequisite:** BGL110 or BGL120.

**Class requirements:** four hours of lectures and practical work per week, and three days of field work per semester.

**Assessment:** 2.5-hour theory examination (30%), 2.5-hour practical examination (30%), 1,500 word field report (15%), 1,000 word practical class reports (25%). Students must attend the field class, and obtain at least 8% for the field report and at least 25% for the total examination component of the assessment.

**Prescribed reading:**

Ozima, M. (1987) *Geohistory*, Springer-Verlag.

Boggs, S. (1987) *Principles of Sedimentology and Stratigraphy*, Merrill.

**GEOL301 ECONOMIC GEOLOGY A (15 CPs. Sem. I. Be.) BGL301 Mr Neville Rosengren**

Topics covered include the scope of structural geology, primary structures, mechanical behaviour of rocks, stereographic projection techniques, stress and strain concepts, faults, classification of ore deposits, magmatic ores and characteristics of hydrothermal deposits.

**Prerequisite:** BGL203.

**Class requirements:** five hours of lectures and practical classes per week.

**Assessment:** 2.5-hour theory examination (50%), 2-hour practical examination (30%), and assignments (20%).

**Prescribed reading:**

Hobbs, B., Means, W. D. and Williams, P. F. (1976) *Outline of structural geology*, John Wiley and Sons Inc., New York, or Davis, G. A. *Structural geology of rocks and regions*, John Wiley and Sons Inc., New York.

**GEOL304 ECONOMIC GEOLOGY B (15 CPs. Sem. II. Be.) BGL304 Mr Neville Rosengren**

Topics include comparisons of natural with experimental folds, folding mechanism, natural non-cylindrical folds, origin and significance of foliation, techniques for the analysis of multiply-folded terrains, stereographic projection in drill core analysis, volcanic exhalative deposits, sedimentary exhalative deposits, placer deposits, unconformity-related roll front U deposits, bog Fe and Mn ores, banded iron formations, supergene ores and oxidised ores and bauxite ores.

**Prerequisite:** BGL301.

**Class requirements:** five hours of lectures and practical classes per week.

**Assessment:** 2.5-hour theory examination (50%), 2-hour practical examination (30%) and assignments (20%).

**Prescribed reading:**

Evans, A. (1990) *An Introduction to Ore Geology* 2nd edn Blackwell, London.

**GEOL305 EXPLORATION STUDIES (15 CPs. Sem. II. Be.) BGL305 Mr Neville Rosengren**

Components include exploration principles (sampling and spacing of data collection, sample preparation, analysis of geophysical and geochemical data), surveys (orientation, reconnaissance and follow-up), geochemical and geophysical anomalies, backgrounds and thresholds, geochemical provinces, pathfinders, correlating geophysical and geochemical anomalies, the presentation of data and fieldwork involving seismic, magnetic, electrical and gamma ray spectrometric methods. Also included is an analysis of examples of buried conductors, lithogeochemistry, gossan discrimination and fieldwork involving a soil geochemical survey of a hydrothermal copper deposit. Stream sediment and stream water geochemical surveys, bio-geochemistry and geobotanic surveys are also examined.

**Prerequisite:** BGL301.

**Co-requisite:** BGL304.

**Class requirements:** two hours of lectures and three hours of practical work per week, plus up to three days additional field work per semester.

**Assessment:** 3-hour theory examination (50%), practical examinations (25%), assignments, practical and field work (25%).

**Prescribed reading:**

Rose, A. W., Hawkes, H. E. and Webb, J. S. *Geochemistry in Mineral Exploration* 2nd edn, Academic Press London.  
Grant, F. S. and West, G. F. (1965) *Interpretation Theory in Applied Geophysics* McGraw Hill, New York.

**GEOL306 ENVIRONMENTAL GEOMORPHOLOGY (15 CPs. Sem. I. Be.) BGL306 Mr Neville Rosengren**

The subject studies a variety of geological environments and is substantially based on field work. Methods of study and dating of landforms and land forming events. The Quaternary in Australia. The geomorphology of coastlines, lakes, volcanoes, river valleys, mountains and arid areas with particular reference to recognition of hazards and risk assessment, identification and management of sites of special scientific significance and the impact of tourism and other activities in sensitive geomorphological environments. It also examines geomorphology in environmental impact assessments and the geomorphology of Victoria.

**Prerequisite:** BGL110.

**Class requirements:** three hours of lectures and practical work per week, plus six days of field work with a total of 78 hours for the semester.

**Assessment:** 3-hour examination (45%), two 1,000 word practical class reports (15%), two 3,000 word field reports (40%). Students must attend all field classes, obtain at least 20% for the field reports and at least 20% for the total examination component of the assessment.

**Prescribed reading:**

Bird, E.C.F. (1993) *The Coast of Victoria*. Melbourne University Press.  
Cochrane G. W., Quick, G. W and Spencer-Jones D.(1991) *Introducing Geology*. Geological Society of Australia Inc., Melbourne.

**GEOL308 SOIL SCIENCE (15 CPs. Sem. II. Be.) BGL308 Mr Neville Rosengren**

An examination is made of soil composition, physical and chemical properties of soil, the nature of parent material of soil, weathering and factors in soil formation, methods of soil survey and mapping, soil classification schemes physical and chemical analysis of soil in the field and laboratory, the fundamentals of soil chemistry, soils and geomorphology, soil- plant relationships and soil deterioration and soil erosion (salinity, acidification, structure decline, erosion).

**Prerequisite:** BGL110 or BCH110, or approval of course coordinator.  
**Class requirements:** five hours of lectures, practical and field work per week.

**Assessment:** 2-hour theory examination (50%), 1-hour practical examination (15%), four 2,500 word practical class reports (25%), one 1,000 word field report (10%). Students must attend the field class and obtain at least 5% for the field report and at least 30% for the total examination component of the assessment.

**Prescribed reading:**

Charman, P. and Murphy B. (eds.) (1991) *Soils - Their Properties and Management*, Sydney UP.  
McDonald, R. C., Isbell, R. F., Speight, J. G., Walker, J. and Hopkins (1990) *Australian Soil and Land Survey Handbook*, 2nd ed, Inkata Press, Melbourne.

**GEOMATICS (15 CPs. Sem. II. Be.) BEN3GM Mr Don Swiney**

This subject examines photogrammetry and the use of aerial photographs in design, hydrographic surveying, setting out of works and the calculation and setting out of horizontal and vertical curves, the use of computer packages and an introduction to the theory and application of global positioning systems (GPS) and geographic information systems (GIS).

**Prerequisite:** BEN2SV.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (70%) laboratory work (20%), and assignments (10%).

**GEOTECHNOLOGY 1 (15 CPs. Sem. II. Be.) BEN3GT1 Ms Daniela Ionescu**

This subject presents students with the concepts and knowledge in geotechnology as an essential component of understanding the behaviour of earth materials in the context of civil and environmental engineering systems. Topics covered include the nature of soils, particle size analysis, plasticity of fine-grained soils, engineering soil classification, phase relationships, soil compaction, standard and modified soil compaction tests, the effect of compaction on cohesive soil properties, field compaction, specification for field compaction, the flow of water in soil, permeability and seepage and Darcy's law. Also studied is laboratory and field determination of coefficient of permeability, flow nets, mathematical solution for seepage, uplift pressure under hydraulic structures, the principle of effective stress, capillary rise in soils, stresses in a soil mass, compressibility of soil, consolidation theory, laboratory consolidation tests, consolidation settlement, time rate of consolidation, shear strength of soil, Mohr-Coulomb failure criteria, Triaxial shear test, direct shear test, lateral earth pressure, application of earth pressure theory to retaining walls, soil bearing capacity, stability of slopes, site investigation, methods of investigation, methods of sampling, in situ tests and environmental geotechnolgy.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (70%), assignments and laboratory work (30%).

**Prescribed reading:**

Das. B. M. (1995) *Principles of Geotechnical Engineering*, 3rd edn Longman.

**GEOTECHNOLOGY 2 (15 CPs. Sem. I. Be.) BEN4GT2 Ms Daniela Ionescu**

The topics covered include: Review: geotechnical properties of soils, unified soil classification system, Atterberg limits, steady state seepage, effective stress concept, consolidation, shear strength. Soil exploration: purpose of soil exploration, exploratory borings in the field, vane shear test, cone penetration test, standard dynamic penetration test, preparation of boring logs. Shallow foundations:

ultimate bearing capacity of shallow foundations, Terzaghi's bearing capacity theory, general bearing capacity equation, ultimate bearing capacity from SPT and CPT values, settlement of shallow foundations, immediate settlement, primary and secondary consolidation settlements, field load test. Retaining walls: Rankine and Coulomb's active and passive earth pressures, proportioning retaining walls, application of lateral earth pressure theories to design, sheet pile walls. Slope stability: stability of infinite slopes, analysis of finite slope with circularly cylindrical failure surface, method of slices, bishop's solution for stability of slopes with seepage. Filter design criteria. Deep foundations.

**Prerequisite:** BEN3GT1.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (70%), assignments and laboratory work (30%).

**Prescribed reading:**

Das, B. M. (1994) *Principles of Foundation Engineering*, 3rd edn, PWS Publishing Company.

Bowles, J. E. (1988) *Foundation Analysis and Design*, 4th edn, McGraw-Hill.

Tomlinson, A. S. (1995) *Foundation Design and Construction*, 6th edn, Longman.

Whitlow, R. (1995) *Basic Soil Mechanics*, 3rd edn Longman.

**GEOTECHNOLOGY 3 (15 CPs. Sem. II. Be.) BEN4GT3 Ms Daniela Ionescu**

Further consideration of foundations, retaining walls and slope stability. Moisture movement in soil with application to drainage and see page problems. Design of earth and rock fill dams. Rock mechanics. Analysis of rock structures, stability of cuttings and slopes, rock anchors. Tunnelling. Machinery foundations, blasting and transmitted vibration.

**Prerequisite:** BEN4GT2.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (70%), assignments, laboratory and field work (30%).

**GIFTED EDUCATION (20 CPs. Sem. I. Be.) BES4GE Dr Michael Faulkner**

This is an introduction to the rapidly changing field of 'gifted education'. The key focuses are characteristics of gifted and talented children, models of giftedness, myths about giftedness, issues in the identification of gifted and talented children and social attitudes towards giftedness. The unit includes child development and early identification, aspects of temperament and learning style development, theories of intelligence, creativity, under-achievement and difficult behaviour, labelling, arguments for and against and techniques for the identification of gifted children.

**Class requirements:** four hours per week. This could include full day classes during weekends or school vacations.

**Assessment:** assignment (50%), case study (50%). The written assignment (with class presentation) will consider a critical issue in the identification and assessment of gifted children, and the case study will involve the use and critique of several identification techniques.

**GIS & PLANNING (20 CPs. Sem. II. Be.) BGE23GIS Dr Ban Lian Ng**

The main objective of this subject is to develop an understanding of GIS principles, data entry, analysis and retrieval. Upon completion of the subject, students should have a basic knowledge of the structure of Geographic Information Systems with reference to spatial analysis, data management and strategic planning for the use of GIS. The subject also deals with the application of GIS software to urban and regional planning, natural resource management, local government administration, health services, retailing and marketing. Students should be able to apply the general principles of GIS to their own disciplinary interests. Practical exercises are based on software such as ARC/VIEW and MapInfo. ARC/INFO is available for extended practice.

**Class requirements:** three 1-hour lectures/practicals per week.

**Assessment:** 2,500-word literature review essay (30%), 3000-word GIS project (40%), practical exercises (30%).

**GLAZE TECHNOLOGY 1 (15 CPs. Sem. I. Be.) BVA1GT1 Mr David Stuchbery**

This subject examines ceramic chemistry giving the student a fundamental understanding of chemistry language and procedure, studying atomic structures, molecular formula calculations (including Seger formula), the relationship between molecular equivalents and the specific role of each oxide present in the raw materials used in the ceramic industry. Through combining theory and practice, base glaze experiments will be conducted, systematically investigating the fluxing properties of raw materials when formulating simple glazes.

**Class requirements:** one 1-hour lecture, one 1-hour and one 1-hour laboratory per week.

**Assessment:** 1-hour mid-semester examination (20%), 2-hour examination (40%), 500 word practical report and laboratory test pieces (40%).

**Recommended reading:**

Currie I., (1995) *Stoneware Glazes – A Systematic Approach*, Bootstrap Press.

**GLAZE TECHNOLOGY 2 (15 CPs. Sem. II. Be.) BVA1GT2 Mr David Stuchbery**

This subject allows the student to design ceramic glazes utilising an informed approach in selecting individual oxides when formulating specific glaze types. Emphasis will be placed on the importance of connecting a relevant database of local materials to a reliable glaze calculation program. Glaze development will encompass specific glaze types, adjustments to surface quality, firing temperatures and glaze/body fit.

**Prerequisite:** BVA1GT1

**Class requirement:** one 1-hour lecture, one 1-hour tutorial and one 1-hour laboratory per week.

**Assessment:** 1-hour examination (20%), assignments (48%).

Students will complete two assignments of 500 words in length plus laboratory test piece.

**Recommended reading:**

Burkett R. (1995) *Hyper Glaze User's Manual*, HyperGlaze Software Design.

Currie I. (1995) *Stoneware Glazes – A Systematic Approach*, Bootstrap Press.

**GOVERNMENT AND THE ECONOMY 2 (15 CPs. Sem. I. Be.) BECOGE2**

**Mr David Reimers**

This subject assists in developing an understanding of the rationale for government intervention in the economy, together with awareness of the instruments and objectives of macroeconomic policy. It demonstrates that policy is a compromise between social and economic factors. Students become aware of current and past economic problems. Major topics include the role, nature and extent of government activity, income and expenditure, consumption and investment in the private sector, the foreign sector and foreign debt, money and financial institutions.

**Prerequisite:** BECOMA1.

**Class requirements:** three hours per week.

**Assessment:** tests (60%) and a report (40%).

**Prescribed reading:**

Rosen, H. S. (1995) *Public Finance* 4th edn Irwin, Chicago.

**GRAPHICS PROGRAMMING (15 CPs. Sem. II. Be.) BITGRP Mr**

**Robert Cox**

Topics covered in this subject include I/O devices, hardware and software, primitives, 2-D and 3-D transformations, windowing and clipping, colour theory, SGL, lighting and shading, hidden surface/line removal and camera models. Students learn introductory concepts of computer graphics and in particular, the relevant programming techniques, using microcomputers and graphics workstations.

**Prerequisite:** BITDST, or permission of the subject coordinator. (Co-requisite for GDComp).

**Class requirements:** four hours per week.

**Assessment:** 3-hours examination (50%), assignments (50%).

**GREEK MYTHOLOGY (15 CPs. Sem. II. Be.) BTPR1GM Dr Roger Swonder**

Greek myths exercised an influence on almost all the departments of Greek civilisation – on their sense of history, on their philosophic systems, on all the branches of their arts and on their religious cults. Study of Greek myths allows a ready approach to the totality of the classical Greek experience. The lectures introduce students to some of the major myths and myth cycles and to interpretations of them. In tutorials they evaluate the arguments for these interpretations and consider ways in which these myths have functioned as formative elements in the western cultural tradition.

**Class requirements:** three 1-hour lectures and 1-hour tutorial per week.

**Assessment:** essays (90%) and class participation (10%).

**Prescribed reading:**

Class anthology for SWT 101.

Homer, *The Odyssey* tr. E. V. Rieu (2nd edn Rev. D. C. H. Rieu). Penguin.

Plato, *The Last Days of Socrates* tr. H. Tredennick. Penguin.

**GREEK PHILOSOPHY (20 CPs. Be.) BPR23GP Dr Roger Swonder**

Not available in 2000.

**GROUP RESEARCH 1A: SCIENCE AND SOCIETY (15 CPs. Sem. I. Be.)**

**BGR1A Dr Katherine Legge**

In this subject students are placed in groups of up to eight, with each group will investigating an issue concerned with the effect on society or a part of society of either (i) a political or economic decision that has a scientific basis or implications, (ii) the introduction or continued use of some technology, or (iii) a science based issue or discovery that has implications for society. The subject is an introduction to the methods required to address current scientific issues and the skills required for working as part of a team, with the topic chosen by the group within set guidelines.

**Class requirements:** groups meet for a total of six hours per week. and with their supervisor for at least one hour per week.

**Assessment:** Written report and oral presentation (100%) individual students must satisfy participation requirements to pass the subject. The final mark will be based on the written report and oral presentation by the groups.

**GROUP RESEARCH 1B: COMMUNICATION OF SCIENCE (15 CPs.**

**Sem. II. Be.) BGR1B Dr Sabine Wilkens**

Students work in groups of up to eight, with each group investigating an issue concerned with the effect of the communication of science.

The project should be concerned with the information that is to be (or was) communicated, the group to whom the information is/was targeted and the reasons for and the degree of success of the communication. Communications may be (i) for public information, (ii) for teaching or learning, or (iii) for political decisions.

The subject is an introduction to the implications of communication on understanding current scientific issues and to further develop the skills required for working as part of a team. The project topic will be chosen by the group within set guidelines.

**Class requirements:** groups meet for a total of six hours per week and with their supervisor for at least one hour per week.

**Assessment:** Written report and oral presentation (100%) individual students must satisfy participation requirements to pass the subject. The final mark will be based on the written report and oral presentation by the groups.

**GROUP RESEARCH 2A: THE INTERACTION BETWEEN SCIENCE, TECHNOLOGY AND SOCIETY (30 CPs. Sem. I. Be.) BGR2A Dr**

**Katherine Legge**

Students work in groups of up to eight, with each group working on a topic of their choice that is an example of the interaction between science, technology and society. The group is expected to identify the interested parties and their concerns and to consider any ethical or moral issues that are evident. The subject is designed to develop the ability to distinguish science from non-science in topical issues and to acknowledge the balance between moral judgement and scientific rationality. The development of skills required for working as part of a team is a critical component of the subject. The project topic is chosen by the group within set guidelines.

**Prerequisite:** BGR1A, BGR1B.

**Class requirements:** each group meets with their supervisor for at least one hour per week.

**Assessment:** Written report and oral presentation (100%) individual students must satisfy participation requirements to pass the subject. The final mark will be based on the written report and oral presentation by the groups.

**GROUP RESEARCH 2B: HISTORY AND PHILOSOPHY OF SCIENCE (30 CPs. Sem. II. Be.) BGR2B Dr Sabine Wilkens**

Students work in groups of up to eight, with each group working on a topic of their choice concerned with the history or philosophy of science. The investigation may consider the historical significance of some aspect of science, the influence of science on the development of a society, or the interaction between science and a religion or culture. The subject develops in science students the ability to recognise the historical role played by the sciences in the development of societies and the influence culture has had on the direction of science. The development of skills required for working as part of a team is a critical component, with the project topic chosen by the group within set guidelines.

**Prerequisite:** BGR1A, BGR1B.

**Class requirements:** each group meets with their supervisor for at least one hour per week.

**Assessment:** Written report and oral presentation (100%) individual students must satisfy participation requirements to pass the subject. The final mark will be based on the written report and oral presentation by the groups.

**GROUP RESEARCH 3A: THE USE OF MODEL THEORIES AND EXPERIMENTS IN SCIENCE (30 CPs. Sem. I. Be.) BGR3A Dr**

**Katherine Legge**

Students work in groups of up to eight, with each group working on a topic of their choice concerned with the use of models, theories and/or experiments in science. For instance, the work may consist of investigating computer models designed to simulate physical or biological processes, or designing suitable experimental procedures to validate or disprove a new theory. The subject develops an awareness of the applications and limitations of modelling in science and the role of experimentation. The development of skills required for working as part of a team is a critical component, with the topic being chosen by the group within set guidelines.

**Prerequisite:** BGR2A or BGR2B.

**Class requirements:** each group meets with their supervisor for at least one hour per week.

**Assessment:** Written report and oral presentation (100%) individual students must satisfy participation requirements to pass the subject. The final mark will be based on the written report and oral presentation by the groups.

**GROUP RESEARCH 3B: FINAL PROJECT (30 CPs. Sem. II. Be.)**

**BGR3B Dr Katherine Legge**

Students work in groups of up to eight, with each group working on a topic of their choice, chosen from one of the five previous themes of group research. Students are expected to demonstrate the skills and techniques in working as part of a team and their understanding of the role of science and the interdisciplinary nature of many issues. The topic is chosen by the group linked to regional concerns, prospective employment, or research areas that adhere to set guidelines.

**Prerequisite:** BGR2A, BGR2B, BGR3.

**Class requirements:** each group meets with their supervisor for at least one hour per week.

**Assessment:** Written report and oral presentation (100%) individual students must satisfy participation requirements to pass the subject. The final mark will be based on the written report and oral presentation by the groups.

**GUI PROGRAMMING (15 CPs. Sem. II. Be.) BITGUP Mr Mal Sutherland**

This subject is concerned with GUI application development, including analysis, design and implementation. Students examine approaches to GUI design (object-oriented approaches, metaphors) and a major GUI programming environment including X, Motif, OpenUI, Macintosh, MS Windows and NextStep. This subject introduces students to the concepts and techniques of programming and design of applications having a graphical user interface using the object-oriented approach.

**Prerequisite:** BITOOP.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), and assignments (50%).

**HEALTH ASSESSMENT (15 CPs. Sem. I. Aw., Be., Bu.) NU1HAL**

Students will be given the opportunity to develop skills in health assessment and clinical reasoning. They will be assisted to consolidate interpersonal skills and concepts of the life sciences in the process of health assessment and problem-solving. Topics will include: logical processes, models of decision making, skills and processes of physical examination, mental health assessment, measurement of vital signs, history taking and ethical terminology. Students will develop a systematic framework for patient assessment, and will have the opportunity to practice in the laboratory and with simulated patients. Clinical practice will involve application of these skills on healthy individuals across the life-span, from various community settings.

**Class requirements:** 15 hours of lectures, 17 hours laboratory practice, 20 hours clinical practice.

**Assessment:** 2,000-2500 word Health Assessment project (50%), thirty minute physical assessment competency skills examination (50%).

**HEALTH BEHAVIOUR CHANGE (15 CPs. Sem. I. Be.) BHS8HBC Mr**

**Tim Godber**

*This subject is taught in Block Mode delivery.*

Students are introduced to a range of models and strategies useful in helping people make behavioural changes which enhance their health. Emphasis is on assisting people, as individuals or groups, in changing voluntary behaviours demonstrated to pose significant health risks behaviours which are considered include smoking, poor diet, lack of exercise, sexual risk-taking and excessive alcohol use. Factors associated with the initiation and maintenance of these health-risking behaviours are explored and students are introduced to a variety of change processes which can be utilised by people to achieve behavioural self-control.

**Prerequisite:** all first year social sciences subjects, Public Health Principles or similar.

**Class requirements:** three hours per week.

**Assessment:** a 1,500-word report (60%) and class tests (40%).

Students will complete a written report of a self directed behaviour change program and four class tests each worth 10%.

**Prescribed reading:**

Watson, D. L. and Tharp, R. G. (1999) *Self-directed behaviour: self-modification for personal adjustment* 6th edn, California: Brook-Cole Publishing Company.

**HEALTH EDUCATION (15 CPs. Sem. I. Be.) BHS5HED Ms Lyn Talbot and Ms J Ellis-Scheer**

Students are introduced to foundation education theories. Health education models are compared and contrasted with education theories and health education is critiqued. Other topics include the learning domains, educator qualities and group-teaching-learning processes. Students analyse the characteristics of teaching and learning opportunities and develop skills suitable for a range of health education settings.

**Class requirements:** three hours per week.

**Assessment:** critical analysis report (35%) and assignment (65%).

Students will complete an assignment on the production and presentation of a Health Education package.

**HEALTH INFORMATICS 1 (15 CPs. Sem. II. Be.) BHS2HI1**

This subject provides students with a basic knowledge and working understanding of information systems. Applications of information technology in health care will also be covered.

**Class requirements:** three hours per week.

**Assessment:** minor assignment (30%), major assignment (40%), examination (30%).

**Prescribed reading:**

Szymanski, R. A., Szymanski, D. P., Morris, N. A. and Pulschen, D.M. (1995) *Computers and information systems*. New York: Macmillan.

**HEALTH & PHYSICAL EDUCATION A (15 CPs. Sem. II. Be., Mi.)**

**BPE2HPEA Ms Maree Stockdale**

This unit provides a practical and theoretical study in health and physical education, with lectures, tutorials and workshops focussing on the development of skills, knowledge and attitudes in the understanding of physical activity, food and nutrition, health, safety, human development and human relations. The *Curriculum and Standards Framework* document and selected curriculum teaching models and strategies will be examined.

**Class requirements:** four hours per week.

**Assessment:** action research assignment (50%), and examination (50%).

**Prescribed reading:**

Board of Studies, (1995) *Curriculum and Standards Framework: Health and Physical Education*, Carlton.

**HEALTH & PHYSICAL EDUCATION B1 (20 CPs. Sem. I. Be.)**

**BPE4HPB1 Ms Maree Stockdale**

This subject aims to prepare students to teach in the Health and Physical Education key learning area of the curriculum in schools, with a particular emphasis on the P.E. component. Students will be invited to formulate their own philosophy of quality provision through planning, teaching and evaluating curriculum content and teaching strategies suitable for primary school P.E. classes. Through tutorial and practical teaching in schools, students will become aware of the important contribution P.E. can make to the physical, social, emotional and cognitive development of the child.

**Prerequisite:** BPE2HPEA.

**Class requirements:** one 4-hour seminar/workshop per week.

**Assessment:** 2,500 word assignment (50%), 2,500 word paper (50%). The assignment will comprise curriculum development (unit of work) and a teaching assignment.

**Preliminary reading:**

Siedentop, D. (1991) *Developing Teaching Skills in Physical Education*, 3rd edn, New York, Mayfield Publ. Co.

**Prescribed reading:**

Board of Studies. (1995) *Curriculum Standards Framework: Health and Physical Education*, Board of Studies, Melbourne.

Tinning, R., Kirk, D. and Evans, J. (1993) *Learning to Teach in Physical Education*, New York, Prentice Hall.

**HEALTH & PHYSICAL EDUCATION B2 (20 CPs. Sem. II. Be.)**

**BPE4HPB2 Mr Mal Ward**

This subject aims to prepare students to teach in the Health and Physical Education key learning area of the school curriculum with a



particular focus on the health component for years P-10. Students will have the opportunity to explore national and international trends in health education and theoretical underpinnings of particular approaches to health education including models of health behaviour change. Students will also consider appropriate teaching strategies and examine ways of developing and evaluating health and physical education curriculum. Specific health related issues including nutrition, safety, drug education, environmental, social and mental health are investigated in relation to health and physical education curriculum development and teaching. Students will have the opportunity to become accredited to teach the Personal Safety Program auspiced by the Child Protection Authority.

**Prerequisite:** BPE2HPEA.

**Class requirements:** one 4-hour seminar/workshop per week.

**Assessment:** 2,500 word assignment (50%), 2,500 word paper. The assignment will comprise curriculum development (unit of work) and a teaching assignment.

#### **Preliminary reading:**

For students undertaking Personal Safety Program accreditation. Headey, M. (1995) *Personal Safety: A workbook for adults* C.P.E.C.G. Inc. Melbourne.

#### **Prescribed reading:**

Board of Studies. (1995) *Curriculum Standards Framework: Health and Physical Education*, Board of Studies, Melbourne.

#### **HEALTH PROMOTION (15 CPs. Sem. II. Be.) BHS3HP Ms Denise Main**

Students are introduced to strategic approaches to the goals, targets and priorities for health advancement. The content and assessments are designed to provide opportunities for students to apply their theoretical knowledge and practical skills in areas of health promotion. This subject presents materials based on the frameworks which underpin health promotion and illness/injury prevention strategies, from the individual, community and wider population levels. A particular focus is to provide opportunities for inter-sectoral collaboration and action for health, an important strategy for advancing the health of Australians.

**Prerequisite:** BHS3PH, BHS3PD1.

**Class requirements:** three hours per week.

**Assessment:** minor assignment (40%) major health promotion program (60%).

#### **Prescribed reading:**

Katz, J. and Peberdy, A. eds. (1997) *Promoting Health Knowledge and Practice*. London: MacMillan.

#### **HEALTH PSYCHOLOGY (15 CPs. Sem. I. Be.) BPY3HP Ms Sandra Tunley**

Three areas of health psychology are explored. In the first, health promotion, prevention and rehabilitation are addressed, with emphasis on incidence and prevalence of disease. The second area examines the changing health status of the community and the role of behavioural factors in health, while the third area looks at lifestyle issues in the form of smoking, diet and stress, as precipitators of illness and injury. The role of social support as an indicator of wellness and the role of individual difference in determining health outcomes is also addressed.

**Prerequisite:** any two second year psychology subjects.

**Class requirements:** two 1-hour lectures, two 1-hour practical/tutorial per week.

**Assessment:** one 3-hour examination (50%), one practical report (30%) essay (30%).

#### **HEALTH PSYCHOLOGY B (15 CPs. Sem. II. Be.) BHS1PHPB Ms Joan Ledwich**

Health Psychology B takes a life-span development approach to articulate significant developmental issues pertaining to each life phase. A range of developmental models are introduced and the subject also discusses the relationships between public health practice and developmental needs across the life span.

**Prerequisite:** BHS1PHPA.

**Class requirements:** one two hours of lectures and one 1-hour of tutorial per week.

**Assessment:** a tutorial paper and presentation based on lecture material (50%), 2-hour examination (50%).

#### **Prescribed reading:**

Papatra, D. E. and Olds, S. W. *Human Development*.

#### **HEALTH SOCIAL SCIENCE (15 CPs. Sem. I. Be.) BHS3HSS Ms Sandra Kippen**

This subject provides students with the opportunity to relate their previous and present clinical experience to Sociological theories and principles. A range of topical issues are discussed including caring

and professional issues, critique of various medical technologies, health workers and consumers roles and actions, mental health, disability and the consequences of health policies.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39 hours per semester.

**Assessment:** 2-hour examination (40%) 2,000-word assignment (60%).

#### **HEALTH SOCIOLOGY A (15 CPs. Sem. II. Be.) BHS1HSA Ms Sandra Kippen**

The health of individuals within our society and the health care processes that we develop are part of the wider, more general 'social construction' of everyday life. This sociology subject is essentially designed for Health Science students and the issues examined assist in comprehending the social processes that influence the health and the organisation of health care in our contemporary Australian society.

**Prerequisite:** Bachelor of Nursing students must have successfully completed all first semester subjects.

**Class requirements:** one two hours of lectures and one 1-hour of tutorial per week.

**Assessment:** minor assessment (50%) 2-hour examination (50%).

#### **HEALTH SYSTEMS 1 (15 CPs. Sem. I. Be.) BHS1HS1 Ms Helen**

**Keleher and Ms Glenda Verrinder**

This subject will introduce students to: the significance of public health as a social enterprise; the interdisciplinary and intersectoral approach to public health; the belief that public health professionals acting individually and collectively, can improve public health practice; the importance of health promotion. The course content includes the development of public health, health studies and the determinants of health and illness and factors that influence health service delivery.

**Class requirements:** one two hours of lecture/seminars and one 1-hour of tutorial per week.

**Assessment:** essay (50%), examination (50%).

#### **Prescribed reading:**

Baum, F. (1998) *The New Public Health: An Australian Perspective*. Oxford University Press, Melbourne.

#### **HEALTH SYSTEMS POLICY (15 CPs. Sem. I. Be.) BHS2HSP Ms Helen Keleher**

This subject examines the political institutions which impact on the delivery of health care, as well as the political and economic perspective's relevant to health issues. The theory and practice of health care policy are explored, including social economic and political influences on health policy development and the relationship between health policy and health status of the population. Also of relevance is the inter-relationship between health care providers and customers. Students will develop the skills necessary to critically evaluate the impact of health policy.

**Class requirements:** one two hours of lectures and one 1-hour of tutorial per week.

**Assessment:** essay (50%), and a sighted, take home examination (50%).

#### **HELPING AND CHANGE (20 CPs. Sem. II. Be.) BES5HC Dr Michael Faulkner**

Students are introduced to the contextual, inter-personal, and skills bases of effective helping and change processes. This subject has relevance for special needs personnel or consultants in areas of school education, or for those working in other human services contexts. The subject incorporates aspects of the dynamics of helping and change processes within changing organisations, values and choice in helping and change, the micro skills of effective helping and change dimensions of organisational change, and the implications for assisting people with special needs within changing contexts. The concepts and skills integral to this subject will be given pedagogic and practical utility through assignment field work.

**Prerequisite:** generally BES5ISE.

**Class requirements:** equivalent of four hours per week, this could include full day classes during weekends or school vacations.

**Assessment:** 2,500 word essay (50%), 2,500 word assignment (40%), class participation (10%).

#### **HERITAGE STUDIES (20 CPs. Be.) BRHH4HS Ms Yola Collins.**

*Not available in 2000.*

#### **HERITAGE TOUR MANAGEMENT (20 CPs. Be.) BRH4HTM Ms Yola Collins.**

*Not available in 2000.*

#### **HISTORY HONOURS THESIS (72 CPs. All year. Be.) BH4THES Dr Robbie Robertson**

Students select and under supervision, investigate and write a dissertation on an individual research topic. The topic must be one



that the University can provide adequate supervisory and library resources for.

**Class requirements:** 1-hour supervision per week.

**Assessment:** one, 10,000 to 12,000 word thesis (100%).

**HISTORY OF CHILDREN'S LITERATURE 1 (15 CPs. Sem. I. Be., Mi.) BEE1HCL2 Ms Maureen O'Brien**

This subject studies the emergence and adaptation of traditional oral narratives in the development of children's literature. Genres to be studied include Myths, Legends, Fables, Hero tales, and Folk and Fairy tales, Sociological, Psychological, Structural and Archetypal interpretative approaches will be used to study these narratives. The subject considers in detail various rewritings and interpretations of these texts as indicative of changing societal perceptions of childhood. The influence of the generic features of this literature in the emergence of modern fantasy literature for children will also be studied.

**Prerequisite:** normally first year level Children's Literature.

**Class requirements:** four hours per week.

**Assessment:** 1,500-word written assessment (30%), examination (50%), contribution to class discussion (20%).

**HISTORY OF CHILDREN'S LITERATURE 2 (15 CPs. Sem. II. Be., Mi.) BEE2HCL2 Ms Maureen O'Brien**

This subject examines major genres in the origins and development of children's literature in England in the 18th and 19th centuries. Genres studied include the development of chapbooks, poetry for children, family stories and fantasy fiction. The origins of modern fantasy stories are studied in terms of the adaptations made by such 19th century and early 20th century authors as Barrie, Andersen, Carroll, Kipling and Baum to traditional folk and fairy tales. The changes to 'family stories' as a sub-genre of realistic fiction is also studied.

**Prerequisite:** normally first year level Children's Literature.

**Class requirements:** four hours per week.

**Assessment:** 1,500-word written assessment (30%), examination (50%), contribution to class discussion (20%).

**HISTORY OF MATHEMATICS (15 CPs. Sem. I. Be., Mi.) BMA1HM Dr Alan Dudley**

Students are provided with an overview of the historical development of selected mathematical topics and gain an appreciation of mathematics as a human endeavour developed by many people from a diverse range of civilisations. Content includes computation methods, calculating devices, numeration systems, measurement systems and geometry.

**Class requirements:** four hours per week.

**Assessment:** assignment (40%), examination (60%).

**HISTORY READING UNIT (24 CPs. Sem. II. Be.) BH4HRU Dr Robbie Robertson**

This subject allows students to focus on debates and issues in history, specialising in a particular topic. The subject is primarily designed as a reading unit and specific areas of study are negotiated between staff and students.

**Prerequisite:** subject to honours prerequisites.

**Class requirements:** 1-hour seminar per week.

**Assessment:** essays (100%). Students will complete two 3,500 word essays of equal value.

**HOSPITALITY OPERATIONS MANAGEMENT 2 (15 CPs. Sem. I. Be.) BHOM2 Mr Ian Ping**

This subject builds on the breadth of a student's operational and management skills developed in the first year program. The subject gives students an understanding of practical organisational management applied to the specialist areas of Hospitality and Tourism. Topics include staff organisation, communication and leadership and specific applications in management computing. This subject also acts as the convenor for a structured work experience program of 200 hours, necessary for students who wish to take out the Diploma in Hospitality (Supervision).

Campus of offer: Goulburn Ovens TAFE (Shepparton), Northern TAFE (Preston), Bendigo Regional Institute of TAFE.

**Prerequisites:** BFB1A, BFB1B, BACMO1, and BACMS1.

**Class requirements:** two 1-hour lectures and four, 1-hour tutorials per week, plus 200 hours structured work experience for the award of Diploma of Hospitality Management.

**Assessment:** 2-hour examination (40%), 1,500 word assignment (30%), and satisfactory completion of work experience (30%).

**HUMAN-COMPUTER INTERFACE (15 CPs. Sem. I or II. Be.) BIXHCI Mr Peter Goddard**

*Offered subject to sufficient enrolments.*

Topics covered in this subject include human perception, languages and linguistics, interface style, intelligent and adaptive interfaces,

interface design guidelines, usability testing, current commercial offerings, existing and evolving standards.

**Prerequisite:** approval of the School's Honours or Higher Degrees committee.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment (100%).

**Prescribed reading:**

Preece, J. et al. (1994) *Human Computer Interaction*. Addison Wesley, Wokingham.

**HUMAN ECOLOGY AND HEALTH (15 CPs. Sem. II. Be.) BHS1EH Dr Adrian Verrinder**

The health status of humans as individuals, groups and populations is examined with relation to adaptation to environmental changes. Content includes humans, their health and disease in relation to ecosystems, the interplay between biological and cultural processes, genetic and cultural adaptation to new circumstances and conflicts between the evolution of the hunter-gatherer life style, the process of 'civilisation' and the development of agricultural and industrial communities.

**Prerequisite:** BB11LSA.

**Class requirements:** three hours per week.

**Assessment:** essay (40%) and examination (60%).

**Prescribed reading:**

McMichael, A. J. (1993) *Planetary overload*. Cambridge University Press: Cambridge.

**HUMAN ENVIRONMENTAL IMPACT (15 CPs. Sem. II. Be.) BG1HEI Dr Ban Lian Ng**

Environmental problems and issues are examined from a spatial-temporal, as well as from an evolutionary perspective. Students gain an understanding of the interactions between humans and the natural environment and of the complexity of the processes involved. Various examples of the consequences of human actions on environmental resources are discussed, such as environmental and landscape changes in Australia, human impact on biological resources, animals and soil resources, the impact on forests, land degradation problems and the impact on the atmosphere and waterways. Student gain a deeper appreciation of the Earth as a finite resource, of the need to strive for ecologically sustainable development and the importance of environmental education. Australian examples are emphasised, although global examples are also utilised for comparison. Practical exercises, workshops, short field trips and tutorial discussions provide students with the skills required to analyse issues and to communicate effectively.

**Class requirements:** two hours of lectures and one 1-hour tutorial or practical class, per week.

**Assessment:** one 2,000-word essay (40%), three workshop assignments each 1,000-words (20% each).

**HUMAN RESOURCE MANAGEMENT (15 CPs. Sem. I & II. Be.) BMGTHRM Mr John Griffiths**

Students are introduced to the important human resource management functions such as human resource planning, job analysis, recruitment and selection, performance appraisal, training and development and industrial relations. The subject provides students with a sound theoretical grasp of human resource concepts and the implications of those concepts for management practice.

**Prerequisite:** BMGT0B.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and examination (100%).

**Prescribed reading:**

Dessler, G., Griffiths, J., Lloyd-Walker, B. and Williams, A. (1999) *Human Resource Management* Prentice Hall, Sydney.

**HUMAN RESOURCE RECORD AND INFORMATION SYSTEMS (15 CPs. Sem. II. Be.) BMGTHRRI Ms Cindy Miles**

The subject introduces students to the history of HRRIS's, the systems model of a HRRIS, and identifies key legal requirements for record keeping. It also analyses the systems development process including the planning, design, development and implementation of a HRRIS and consideration of the process of maintaining a HR system. In particular, the subject looks at the main applications of a HRRIS such as payroll, training and development, recruitment and selection, occupational health and safety, and HR planning.

**Prerequisite:** BITBUS or BITINF.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (40%), assignments (60%). Student will complete two assignments each worth 30%.

**Prescribed reading:**

Rampton, G. Turnbull, I. and Doran, A. (1997) *Human Resources Management Systems*, ITP Nelson.

Beutell, J. (1996) *PC Projects for Human Resource Management*, 3rd edn, West Publishing Company.

**HUMANITIES IN THE SCIENTIFIC AGE (20 CPs. Be.) BT4HSA Dr Harry Oldmeadow.**  
Not available in 2000.

**HYDRAULIC ENGINEERING 1 (15 CPs. Sem. II. Be.) BEN3HD1 Mr Ross Anderson**

Students are provided with an understanding of the elements and behaviour of hydraulic systems. Topics covered include hydrological cycle, rainfall and run-off, data acquisition and stream gauging, estimation of run-off from a catchment, flood routing through reservoirs and channels, urban drainage, computing modelling, flood mitigation, gradually varied flow computations, design of culverts and retarding basins, hydraulic jump and channel transitions.

*Prerequisite:* BEN2HD1.

*Class requirements:* three hours of lectures, two hours of tutorial and laboratory classes per week.

*Assessment:* 3-hour examination (60%), assignments (20%), and laboratory work (20%).

**Prescribed reading:**

*Australian Rainfall and Run-off: a Guide to Flood Estimation.* Vol 1. (1987) The I.E. Aust.

**HYDRAULIC ENGINEERING 2 (15 CPs. Sem. I. Be.) BEN4HD2 Dr John Russell**

This subject aims to introduce students to the elements and behaviour of the hydraulics systems used in water supply, irrigation and sewerage. Topics to be covered include: Water Supply: demand; quality; sources of water; treatment of water; distribution of water; pipe network analysis and elements of water hammer analysis; surge tanks. Waste Water Systems: estimation of flow rates; characteristics of waste water; collection systems; design of reticulation systems including pumping; treatment and disposal of waste water. Irrigation: sources and quality of water for irrigation; water requirement for crops; design of irrigation channels; methods of irrigation; dry land and wetland salinity and strategies to control the salinity; design of irrigation structures and measurement of irrigation water.

*Prerequisite:* BEN3HD.

*Class requirements:* five hours per week.

*Assessment:* 3-hour examination (70%), and assignments (30%).

**Prescribed reading:**

Barns, D., Bliss, P. J., Gould, B. W. and Valentine, H. R. (1981) *Water and Wastewater Engineering Systems*, Pitman.

**HYDRAULIC ENGINEERING 3 (8 CPs. Sem. I. Be.) BEN5HE3 Dr John Russell**

*5<sup>th</sup> year subject will be offered for the last time in 2000 and will be subject to staff availability.*

This subject examines pipe flows (network analysis and water hammer analysis), open channel flows (gradually varied flow computations, channel transitions and minimum energy structures, hydraulic jump, and elements of sediment transportation), dams (further consideration of hydrology and runoff, selection of dam type, factors in design of dams, and safety), and spillways and energy dissipation arrangements (computer models).

*Prerequisite:* BEN4HE2.

*Class requirements:* three hours per week.

*Assessment:* 3-hour examination (80%), and assignments (20%).

**HYDRAULIC ENGINEERING 3 (15 CPs. Sem. II. Be.) BEN4HD3 Dr John Russell**

*Offered subject to staff availability.*

This subject introduces students to the analysis of hydraulic elements and systems and their application design problems. The topics covered include: Sediment transportation and sediment control; river training techniques; theory of turbulence; dimensional analysis and model studies; waves and tides; beach erosion and control; dams – types and selection; design principles; spillways and energy dissipation arrangements.

*Prerequisite:* BEN4HD2.

*Class requirements:* five hours per week.

*Assessment:* 3-hour examination (80%), and assignments (20%).

**HYDRAULICS (15 CPs. Sem. I. Be.) BEN2HD Mr Ross Anderson**

This subject introduces students to the concepts, knowledge and skills in fluid mechanics essential for an adequate understanding of fluid behaviour in engineering systems. Topics covered include properties of fluids, fluid statics (pressure and its measurement, hydrostatic force on plane and curved surfaces and equilibrium of floating bodies), principles of fluid flow analysis, concept of control

volume and the measurement of flows through pipes and channels. Other topics include momentum principles, the forces on bends, etc., fluid machinery (pumps and turbines) types and performance characteristics, incompressible flow through pipes and ducts, steady uniform flow in channels and the concept of boundary layer, such as drag on bodies.

*Class requirements:* three hours of lectures, two hours of tutorials and laboratory work per week.

*Assessment:* 3-hour examination (60%), assignments (20%), and laboratory work (20%).

**ILLNESS IN LITERATURE (20 CPs. Sem. I. Be.) BLFA23IL Mr Maurie Nestor**

Illness may be experienced as a heightened, rather than a diminished, state of existence, when the body presents itself for attention as problem, as mystery, perhaps as enemy. It may awaken (or re-awaken) questions about meaning: the meaning of the illness itself; the meaning of one's whole life: 'What have I done to deserve this?' 'Who are these people whom I thought I knew?' The literature that we read finds in illness not only the subject of its concern or compassion, but the generator of its own processes. Illness and literature are allies. We read stories and novels that take us into topics such as: illness as nemesis; illness as 'truth'; illness as a mode of lying; illness as weapon; illness as intimacy; illness as metaphor.

*Prerequisite:* BL1CLIT and BLFA1MM.

*Class requirements:* two 1-hour lectures, one 1-hour tutorial per week.

*Assessment:* 750-1000-word essay (15%), 750-1,000 word essay (15%), 1500-1700-word essay (20%), 2000-word essay (40%), class participation (10%).

**Prescribed reading:**

Poe, E A, 'The Masque of the Red Death', (Story, issued in class).

Hawthorne, N, 'Lady Eleanora's Mantle', (Story, issued in class).

Tolstoy, L, *The Death of Ivan Ilyich*, Penguin.

Gide, A, *The Immoralist*, Penguin.

Conrad, J, *The Nigger of the 'Narcissus'*, Penguin.

Turgenev, I, *The Country Doctor*, (Story, issued in class).

Dickens, C, *Great Expectations*, Penguin.

Kafka, F, 'Metamorphosis', in *Metamorphosis & Other Stories*, Minerva.

Camus, A, *The Plague*, Penguin.

Beauvoir, S. de, *A Very Easy Death*, Penguin.

**ILLUSTRATION 100: ELECTIVE (15 CPs. Sem. I. Be.) BGD8IPE Mr Geoff Hocking**

Illustration for publication and editorial investigates through assigned projects the peculiar requirements of preparation of art for illustration and the printed page. The world of publishing, editorial, magazine and newspaper page are conceptually divorced from the world of advertising and marketing and the needs of the commissioning editor or art director can be defined in a unique manner. This unit offers the student the opportunity to attempt assigned projects and follow a personal approach with the expressed outcome of portfolio preparation aimed at the needs of this industry.

*Prerequisite:* None.

*Class requirements:* three hours per week: one 2-hour lecture or practical and 1-hour of self guided studio research.

*Assessment:* folio submission (100%).

**ILLUSTRATION 200: ELECTIVE (15 CPs. Sem. II. Be.) BGD8IE2 Mr Geoff Hocking**

The aim of illustration 200 is to provide the student with the opportunity to develop a personal style or approach to illustration application through assigned projects. Five pieces are required for successful completion of this unit and can be chosen from a range of options including: illustration for events promotion (poster), illustration for publication (book illustration), illustration for advertising or design (applied, conceptual or realism), illustration for amusement (cartoon or comic). Four pieces may be within a single area of application constituting a larger presentation. The poster illustration will be compulsory.

*Prerequisite:* BGD8IPE.

*Class requirements:* three hours per week: one 2-hour lecture or practical and 1-hour of self guided studio research.

*Assessment:* folio submission (100%).

**INDEPENDENT STUDY PROGRAM (20 CPs. Sem. I & II. Be) BES4ISP Mr Ray Nichol**

Students have the opportunity to investigate an area of interest not covered by other subject offerings, develop skills in independent research and present the results of their investigation.

*Prerequisite:* Bachelor of Teaching (Primary) or equivalent.

*Class requirements:* equivalent to four hours per week.

*Assessment:* 5,000 word research project. (100%).

**INDONESIAN 1 (15 CPs. Sem. I. Be.) BI201 Mr Brendon Marshall**

This subject develops more sophisticated spoken and written Indonesian, as well as consolidates and expands knowledge of Indonesian culture. The subject is designed around topics that enable students to develop language proficiency through reading, listening, discussion and writing. This subject equips students to hold conversations in Indonesian about various topics, read increasingly complex Indonesian texts with the help of a dictionary and write a range of discourse forms.

*Prerequisite:* BI100 or HSC/VCE Indonesian or equivalent.

*Class requirements:* five hours per week.

*Assessment:* assignments/tests (60%), examination (40%). The assignments and tests and end of semester examination will be in written and spoken language.

**Prescribed reading:**

Echols, J. M and Shadily, H. *Kamus Indonesia Inggris*.

Echols, J. M. and Shadily, H. *Kamus Inggris Indonesia*.

**INDONESIAN 2 (15 CPs. Sem. II. Be.) BI202 Mr Brendon Marshall**

This subject builds on skills developed in BI201 so that students will be able to make increasingly fine distinctions in their perception and production of the Indonesian language. Students are exposed to an increasing amount of Indonesian literature and current affairs.

*Prerequisite:* BI201.

*Class requirements:* five hours per week.

*Assessment:* assignments/tests (60%), examination (40%). The assignments and tests and end of semester examination will be in written and spoken language.

**Prescribed reading:**

As for Indonesian 1: BI201.

**INDONESIAN 3 (15 CPs. Sem. I. Be.) BI301 Mr Ben Soeradinata**

This subject develops the students' writing, aural and oral skills based on current affairs, especially those relating to Australia-Indonesia relations. Reading skills will be developed through a range of literary texts.

*Prerequisite:* BI202.

*Class requirements:* five hours per week.

*Assessment:* assignments (30%), discussion (10%), tutorial presentation (10%) and examinations (40%). The assignments and examinations will be in written and spoken language.

**Prescribed reading:**

As for Indonesian 1: BI201.

**INDONESIAN 4 (15 CPs. Sem. II. Be.) BI302 Mr Ben Soeradinata**

This subject builds on skills developed in BI301. Themes will be drawn from contemporary global issues.

*Prerequisite:* BI301.

*Class requirements:* five hours per week.

*Assessment:* assignments (30%), discussion (10%), tutorial presentation (10%) and examinations (40%). The assignments and examinations will be in written and spoken language.

**Prescribed reading:**

As for Indonesian 1: BI201.

**INDONESIAN 5 (15 CPs. Sem. I. Be.) BI303 Mr Ben Soeradinata**

This subject focuses on the appreciation of modern Indonesian literary works which range from novels and short stories through to poems and plays. It begins with examining the history and development of modern Indonesian literature from the pre and post-World War II era to the newest literary genre. This is followed by an examination and discussion of literary texts selected from the works of modern Indonesian writers.

*Prerequisite:* BI302.

*Class requirements:* three hours per week.

*Assessment:* essay (50%), discussion (20%) and tutorial presentation (30%).

**INDONESIAN 6 (15 CPs. Sem. II. Be.) BI304 Mr Ben Soeradinata**

In this subject students study selected texts showing the historical development of Bahasa Indonesia. Areas investigated include borrowings, developments in syntax, morphology, the use of acronyms and the development of dialects.

*Prerequisite:* Indonesian 5: BI303.

*Class requirements:* three hours per week.

*Assessment:* essay (30%), discussion (15%) tutorial presentation (30%), text analysis (25%).

**INDONESIAN STUDIES (30 CPs. All year. Be.) BI100 Mr Brendon Marshall**

This is an introductory subject in Indonesian language and culture. Through a range of topics the course aims to develop the listening,

speaking, reading and writing skills of students for basic communicative purposes.

*Class requirements:* five hours per week.

*Assessment:* assignments and tests (50%), and examination (50%).

The assignments and tests and mid-year and end of year examinations will be in written and spoken language.

**Prescribed reading:**

Echols, J. M and Shadily, H. *Kamus Indonesia Inggris*.

**INDUSTRIAL ECONOMICS 2 (15 CPs. Sem. II. Be.) BECOIE2 Mr Ian Pinge**

Students are provided with a theoretical and empirical study of how the structure of an industry and conduct of sellers and buyers effects economic performance and welfare. It brings traditional microeconomic theory into a contemporary perspective and enables students to apply economic theory to the role of the firm in the Australian economy. Students are encouraged to make judgements about the performance of markets and firms and the desirability or otherwise of current public policy. Key topics include the theory of the firm, the structure, conduct and performance model and government action through regulation and deregulation.

*Prerequisite:* BECOMI1.

*Class requirements:* three hours per week.

*Assessment:* written assignments and tests. (100%).

**INDUSTRIAL RELATIONS 3 (15 CPs. Sem. I. Be.) BECOIR3 Mr John Griffiths**

The emphasis of this subject is on the role of government, trade unions and employers and their inter-relationships within the institutional context of the Australian industrial relations system. It considers the development of the Australian industrial relations system and provides an understanding of the implications of the Industrial Relations Commission decisions. Major topics include a brief history of trade unionism in Australia, including political activity, the conciliation and arbitration power of the Commonwealth and the constitution, state industrial arbitration, management and employer associations, the ACTU and union organisations, the impact of government policy, industrial conflicts, disputes, strikes and work bans. An examination is also made of the development and resolution of conflict, the role of union officials and management in conflict, wage fixing in Australia, the place of awards, certified agreements and Australian Workplace Agreements in employment relations in the 1990's and future trends in Australian industrial relations.

*Class requirements:* three hours per week.

*Assessment:* assignment work and examination (100%).

**Prescribed reading:**

Deery, S., Plowman, D. and Walsh, J. (1997) *Industrial Relations: A Contemporary Analysis* McGraw Hill, Sydney.

**INDUSTRY BASED LEARNING A (30 CPs. Sem. I. Be.) BITIBA Mr Wolfgang Effenberg**

Students undertake a 20-week industry based learning program. A member of the academic staff acting in the capacity of industry based learning coordinator will liaise with the industry partner to formulate and structure a program of learning for each student. This program is normally project based, with day-to-day supervision by the industry partner. Progress is monitored at regular intervals and each students work assessed.

*Prerequisite:* application to and selection by industry based learning committee. Normally only applications from students who have completed two years of the Bachelor of Computing will be considered.

*Class requirements:* industry placement for 20 weeks.

*Assessment:* Cumulative assessment (100%) Students will be assessed on progress throughout the semester, as well as on the submission and presentation of a final report.

**INDUSTRY BASED LEARNING B (30 CPs. Sem. II. Be.) BITIBB Mr Wolfgang Effenberg**

See subject description for Industry Based Learning A: BITIBA above.

*Prerequisite:* BITIBA.

*Class requirements:* industry placement for 20 weeks.

*Assessment:* Cumulative assessment (100%). Students will be assessed on progress throughout the semester, as well as on the submission and presentation of a final report.

**INDUSTRY EXPERIENCE A (15 CPs. Sem. I. Be.) BITIEA Mr Brian Retallick**

This subject provides the students with the opportunity to apply theoretical knowledge learnt in other subjects of the course and to gain practical knowledge in the Information Technology professions. The student will undertake a 13 week work program with an external organisation, which has been approved as an industry year employer by the Subject and Course co-ordinators. The work to be undertaken

by the student must be in a recognised Information Technology area and provide an appropriate learning environment. The employer will nominate a workplace supervisor who will oversee the student's work program and liaise with the Subject co-ordinator.

**Prerequisite:** completion of two years of the Bachelor of computing or equivalent at an appropriate level. Approval of the Subject and Course co-ordinators.

**Co-requisite:** Full-time employment with an approved industry year employer.

**Incompatible subjects:** BITIBA and BITIB.

**Class requirements:** Full-time employment with an approved industry year employer for a minimum of 13 weeks. Weekly contact with the Subject co-ordinator.

**Assessment:** 1,200 word reflective diary (45%), 2,500 word final report (45%) and presentation (10%). All assessment must be completed. Assessment will be carried out by the Subject co-ordinator in consultation with the workplace supervisor.

#### **INDUSTRY EXPERIENCE B (15 CPs. Sem. II. Be.) BITIEB Mr Brian Retallick**

This subject provides the students with the opportunity to apply theoretical knowledge learnt in other subjects of the course and to gain practical knowledge in the Information Technology professions. The student will undertake a 13 week work program with an external organisation, which has been approved as an industry year employer by the Subject and Course co-ordinators. The work to be undertaken by the student must be in a recognised Information Technology area and provide an appropriate learning environment. The employer will nominate a workplace supervisor who will oversee the student's work program and liaise with the Subject co-ordinator.

**Prerequisite:** completion of two years of the Bachelor of computing or equivalent at an appropriate level. Approval of the Subject and Course co-ordinators.

**Co-requisite:** Full-time employment with an approved industry year employer.

**Incompatible subjects:** BITIBA and BITIB.

**Class requirements:** Full-time employment with an approved industry year employer for a minimum of 13 weeks. Weekly contact with the Subject co-ordinator.

**Assessment:** 1,200 word Reflective diary (45%), 2,500 word final report (45%) and presentation (10%). All assessment must be completed. Assessment will be carried out by the Subject co-ordinator in consultation with the workplace supervisor.

#### **INDUSTRY INTEGRATED LEARNING (60 CPs. Sem. I & II. Be.) BEN3IIL**

Twenty weeks of industry based, full-time paid employment in an engineering environment is required of all students prior to graduation. This may be completed as two, ten week blocks during the end of year vacations in years two and three, or as a 20 week block at the end of the academic part of the course. The work program is devised by the employer and is under the supervision of experienced engineers. This program gives practical application to the academic work already completed by the student prior to the placement period and also provides opportunities to acquire a variety of workplace skills. The University organises the placements, which may be anywhere in Australia or overseas.

**Prerequisite:** successful completion of the academic program leading up to the industry placement.

**Class requirements:** full-time industrial placement.

**Assessment:** a written report at the completion of each employment period (100%).

#### **INFECTION AND IMMUNITY (15 CPs. Sem. II. Be.) BHS8II Dr**

**Michelle Gibson**

*Subject to sufficient student enrolments and staff availability. May be delivered in intensive study block mode.*

This elective introduces students to the relationships between micro-organisms and humans. Infection prevention and control in hospitals and the community are addressed, along with public health issues.

Microorganisms as commensals, opportunistic pathogens and pathogens on the human host are studied. A range of common pathogens will be selected to illustrate the principles of disease transmission, nosocomial infections, specimen handling and collection and epidemiology. In addition, the biological and immunological consequences of societal organisation, stress, low immunisation rates, antibiotic resistance, marginalised communities and malnutrition are studied.

**Prerequisite:** all Bachelor of Nursing first year subjects or equivalent.

**Class requirements:** 39 hours per semester.

**Assessment:** 1,000 word minor assessment (40%) and 2,500 examination (60%).

#### **INFORMATION SYSTEMS (15 CPs. Sem. II. Be.) BITINF Mr Chris Matthews**

This is an introduction to the concept of an information system. The systems development life cycle. The role and involvement of users in systems development. Fact finding techniques and an introduction to data flow and E - R modelling. Information system case studies and hands on experience in the construction of a small information system using a suitable prototyping tool. The design of files, inputs/ outputs and conversions and implementation techniques.

**Prerequisite:** BITITE or BITCFU.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), assignment (15%) and assignment (25%). Students must obtain at least 45% for the examination component of the assessment.

#### **Prescribed reading:**

Shelley, Cashman and Adamski. (1997) *Systems Analysis and Design*. 3rd edn, Boyd and Fraser.

#### **INFORMATION SYSTEMS DEVELOPMENT (15 CPs. Sem. I. Be.)**

**BITISD Ms Lorraine Staehr**

This subject further develops the tools and techniques introduced in Information Systems. Major topics include project management, database design, prototyping and the human computer interface.

**Prerequisite:** BITINF.

**Class requirements:** 2-hour workshop, 1-hour tutorial per week.

**Assessment:** 3-hour open book examination (50%), assignments (50%). All components of the assessment must be submitted.

Students must obtain a minimum of 45% on the assignment component and a minimum of 45% on the examination component of the assessment. Students will complete three assignments, the first worth 20% and the two others worth 15% each.

#### **INFORMATION SYSTEMS METHODOLOGIES (15 CPs. Sem. II. Be.)**

**BITISM Ms Pat Horan**

The subject gives experience in a systems methodology, such as the Soft Systems (Checkland) Methodology and current systems topics, with emphasis on group work.

**Prerequisite:** BITISD.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%).

#### **INFORMATION SYSTEMS PRACTICE (15 CPs. Sem. II. Be.) BITISP**

**Ms Pat Horan**

The aim of this subject is to enable students to develop a mature understanding of information systems concepts, practices and current issues in academic and professional contexts. Topics covered will be drawn from Systems evaluation and failure. Systems testing, implementation and maintenance, including test design, user training and documentation. Overview of methodologies, including the object oriented paradigm. Managing user involvement in system development, installation and maintenance. Control, security and backup of physical facilities, hardware, software and data. Systems acquisition including tendering. Large systems. Social, legal and ethical responsibilities of computer professionals. Current professional and academic systems issues.

**Prerequisite:** BITISD.

**Class requirements:** four hours per week.

**Assessment:** 3-hour open book examination (45%), and assignments (55%). The assignment component includes a group assignment and optional essay. Students must obtain at least 45% on the examination component of assessment.

#### **Prescribed reading:**

*Book of Readings* (pub. LTUB).

#### **INFORMATION TECHNOLOGY (15 CPs. Sem. I & II. Be.) BITITE Mr**

**Noel McEwan and Mr John McCullagh**

Topics covered include computer hardware (the CPU, input, output, secondary storage and peripheral devices), communications, operating systems, use of software packages (word processing, spreadsheets and data management), data organisation, office automation and a study of computer systems within the commercial environment. A broad range of topics is covered and the subject provides an excellent introduction to computers for students from courses outside Bachelor of Business who wish to complete a computing elective.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), assignments (30%), and practical work (10%). Students must obtain at least 45% for the examination component of the assessment. Students will complete two assignments worth 10% and 20% respectively.

**Prescribed reading:**

Shelly, et al, *Microsoft Access 97 - Complete Concepts & Techniques*, Nelson ITP.

Shelly, et al, *Microsoft Word 97 - Complete Concepts & Techniques*, Nelson ITP.

Shelly, et al, *Microsoft Excel 97*, Nelson ITP.

Shelly, et al, *Discovering Computers: A Link to the Future World Wide Web Enhanced - Brief Edition*, Nelson ITP.

**INNOVATION IN EDUCATION (20 CPs. Be.) BES4IE Ms Jennifer Sheed**  
Not available in 2000.

**INTEGRATED PRACTICUM (20 CPs. Sem. I & II. Be.) BPM5I Dr Dixie Blanksby**

Practical application of skills developed by the course is a key component of this Diploma. This component enables students to apply knowledge and skills gained throughout the course.

*Prerequisite:* generally BES5ISE.

*Class requirements:* a minimum of 90-hours.

*Assessment:* case studies, supervisor assessment and self assessment.

**INST204 MICROPROCESSOR CONTROLLER SYSTEMS (15 CPs. Sem. II. Be.) BIN204 Mr Mal Haysom**

This subject is concerned with the principles of transducer operation. A range of transducers are considered, including: strain gauge, capacitive, inductive, optical and temperature transducers. There is an introduction to interfacing transducers as well as topics on microprocessor architecture (typical 8-bit machines), CPU, memory, I/O, peripherals. Microprocessor software, machine language, assembler language and development systems. In examining microprocessor operation, hardware- software interaction, especially with real time digital I/O operations and the user-machine interface, are studied.

*Prerequisite:* BEL110, BEL203.

*Class requirements:* six hours per week.

*Assessment:* 3-hour examination (50%), assignments (30%), and laboratory work (20%). Students will complete laboratory work of up to three reports.

**Prescribed reading:**

Motorola M6805 HMOS M146805 CMOS (1992) *Family Users Manual*, Motorola Corporation.

**INST207 MATERIALS CHARACTERISATION (15 CPs. Sem. I. Be.) BIN207 Dr Robert Glaisher**

This subject examines the properties of solids and gases and the associated instrumental methods commonly utilised for their characterisation. Solids: Fundamental concepts of quantum mechanics as applied to the solid state. Basics of crystallography: Analysis of the thermal, electronic, magnetic and optical properties of solids, conductors, insulators and semiconductors and semiconductor devices. Instrumental methods: X-ray diffraction, X-ray fluorescence spectroscopy. Gases: kinetic theory of gases, gas flow theory, principles of gas pumping, Instrumental methods: Mass spectroscopy, pumping and residual gas analysis.

*Prerequisite:* BPH120 or Chemistry 110.

*Class requirements:* six hours per week.

*Assessment:* 3-hour examination (70%), assignment (10%), and laboratory reports (20%).

**INST305 SCIENTIFIC INSTRUMENTATION (15 CPs. Sem. I. Be.) BIN305 Dr Katherine Legge**

Students study the design and specification of scientific instrumentation, in particular the production and measurement of medium, high and ultra-high vacuum and the design of optical and mass spectrometers. The subject develops practical skills, particularly the ability to evaluate manufacturers' specifications and use instruction manuals. Other topics include kinetic theory of gases, elementary gas transport phenomena, positive displacement, kinetic and entrainment pumps, direct and indirect total pressure gauges, partial pressure gauges, residual gas analysis, materials used in vacuum systems, construction techniques, leak detection, vacuum systems used in scientific instruments, aberrations in mirrors and lenses, optical monochromators using diffraction gratings, spectrometers using scintillation detectors and mass spectrometers using magnetic and quadrupole analysers.

*Prerequisite:* BPH110, BPH120, BMATHCA1 or BMATHAPC.

*Class requirements:* six hours.

*Assessment:* one, 2-hour theory examination (50%) and four reports and practical work (50%).

**INST306 ELECTRON MICROSCOPY (15 CPs. Sem. II. Be.) BIN306 Dr Rob Glaisher**

Topics covered include: Electron Optics: electromagnetic waves, resolution, magnification and lens aberrations. Basic vacuum technology. Electron beam production and control. Image formation by secondary, backscatter and transmitted electrons. Chemical analysis via energy dispersive x-ray spectroscopy. Quantitative interpretation of images using computer image analysis and specimen preparation. Biological applications are covered in lectures and practical classes, with these including conventional electron microscopy, cytochemistry, gold labelling and cryotechniques.

*Prerequisite:* BPH102 (or equivalent).

*Class requirements:* six hours per week.

*Assessment:* 2-hour examination (50%), practical assignments and laboratory work (50%).

**INST307 INTERFACING (15 CPs. Sem. I. Be.) BIN307 Mr Mal Haysom**

Examinations are made of serial character codes, hardware, 20 mA loop, EIA232 et al and other encoding techniques, Manchester etc., dedicated hardware, bus transceivers, UARTS, the IBM UART, polled and interrupt communication, Centronics, IEEE488, protocols, error detection, eye diagrams and the layer concept. In PC Interfacing the use of PC interface cards and low-level coding is studied, along with C language programming of real world input/output operations on an IBM PC. There is revision of ANSI C, common DOS extensions to ANSI C, input/output functions, streams and handles, BIOS and DOS functions, and analogue and digital input/output cards.

*Prerequisite:* BEL203, BEL204.

*Class requirements:* six hours per week.

*Assessment:* 3-hour theory examination (60%), laboratory work and assignments (40%).

**Prescribed reading:**

Boston Technical Books. *PC instrumentation for the 90s*.

**INTEGRATED PRACTICUM (20 CPs. Sem. I & II. Be.) BPM5I Dr Dixie Blanksby**

Practical application of skills developed by the course is a key component of this Diploma. This component enables students to apply knowledge and skills gained throughout the course.

*Prerequisite:* generally BES5ISE.

*Class requirements:* a minimum of 90 hours.

*Assessment:* case study (10%), assignment (90%).

**INTELLECTUAL PROPERTY LAW (15 CPs. Sem. II. Be.) BLAWIPL Mr Barry Phillips**

(This subject replaces *The Law of Property* and alternates each year with *Property Law*).

Students will study the nature and the application of the different forms of intellectual property being copyright, patents, trade marks, designs and confidential information. In particular, a study is made of the problems relating to the protection of computer software and the copyright and trademark implications relating to the Internet. Included in the subject will be a consideration of the justification for the protection of intellectual property and of the benefits of commercialising intellectual property rights.

*Prerequisite:* BLAWBL.

*Class requirements:* 3-hour seminar per week.

*Assessment:* 5,000 word research essay (100%).

**Prescribed reading:**

Golvin, C. (1992) *An Introduction to Intellectual Property Law*. The Federation Press, Sydney, or

McKeough, J. and Stewart, A. (1997) *Intellectual Property in Australia*. 2nd edn, Butterworths, North Ryde.

**INTERACTIVE TECHNOLOGIES (20 CPs. Sem. I. Be.) BES4IT Mr Les Lyons**

Students examine a range of issues central to the selection and use of learning technologies in educational settings and participate in workshop activities to enhance both knowledge of and skills for using the technologies. The program includes learning theories, research findings, commercial products, educational applications, teacher-developed software, student activities, teacher roles, organisation, the internet, desktop publishing, presentation software, communications technologies, assessment and evaluation.

*Prerequisite:* Bachelor of Teaching.

*Class requirements:* four hours per week.

*Assessment:* position paper (10%), Software skills development and analysis (40%), major class room application project (50%).



**INTERMEDIATE ECONOMIC THEORY 2 (15 CPs. Sem. I. Be.)****BECOIET2 Mr David Reimers**

This subject will focus, at an intermediate level, on topics introduced in basic macroeconomics and microeconomics. Elementary economic principles will be extended and when appropriate, analysed. Mathematical analysis will be used where appropriate. Basic calculus rules will be introduced in an economic context, assuming no prior knowledge.

The major topics include: Using calculus in economics, indifference curves and isoquant analysis, producer and consumer equilibrium. No prior knowledge of calculus is assumed.

**Class requirements:** three hours.

**Prerequisite:** BECOMI1 AND BECOMA1.

**Assessment:** tests and examination.

**Prescribed reading:**

James, D.E. and Throsby, C.D. *Introduction to Quantitative Methods in Economics*, Wiley, 1973.

**INTERNATIONAL BUSINESS POLICY (15 CPs. Sem. II. Be.)****BMGTXIBP Dr John Pacher**

This subject provides students with a framework for international business and for the role of the manager in an international setting. It covers the nature of international business; the international business environment (cultural, economic, legal and political); forms of international business involvement; global business policies and strategies; policy and strategy implementation – organisation and control, functional management and operations; and ethics in international business operations.

**Prerequisite:** entry to the Bachelor of Business (Honours) in Accounting.

**Class requirements:** 3-hour seminar.

**Assessment:** cumulative assessment (100%). Students will be assessed on class participation and presentation, case studies and project.

**INTERNATIONAL ECONOMICS 3 (15 CPs. Sem. II. Be.) BECOIE3 Dr****Andrzej Solecki**

This subject explores the basic theoretical principles governing international trade and applies these principles to the problems of balance-of-payments disequilibrium and adjustments, especially in relation to recent Australian experience. Attention is paid to certain international economic issues and in light of these issues, an attempt is made to formulate appropriate trade policies for Australia. Major topics include theories of international trade, trade and commercial policies, foreign exchange and the adjustment process and specialised topics on key international issues.

**Prerequisite:** BECOMI1 and BECOMA1.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and examination (100%).

**INTERNATIONAL RELATIONS (15 CPs. Sem. II. Be.) BDP23IR Dr****Nigel Christie**

This subject focuses on key issues and paradigms in the study of international relations. A wide range of issues are canvassed, including security, human rights, refugees, peacekeeping, tourism, cultural imperialism, environmental preservation, arms transfers and economic independence.

**Prerequisite:** Development Politics.

**Class requirements:** 3-hours of seminars per week.

**Assessment:** one 1,500 word article review (20%), two 2,000 word essays (40% each).

**INTERNSHIP RURAL COMMUNITY DEVELOPMENT (20 CPs. Be)****BRCD23IN Ms Yola Collins.**

Not available in 2000.

**INTRO TO HUMAN DEVELOPMENT (15 CPs. Sem. I. Be., Mi.)****BES2IHD Ms Lyn Taylor**

This subject is an examination of issues concerning cognitive and language development, personal social and moral development and learning abilities and exceptionality. Theorists such as Piaget, Vygotsky, Erikson, Gardner and Sternberg are examined. A particular emphasis is an examination of the theoretical stance of the key learning areas.

**Class requirements:** four hours per week.

**Assessment:** a tutorial presentation (10%), a tutorial paper (30%), a tutorial presentation (10%) and an examination (50%).

**Prescribed reading:**

Woolfolk, A. E. (1995) *Educational Psychology*, 5th edn, Boston, Allyn & Bacon.

**INTRODUCING RELIGIOUS STUDIES (15 CPs. Sem. I. Be.) BPR1IRS****Dr Harry Oldmeadow**

An introduction to the academic and comparative study of religion, religions and religious phenomena. The unit starts with a considera-

tion of some general theoretical and methodological issues and then proceeds through three modules focusing on the study of primal, mythological religions, the understanding of sacred texts, and the psychological perspective on religion as found in the pioneering work of William James. The unit introduces some of the themes and concerns which are studied in greater depth later in the Philosophy and Religious Studies sequence. Illustrative material and case studies will be drawn from primal cultures such as those of the Australian Aborigines and the Plains Indians of North America, and from the great historical religious traditions of both East and West.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial, per week.

**Assessment:** research essay (40%), class test (20%), examination (30%), participation (10%).

**Prescribed reading:**

Unit Anthology: James, W. (1985) *The Varieties of Religious Experience*, Penguin.

**INTRODUCTION TO APPLIED SOCIAL SCIENCE (15 CPs. Sem. I. Be.)****BSR1ASS Ms Yola Collins**

In this subject students will develop an understanding of the basic issues which underpin social research in the social sciences in the widest possible sense. The subject is divided into three modules: the first module introduces the students, in a practical way and drawing on current issues, to the purpose of social research. It then seeks to develop in students an understanding of societal structures. The subject then considers the contribution of social research to the applied social sciences. Topics covered will include: the foundations of social research, basic and applied approaches to social research, the uses of social research in vocational contexts, and the social research skills required by social science professionals. The third module is designed to be an introduction to social and development planning for communities and regions. Topics include: evolution of development theory and practice; ecological, economic and social implications of current development planning options; and planning strategies and institutional structures for community economic development.

**Assessment:** 1.5-hour exam (30%), 500-word assignment and presentation (20%), 1,500-word assignment (40%), tutorial participation (10%).

**Recommended reading:**

Per Raberg, G. (ed) (1997) *The life region: The social and cultural ecology of sustainable development*, Routledge.

Saeed, K., (1994) *Development planning and policy design: a system dynamics approach*, Aldershop.

**INTRODUCTION TO COMPUTING (15 CPs. Sem. II. Be.) BIAOIC Mr****John McCullagh**

This subject covers Computer terminology – disk operating system and commands for controlling file organisation. Create, edit and print documents. Use a variety of software packages.

**Class requirements:** four hours per week.

**Assessment:** cumulative assessment and examination (100%).

**INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (15 CPs.****Sem. I. Be.) BITGIS Mr Peter Somerville**

This subject provides an introduction to the design, implementation, and use of geographic information systems (GIS). It also provides a working knowledge of the principles and terminology of Geographic Information Systems, including information and decision making, spatial information, introduction/review of database theory, GIS data structures, data capture, manipulation of spatial data and spatial operations and applications of GIS and GIS software.

**Class requirements:** two hours of lectures and two hours of tutorials per week.

**Assessment:** 3-hour examination (50%), and assignments (50%).

**INTRODUCTION TO MARKETING (15 CPs. Sem. I & II. Be.)****BMARKITM Mr Mehdi Taghian**

Students are introduced to the role of marketing within the firm and within its broader context. Strategic guidelines to problem solving and decision making in a marketing environment are introduced. The content encompasses such topics as marketing in the economy, the role of management and marketing strategy, the consumer, buyer behaviour, marketing research, product development and policy, distribution strategy, price strategy and promotion techniques.

**Class requirements:** three hours per week.

**Assessment:** mid-semester test (10%), 2,500-3,000 word major assignment (30%), 3-hour examination (60%). Students must achieve at least 50% on the final examination as well as an overall total of 50% to pass the subject.



**Prescribed reading:**

Stanton, W. J., Miller, K. E. and Layton, R. A. (1994) *Fundamentals of marketing*, 3rd Aust. edn McGraw-Hill, Sydney.

**INTRODUCTION TO MARKETING FOR TOURISM AND HOSPITALITY (15 CPs. Sem. II. Be.) BMARITH Mr Mehdi Taghian**

Students are introduced to the role of marketing within the firm and within its broader context. Strategic guidelines to problem solving and decision making in a marketing environment are introduced. The content encompasses such topics as marketing in the economy, the role of management and marketing strategy, the consumer, buyer behaviour, marketing research, product development and policy, distribution strategy, price strategy and promotion techniques.

**Incompatible subject:** BMARKITM.

**Class requirements:** three hours per week.

**Assessment:** mid semester test (10%), 2,500-3,000 one major assignment (30%), 3-hour examination (60%). Students must achieve at least 50% on the final examination as well as an overall total of 50% to pass the subject.

**Prescribed reading:**

Stanton, W. J., Miller, K. E. and Layton, R. A. (1994) *Fundamentals of marketing*, 3rd Aust. edn, McGraw-Hill, Sydney.

**INTRODUCTION TO PSYCHOLOGY 101 (15 CPs. Sem. I. Be., Mi.) BPY101 Dr Sue Jeavons**

*This is not an APS accredited course of study and completion cannot be counted towards membership of the Society, or registration as a psychologist.*

This subject provides an introduction and a framework for further study in psychology. The subject considers the roles that psychologists play and the work that they perform, the history of psychology, the methods used by psychologists, the biological basis of behaviour, psychological development, states of consciousness, sensation and perception, learning and memory.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial presentation (20%), essay (30%), 2-hour examination (50%).

**INTRODUCTION TO PSYCHOLOGY 102 (15 CPs. Sem. II. Be., Mi.) BPY102 Dr Sue Jeavons**

This subject considers basic motives, emotion, mental abilities and their measurement, personality and assessment, abnormal psychology, health psychology, social interaction and attitudes. Research methods are also outlined.

**Prerequisite:** BPY101.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial presentation (20%), essay (30%), 2-hour examination (50%).

**INTRODUCTION TO PSYCHOLOGY 111 (15 CPs. Sem. I. Be.) BPY111 Dr Jill Francis**

*Only available to Bachelor of Behaviour Science students on the Bendigo campus.*

This subject examines components in psychobiology & neuroscience (introductory lectures on neuroscience, psychophysiology and the genetics and evolution of brain and behaviour).

social psychology, (introduction to social psychology, interpersonal issues, altruism and aggression, interpersonal attraction, social cognition, impression formation, attribution, attitudes and attitude-behaviour links), life span (the science of human development, developmental theories, biological foundations of life and development during infancy and early childhood), cognitive science (general information on the main areas of cognitive psychology, including sensory, short-term and long-term memories, forgetting, language and thought) and the history of psychology, together with an introductory coverage of philosophical issues in psychology.

**Class requirements:** three 1-hour lectures and one 3-hour practical.

**Assessment:** 2-hour examination (50%), 1,500-word assignment (30%), two, 1,000-word practical reports (20%).

**Prescribed reading:**

Coakes, S. J. and Steed, L. G. *SPSS Analysis without anguish: versions 7.0, 7.5, 8.0 for windows*. Brisbane: Jacarandah Wiley Ltd. Stanovich, K. *How to think straight about psychology* 5th edn, NY: Longman.

**INTRODUCTION TO PSYCHOLOGY 112 (15 CPs. Sem. II. Be., Mi.) BPY112 Dr Jill Francis**

*Only available to Bachelor of Behavioural Science students on the Bendigo campus.*

This subject examines components in Models of Mental Health which introduces ways in which different groups conceptualise

mental health. Measurement of Psychological Phenomena provides a basic understanding of the historical and statistical foundations of contemporary practice in the measurement of psychological phenomena. Development of an understanding of the historical, philosophical and epidemiological foundations of health psychology and an introduction to human variability, the nature-nurture debate, measurement of intelligence and personality theories.

**Class requirements:** three 1-hour lectures and one 3-hour practical per week.

**Assessment:** 2-hour examination (50%), 1,500-word assignment (30%), two 1,000-word practical reports (20%).

**Prescribed reading:**

Coakes, S.J. and Steed, L.G. (1999). *SPSS Analysis without anguish: versions 7.0, 7.5, 8.0 for windows*. Brisbane: Jacarandah Wiley Ltd. Stanovich, K. (1998). *How to think straight about psychology* 5<sup>th</sup> edn, New York: Longman.

**INTRODUCTION TO SOCIOLOGY POLITICS AND CULTURE 101 (15 CPs. Sem. I. Be.) BSPC101 Mr Ian Tulloch**

This subject introduces students to a range of concepts, issues and perspectives for the study of society, politics and culture. The subject begins with a general overview of the processes of socialisation and social reproduction in Australian society. Key dimensions of Australian social, political and cultural life are then considered in detail. Topics covered will include class, gender, work, politics, the state, and political culture.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial per week.

**Assessment:** one 2,000-word essay (40%), one 1,000-word essay (30%), one 1,000-word tutorial paper (20%), tutorial participation (10%).

**Prescribed reading:**

Haralambos, R., Van Krieken, R., Smith, P. and Holborn, R. *Sociology: Themes and Perspective*: Australian Edition, Longma.

**INTRODUCTION TO SOCIOLOGY POLITICS AND CULTURE 102 (15 CPs. Sem. II. Be.) BSPC102 Mr Gerry Gill**

This subject examines issues of progress and evolution in historical sociology and considers the emergence and reproduction of gender and class inequalities in different societies. The subject seeks to promote understanding of the interaction of cultural, technological and social change, with particular reference to the importance of communications media in social and cultural reproduction and change.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial per week.

**Assessment:** one 2,000-word essay (40%), one 1,000-word essay (30%), one 1,000-word tutorial paper (20%), tutorial participation (10%).

**Prescribed reading:**

Sanderson, S. *Macrosociology; An Introduction to Human Societies*, Third Edition, Harper Collins: New York.

**INTRODUCTION TO TEACHING (15 CPs. Sem. II. Be., Mi.) BES1TCH Dr Jennifer O'Shannessy**

This subject assists students to develop of a wide range of teaching and instructional strategies. The basic elements of classroom management and learning strategies are considered. Students are introduced to instructional media and the use of learning technologies.

**Class requirements:** two 1-hour lectures, a one 1-hour tutorial and a 1-hour workshop, per week.

**Assessment:** tutorial presentation and participation (20%), journal of observations and insights plus summary essay (30%), educational technology workshop activities folio (25%) examination (25%).

**Prescribed reading:**

Cole, P. and Chan, L. K. S. (1996) *Teaching Principles and Practice*, Prentice Hall, Sydney.

**INTRODUCTION TO TOURISM & HOSPITALITY STUDIES 1: (15 CPs. Sem. II. Be.) BITHS1 Mr Ian Ping**

This subject is designed to provide students with a comprehensive overview of the tourism and hospitality industry in Australia. The initial task is to create an awareness of the breadth of the industry and of the interests and activities it encompasses. Students will examine various components of the industry with a particular focus on the nature of its organisation and on the sort of data and information it generates. Contemporary issues and guest speakers form part of a flexible curricula that seeks to provide a base from which the student can make informed choices for later studies in the course. **Campus of offer:** Goulburn Oven TAFE (Shepparton), Mt. Buller, Northern TAFE (Preston), William Angliss TAFE (Melbourne) Bendigo Regional Institute of TAFE (Bendigo).

**Class requirements:** two 1-hour lectures, and one 1-hour tutorial per week.

**Assessment:** 1-hour final examination (50%), 1-hour in-class test (10%), tutorial presentation (10%), one 1,000 word research report (30%).

**INTRODUCTORY ANATOMY (15 CPs. Sem. II. Be., Mi.) BPE11A Dr Ashley Woodcock**

*This subject is a prerequisite for the second-year general studies subjects, Biomechanics and Exercise Physiology as well as the fourth-year subject, Sports Medicine.*

A series of lectures and practical laboratory classes examine the structure, functions and interrelationships of the major anatomical and physiological systems of the human body related to movement. Emphasis is placed on basic terminology, the basis of structure and function and the skeletal, muscular and circulo-respiratory systems. **Class requirements:** four hours per week.

**Assessment:** laboratory assignments (40%), a 1.5-hour mid-semester test (30%), and a 1.5-hour end of semester examination (30%).

**INVESTIGATION (14.5 CPs. Sem. I. Be.) BEN5INV Dr John Russell**  
5<sup>th</sup> year subject will be offered for the last time in 2000.

This is a detailed investigation of a topic related to the course, with a report of 8,000 to 10,000 words. Topics located in industry dealing with real world problems are encouraged.

**Prerequisite:** completion of the engineering subjects to the end of semester six.

**Class requirements:** five hours per week.

**Assessment:** continuous assessment. (100%).

**INVESTIGATION (15 CPs. Sem. I. Be.) BEN4INV Dr John Russell**

This is a detailed investigation of a topic related to the course, with a report of 8,000 to 10,000 words. Topics located in industry dealing with real world problems are encouraged.

**Prerequisite:** completion of the engineering subjects to the end of semester six.

**Class requirements:** five hours per week.

**Assessment:** continuous assessment and final report (100%).

**ISLAM AND THE WEST (20 CPs. Sem. II. Be.) BPRD23IW Mr Rod Blackhurst**

This subject aims to acquaint students with the main features of Islam as a religious and social creed by introducing them to the Qur'an, the 'Traditions of the Prophet', Islamic philosophical and mystical literature and Islamic art. It will develop an understanding of the position of Islam in the religions of the world and particularly its relationship with the other Semitic religions, Christianity and Judaism. It will deepen students' appreciation of the debt of the West to Islamic civilisation in the fields of science, philosophy and literature and especially as transmitter of the Graeco-Roman heritage. It will help students appreciate the basis of the historical Islam-West antipathy and to promote greater understanding of this antipathy as it continues to manifest in the contemporary world.

**Prerequisite:** completion of a first year program of study.

**Class requirements:** 3 5 hours per week : alternating 3 hrs lectures one week, and 2 hrs lecture and 2 hrs seminar-tutorial the other week.

**Assessment:** 2,500 word research essay (50%), short-answer class test (20%), short answer class test (20%), participation (10%).

**ISSUES ASIA-PACIFIC BUSINESS (15 CPs. Sem. II. Be.) BECOXIAP Dr Genevieve Thomson**

The subject is part of the Accounting Honours program and provides students with an understanding of Australia's economic, financial, business, legal, political and cultural linkages with the Asia-Pacific region with particular emphasis on selected countries from north-east Asia and South-east Asia.

It looks at regional policies for encouraging foreign trade and investment and identifies business opportunities in the Asia-Pacific region and problems associated with developing such opportunities. Case studies of Australian firms currently engaged in successful business ventures in the Asia-Pacific region will also be undertaken.

**Prerequisite:** Entry to the Bachelor of Business (Honours) in Accounting.

**Class requirements:** 3-hour seminar for one semester.

**Assessment:** seminar presentation, essay and examination (100%).

**ISSUES IN EDUCATION (15 CPs. Sem. II. Be., Mi.) BES3HE Dr Michael Faulkner**

This is a subject in the social foundations of education. Issues include integration/inclusiveness, multicultural education, current curriculum issues and educational technology.

**Class requirements:** four hours per week.

**Assessment:** assignments (60%), examination (40%). The assignments will comprise 2 tasks with a total word equivalent of 2,500 words.

**ISSUES IN FINANCE (15 CPs. Sem. I. Be.) BACCXIF Dr Genevieve Thomson**

This subject is part of the Accounting Honours program and provides students with the opportunity of an in-depth study of aspects of financial management and contemporary financial issues. Topics include: the nature and methodology of finance and portfolio theory research; efficient market hypothesis and the CAPM; extensions of the CAPM, Arbitrage Pricing Model; option, futures and hybrid securities – pricing models, security valuation; mergers and takeovers, financial strategy; international finance and FOREX.

**Prerequisite:** Entry to the Bachelor of Business (Honours) in Accounting.

**Class requirements:** 3-hour seminar for one semester.

**Assessment:** seminar presentations and participation, assignments and examination (100%).

**ISSUES IN FINANCIAL ACCOUNTING (15 CPs. Sem. I. Be.) BACCXIFA Dr Genevieve Thomson**

This subject is part of the Accounting Honours program and provides students with a framework within which to examine the choices in financial reporting methods, and to study the issues involved in the measurement of the elements of financial statements. Topics covered include: the nature of Accounting theory – nature, construction and verification of accounting theory, descriptive and prescriptive theories, empirical research in accounting; current issues in financial accounting selected from the conceptual framework and accounting standard setting process; measurement theory and the valuation of assets and liabilities; accounting for government and not-for-profit entities; social accounting and related issues; ethical considerations in accounting.

**Prerequisite:** Entry to the Bachelor of Business (Honours) in Accounting.

**Class requirements:** 3-hour seminar for one semester.

**Assessment:** seminar presentations and participation, assignment and examination (100%).

**ISSUES IN SPECIAL ED (20 CPs. Sem. I. Be.) BESSISE Dr Dixie Blanksby**

This subject provides an academic overview of the philosophical and practical issues which face practitioners, in schools and in the wider community, as they address human diversity. The subject structure, rather than explore the issues in depth, introduces them in order to provide a broad contextual basis for the elected areas of study.

**Class requirements:** equivalent of four hours per week, this could include full day classes during weekends or school vacations.

**Assessment:** case study (10%), 5,000 word assignment (90%).

**IT TOPICS FOR MANAGEMENT (15 CPs. Sem. II. Be.) BIMITM Mr John Olle**

*Offered subject to sufficient enrolments.*

This subject covers trends and issues in computer hardware, software and data communications, trends and issues in information system development (planning, design, construction and maintenance, acquiring IT, information engineering, end-user computing, out sourcing), IT as a resource (data management, computer security and disaster planning), IT as a corporate advantage (electronic commerce, trans-national issues), managing IT within the organisation (office automation, the proliferation of IT, de-skilling, multi-skilling and training, health, safety and job design considerations), the Internet as a management tool.

**Prerequisite:** approval of the School's Honours or Higher Degrees committees.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment (100%).

**JUNIOR SCIENCE TEACHING METHOD (20 CPs. All year. Be.) BSE5SM**

This subject considers areas that are directly applicable to teaching science in years seven to 10. Areas discussed include, philosophy and strategies of Victorian science curriculum and standards framework, introduction to junior science curriculum materials, learning theories and science teaching, constructivism and other strategies, primary-secondary transition with respect to science concepts and skills, writing and using objectives, and learning outcomes. Also discussed are assessment methods for different teaching strategies (check lists, laboratory work, skills and attitudes), lesson planning, and writing teaching units, safety and legal responsibility in science teaching, organisation of the laboratory, demonstration and audio visual aids in science teaching, simulation games and role playing, excursions (value and organisation), planning a science program, resources, materials, institutions (zoos, museums, industries), computers and science teaching, and CD-ROMs.

**Prerequisite:** sub-major study in general science or a specific science discipline, or one part of any two science subjects from which a sub-major may be developed, in an approved degree.

**Class requirements:** two hours per week.

**Assessment:** reflective journal (20%), literature review (40%) and CSF unit (40%).

**KNOWLEDGE FOR PRACTICE 2 (30 CPs. All year. Be.) 15621B Ms Fiona Gardner**

The two components that comprise the subject for second year students are program design and evaluation and human service organisations. The focus in the first component is on the conceptualisation and design of human service programs, inclusive of plans for monitoring implementation and evaluating the outcome of programs. Students are required to report on individual research and contribute to a group submission. As most social workers are employed by human service organisations, the focus of the second component is on how and why these organisations function as they do, the impact of functioning on staff and clients alike and possible strategies for addressing organisational issues.

**Class requirements:** two two-hour seminars a week in semester one and one one-hour seminar a week in semester two.

**Assessment:** assessments for each of the two components (100%). Assessments for some components are made in groups of three or four students.

**LAW AND ETHICS IN HEALTH (15 CPs. Sem. I. Be.) BHS2LEH Ms Helen Keleher**

*This subject is taught in Block Mode delivery.*

This subject introduces students to legal and ethical concepts relevant to public health in the Australian context. While the two components are taught separately, the issues covered will have common ground. Students have opportunities to think analytically about public health issues from different, yet complementary, perspectives.

**Class requirements:** three hours per week.

**Assessment:** tests (40%), law paper (30%), ethics paper (30%).

Students will complete two tests each worth 20% each.

**LEARNING, MOTIVATION AND COGNITION (15 CPs. Sem. II. Be.) BPY2LMC Dr Graeme Galloway**

Students are introduced to the phenomena of human cognition. The history of theoretical and experimental investigations of cognition, the current state of the art and the relevance of such studies to the rapidly developing area of cognitive science are dealt with. Students also gain experience in the design and analysis of research in this area. Topics covered include perception and attention, short term, semantic and episodic memory, language and thinking, reasoning and problem solving, cognitive development and neuro-cognition.

**Prerequisite:** BPY2LSP.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial per week.  
**Assessment:** 1,500-word essay (50%), 2-hour examination (50%) and a compulsory tutorial presentation.

**Prescribed reading:**

Ashcraft, (1994) *Human memory and cognition* 2nd edn, Harper Collins.

**LEISURE STUDIES (15 CPs. Sem. I. Be., Mi.) BPE1LS Mr Gary Crouch**

This subject enables students to examine the background, scope and role of recreation in Australian society. By completion of the subject students should have a philosophical understanding of the concepts of recreation and leisure.

**Prerequisite:** Physical Education Discipline Studies strand.

**Class requirements:** four hours per week.

**Assessment:** examination (40%), assignment (20%), field investigation (10%) and tutorial participation (30%).

**Prescribed reading:**

Parker, S. and Paddick, R. (1996) *Leisure in Australia*, Melbourne, Longman Cheshire.

**LIFE IN SCHOOL (20 CPs. Sem. I. Be.) BES4LS Mr Tony Potts**

This subject examines interactionist research on schools and provides an opportunity for students to conduct a school-based research project.

**Prerequisite:** Bachelor of Teaching.

**Class requirements:** 60-hours, normally run as a vacation school.

**Assessment:** case study (50%), examination (50%).

**LIFE SCIENCE 1 (15 CPs. Sem. I. Be.) BBI1LS1 Dr Tom Burton**

Students are provided with the opportunity to acquire a fundamental understanding of human life processes. It introduces students to the structure and basic function of human organ systems, biological chemistry and microbiology. Areas covered include nutrient atoms, ions and molecules, organic processes, enzymes, cells, microbiology, tissues, a tour of organ systems, skin, bone, skeleton, muscles, nervous systems, special senses, endocrine, immune, respiratory, digestive, cardiovascular, urinary and reproductive systems.

**Class requirements:** 52-hours per semester.

**Assessment:** 2-hour examination (75%), practical write-up (25%).

**LIFE SCIENCE 2 (15 CPs. Sem. II. Be.) BBI1LS2 Dr Adrian Verrinder**

Students have the opportunity to investigate the integration and regulation of the human body. The subject looks at the physiology and physiological interactions of the nervous, endocrine, cardiovascular, respiratory and urinary systems and pharmacological manipulation. Lectures also cover homeostasis, neurophysiology, PNS, sensory and reflex, special senses, the central and autonomic nervous systems, neural integration, endocrines, cardiovascular, pharmacology, respiratory and the urinary system acid base balance.

**Prerequisite:** Bachelor of Nursing students must have satisfactorily completed all first semester subjects.

**Class requirements:** 52-hours per semester.

**Assessment:** 2-hour examination (75%), practical write-up (25%).

**LIFE SCIENCE 3 (15 CPs. Sem. I. Be.) BBI2LS3 Dr Michelle Gibson**

Students have the opportunity to investigate the maintenance and support mechanisms of the human body. This subject looks at the significance of the skeleton, joints, muscle, blood, the immune, reproductive and digestive systems, metabolism and nutrition. Lectures cover gross/regional anatomy, the skeleton, joints and their problem, muscle tissue, muscle action, skeletal muscle anatomy, haematology, immunology, the reproductive system, pregnancy/development, heredity, the digestive system and nutrition and metabolism.

**Prerequisite:** Bachelor of Nursing students must have satisfactorily completed all first-year subjects.

**Class requirements:** 39-hours per semester.

**Assessment:** 2-hour examination (60%), practical write-ups (10%), 1,000-word assignment (30%).

**LIFESPAN AND SOCIAL PSYCHOLOGY (15 CPs. Sem. I. Be.)**

**BPY2LSP Ms Sandra Tunley**

Areas covered are development from infancy to old age, how humans respond when placed in a deprived environment and self-understanding and self-awareness in relation to the physical and social environment. Traditional and contemporary theories of development are addressed, along with critiques of those theories. Also examined are theories as explanations of social behaviour, role, Gestalt, field and psychoanalytic theories. Development of the self and social influences on the self-perception theory. A study is also made of attitude formation, components and functions of attitudes, attitude change and prejudice, communication studies, persuasion studies, conformity, Sherif, Asch and Crutchfield studies, factors affecting conformity, social comparison theory, conformity and personality factors. A component on compliance examines self-perception, self-esteem and compliance, obedience, Milgram studies, conformity and obedience in other societies, controversies over Milgram's research and the authoritarian personality. Helping behaviour, processes that undermine field studies, the motivation to help and situation constraints on helping are also examined.

**Prerequisite:** BPY102.

**Class requirements:** two 1-hour lectures and one 1-hour tutorial.

**Assessment:** 2-hour examination (40%), tutorial presentation (10%), essays (50%) Students will complete two 1,500 word essays (25% each).

**Prescribed reading:**

Argyle, M. and Colman, A.M. (ed.) (1995) *Social psychology*. London: Longman.

Bryant, P.E. and Colman, A.M. (eds) *Developmental Psychology*. London: Longman, 1995.

**LINEAR ALGEBRA (15 CPs. Sem. II. Be.) BMATHLA Dr Christopher Lenard**

*Linear Algebra is offered only in odd-numbered years.*

Linear algebra is one of the fundamental themes in mathematics, with its importance stemming from its persuasiveness throughout the discipline. The study of matrices and systems of linear equations is continued from previous subjects. In particular, the relation between row-reduction, Gaussian elimination and matrix factorisation is explored, while simple iterative methods are also introduced. Vector spaces generalise the familiar notions of point, line and plane and provide an introduction to axiomatic systems. Basic properties such as basis, dimension, linear independence and eigenvalues of linear transformations are studied. Emphasis is given throughout to the synthesis of geometry, algebra, and analysis, as well as applications outside mathematics proper.

**Prerequisite:** BMATHCA3.

**Class requirements:** four hours per week.

**Assessment:** 72-hour take home examination (55%), tests (30%), assignment (15%).

**Prescribed reading:**

Lay, D. C. (1997) *Linear Algebra and its Applications*, 2nd edn, Addison-Wesley, Reading.

**LITERACY & DIVERSITY (20 CPs. Sem. I. Be.) BEE4LAD Dr Dixie Blanksby**

This subject can be taken as an elective within the series Issues in Multicultural Australia, Race and Racism, ESL Acquisition Theory and ESL for Classroom Teachers. It can also stand alone. Subject components include: Literacy and social justice, poverty and compensatory education. Becoming a literacy teacher in diverse communities (ethnic, socio-economic, cultural). Teaching literacy in disadvantaged schools. Teaching literacy in rural schools. Critical literacy. Classroom programs for assisting at risk readers and writers. Monitoring individual progress and strategies for intensive instruction. This unit has a practical component of intensive instruction in primary and junior secondary schools.

**Class requirements:** four hours per week.

**Assessment:** case study (10%), 5,000 word equivalent assignment (90%).

**LITERACY EDUCATION A (15 CPs. All year. Be., Mi.) BEE1LEA Ms Sarah Mayor Cox**

This compulsory subject introduces studies in language education through modules considering the nature and structure of language, literacy acquisition theory, language acquisition literacy acquisition, interactions and environmental influences, schooling and literacy, text structures and story schema.

**Class requirements:** two hours per week.

**Assessment:** learning biography (20%), running records test (20%), tutorial program (30%), examination (30%).

**Prescribed reading:**

Learning Language: An Introduction - collection of readings.

**LITERACY EDUCATION B (15 CPs. Sem. I. Be., Mi.) BEE3LEB Ms Gaelene Rowe**

This compulsory subject includes theoretical concerns and practical issues relating to language and literacy through modules considering the relationships between the four English strands (speaking and listening, reading (and viewing), writing), an examination of the four sub-strands in the national and state English key learning area (texts, contextual understanding, linguistic structures and features and strategies). Current curriculum documents and literacy programs, e.g. Early Years (Vic.) and First Steps (WA.), will be examined for use in planning, implementing and evaluating literacy learners and programs. Current issues in literacy learning and teaching and language and literacy in different contexts, e.g. E.S.L. and rural literacy, will be debated.

**Prerequisite:** BEE1LEA.

**Class requirements:** four hours per week.

**Assessment:** reading log (50%), examination (50%).

**Prescribed reading:**

Anstey, M. and Bull, G. (1996) *The Literacy Labyrinth*, Prentice Hall, Sydney.

**LITERACY EDUCATION C1 (20 CPs. Sem. I. Be.) BES4EAT Dr Michele de Courcy**

This unit develops a framework for describing what is currently known about second language acquisition and second language learners. Close attention is given to the findings of research and the significance of these findings for modern second language theory and practice. The unit is designed as an advanced study for students who already have a sound knowledge of language acquisition theory, or for teachers of English as a second Language or LOTE.

**Prerequisite:** study of language acquisition at undergraduate level.

**Class requirements:** three hours per week.

**Assessment:** 1,000-1,500 word article (25%), class presentation (25%), major research paper (50%). The major research paper will be on a case study of an ESL/LOTE learner and his/her 'inter-language'.

**Prescribed reading:**

(for MArts students) Ellis, R. (1986) *Understanding second language acquisition*, Oxford. Oxford University Press.

(for BEd students) Lightbown, P and Spada, N. (1995) *How languages are learned*, Oxford, Oxford University Press.

**LITERACY EDUCATION C2 (20 CPs. Sem. II. Be.) BES4ET Ms Gaelene Rowe**

This unit focuses on the language related learning needs of children from diverse cultural and linguistic backgrounds. It seeks to examine issues related to the interdependence of culture and education and philosophies of teaching and learning, -language and literacy. Issues relate to learning styles, communication and human relational styles,

incentive-motivational styles and the role of mainstream teachers in meeting the needs of ESL learners. Practical strategies for assisting ESL learners with reading, writing and oral language skills across the curriculum and experience in the development of a culturally inclusive curriculum and use of classroom materials are also included.

**Prerequisite:** BEE3LEB.

**Class requirements:** four hours per week.

**Assessment:** cultural profile (30%), literature review (40%), reflections on reading (30%).

**Prescribed reading:**

Department of Education and Children's Services, (1990) *ESL in the mainstream teacher development course*, South Australia.

**LOGIC (15 CPs. Sem. I. Be.) BPR1LOG**

This subject provides students with a grounding in the tools and concepts of logic. Issues covered include the nature and status of deduction and induction, the goals and techniques of definition, types of utterances, types of argument, the nature of explanation, consideration of dilemmas, paradoxes and fallacies. Both formal and informal logic is considered.

**Class requirements:** three hours per week.

**Assessment:** one, 3-hour examination (100%).

**Prescribed reading:**

Fogelin, R. and Sinnott-Armstrong, W. (1991) *Understanding Arguments* Harcourt Brace Jovanovich.

**LOTE PRACTICUM (20 CPs. Sem. I & II. Be.) BES5LP Mr Des Lowry**

Students undertake supervised teaching practice in a primary or secondary school depending on candidate's academic background and in the case of teachers retraining in LOTE, experience.

**Prerequisite:** two years post VCE LOTE and BES5LTM (can be done concurrently).

**Class requirements:** 22 days.

**Assessment:** supervisor assessment and written reports (100%).

**LOTE TEACHING METHOD (20 CPs. Sem. I. Be.) BES5LTM Mr Des Lowry**

Topics examined include second language acquisition theories and principles, the nature and extent of cultural aspects of language learning and, LOTE policies and programs, both federal and state. LOTE curriculum design, planning implementation and evaluation, pedagogical and assessment strategies, promotion of LOTE in the community, resources and comparison of first and second language acquisition are also covered.

**Prerequisite:** concurrently with, or following BI303, BI304, or other LOTE at an equivalent level.

**Class requirements:** 60-hours.

**Assessment:** curriculum unit (10%), resource project (20%), reflective journal (20%), 1,500 word paper (30%), short-answer tasks (20%).

**MACHINE DYNAMICS (15 CPs. Sem. II. Be.) BEN2MDN Mr Len Taylor**

This subject introduces students to the theory of machine dynamics. Areas covered include kinematics of a particle, rectilinear motion (review, plane motion, rectangular coords, normal and tangential coords, polar coords), kinetics of a particle in plane motion (kinetics of a particle in plane motion using  $F = ma$ , work and energy, impulse and momentum), rigid body kinematics (relative velocity, instant centres, relative acceleration), analysis of mechanisms (degrees of freedom, four bar chains), grashof mechanisms, rigid body kinetics (translation, fixed axis rotation, plane motion - force, mass, acceleration, work and energy, impulse and momentum).

**Prerequisite:** BPH110, BMATHCA2.

**Class requirements:** six hours per week.

**Assessment:** assignments and an examination (100%).

**Prescribed reading:**

Meriam, J. L. and Kraige, L. *Engineering Mechanics, Dynamics*, 4th edn, SI Version, Jacaranda Wiley Ltd.

**MACROECONOMIC CONTROVERSIES 2 (15 CPs. Sem. II. Be.)****BECOMC2 Mr Andrzej Solecki**

This subject introduces students to a number of key macroeconomic theories. The evolution and pros and cons of these macroeconomic theories are highlighted. Major topics include neo-classical synthesis, new-classical economics, free banking, new-Keynesian and post-Keynesian theories.

**Prerequisite:** BECOMI1 and BECOMA1.

**Class requirements:** three hours per week.

**Assessment:** two tutorial presentations and a report (100%).

**MACROECONOMICS 1 (15 CPs. Sem. II. Be.) BECOMA1 Mr David Reimers**

This subject provides an understanding of the basic theoretical concepts involved in the study of macroeconomics and develops an awareness of the various schools of thought as they are applied to interpretations of appropriate policy formulations. The subject considers the practical implications of the foregoing theoretical concepts as they apply to Australian stabilisation policy. Topics include introduction to macroeconomic theory and policy, measuring national production and income, bank behaviour since financial deregulation, the money market, the foreign exchange market, inflation and unemployment, the theory of income determination, current schools of economic thought, fiscal policy, monetary policy and the international economy. This unit is designed for students who wish to understand the macroeconomic environment in which individuals and firms operate.

**Class requirements:** three 1-hour lectures, one 1-hour tutorial/seminar per week.

**Assessment:** 3-hour examination (40%), tests (40%), essay (20%).

**Prescribed reading:**

Coombes, T. and Reimers, D. (1998) *Contemporary Australian Macroeconomics: An Analytical Approach* Longman, Melbourne.

**MACROECONOMICS FOR TOURISM AND HOSPITALITY (15 CPs. Sem. II. Be.) BECOMATH Mr David Reimers**

This subject provides students with an understanding of basic macroeconomic concepts and methodology necessary for understanding and analysing the macroeconomic environment in which the tourism and hospitality industries operate. The subject also provides an awareness of the various schools of economic thought as they are applied to interpretations of appropriate policy formulations. The subject considers the practical implications of the foregoing theoretical concepts as they apply to Australian stabilisation policy. Topics include introduction to macroeconomic theory and policy, measuring national production and income, bank behaviour since financial deregulation, the money market, the foreign exchange market, inflation and unemployment, the theory of income determination, current schools of economic thought, fiscal policy, monetary policy, and the international economy.

**Incompatible subject:** BECOMA1.

**Class requirements:** three 1-hour lectures, one 1-hour tutorial/seminar per week.

**Assessment:** 3-hour examination (40%), tests (40%), essay assignment (20%).

**Prescribed reading:**

Coombes, T. and Reimers, D. (1998) *Contemporary Australian Macroeconomics: An Analytical Approach*, Longman, Melbourne.

**MACRO-SOCIOLOGY (20 CPs. Sem. I. Be.) BSPC23MS Mr Gerry Gill**

In this subject students will study the sociological theories which have attempted to account for the big picture of social change in human history and to orient humankind to the future. The classical theories of social evolution of Marx, Durkheim, Weber, Parsons and Levi-Strauss will be studied before moving on to consider the more recent theories of writers such as Habermas, Sanderson, Mann, Giddens, and Trigger.

**Prerequisites:** BSPC101 and BSPC102.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** 2,1,000-word exercises (40%), tutorial participation and paper (10%), 2,000 word final essay (50%).

**Prescribed reading:**

Sanderson, S. (1998) *Macrosociology*, Longman.

Supplementary readings from the following.

Mann, M. (1986 & 1988) *The Sources of Social Power*, Vols 1 & 2, CUP.

Habermas, J. (1981 & 1987) *The Theory of Communicative Action*, Vols 1 & 2, Beacon.

Trigger, B. (1998) *Sociocultural Evolution*, Blackwells.

**MAJOR PROJECT PART 1 (15 CPs. Sem. I & II. Be.) BITMP1 Mr Chris Cope**

Students (individually and in groups) work on projects that may include the planning, analysis, design, development, documentation and implementation of one or more systems. The project may be internal to the University or in collaboration with industry.

**Prerequisite:** BITDST, BITISD (final year students only).

**Class requirements:** four hours per week.

**Assessment:** project documentation, formal presentation and report (100%).

**MAJOR PROJECT PART 2 (15 CPs. Sem. I & II. Be.) BITMP2 Mr Chris Cope**

Students normally continue the project commenced in Major Project Part 1. See Major Projects Part 1 for all details except for below.

**Prerequisite:** satisfactory completion of BITMP1 in the previous academic period.

**MANAGEMENT ACCOUNTING A (15 CPs. Sem. I. Be., Mi.) BACCMAA Dr Genevieve Thomson**

The aim of this subject is to develop an understanding of the concepts of costing and cost management. The focus is on how accounting information is used in the management of organisations. The primary aim of this subject is to help students become discriminating producers and users of management accounting information. Key topics include nature and behaviour of cost information, costing techniques, traditional and contemporary costing systems, use of standards for planning and control, cost management and role of accounting in organisational strategy.

**Prerequisite:** BACCFA1.

**Class requirements:** two 1-hour lectures, and one 1-hour tutorial per week.

**Assessment:** 3-hour examination (65%), 1,500 word assignment (15%), 30-minute tests (20%). To pass the subject, students must also achieve at least 45% on the examination component of the assessment, as well as an overall mark of at least 50%. Students will complete two tests under examination conditions.

**Prescribed reading:**

Langfield-Smith, K., Thorne, H. and Hilton, R. W. (1998) *Management Accounting – An Australian Perspective* 2nd edn Roseville NSW: McGraw-Hill Book Co. Australia.

**MANAGEMENT ACCOUNTING B (15 CPs. Sem. II. Be.) BACCMAB Dr Genevieve Thomson**

This subject is an extension of Management Accounting A. This subject focuses on the more complex managerial accounting issues. The primary aim of this subject is to familiarise students with how management accounting systems can be designed to support managerial decision-making, planning and control. The subject introduces students to selected topics of current management accounting that build the tools, skills, and knowledge to add value to organisations. Key topics include long-term and short-term managerial decision making, budgeting, quality and inventory management, performance evaluation and strategic management accounting.

**Prerequisite:** BACCMAA.

**Class requirements:** two 1-hour lectures, one 1-hour tutorial per week.

**Assessment:** 3-hour examination (65%), 30 minute tests (20%), 1,500 word assignment (15%). To obtain a pass in this subject, students must obtain a minimum of 45% in the final examination and 50% overall. Students will complete two tests under examination conditions.

**Prescribed reading:**

Kaplan, R. S. and Atkinson, A. A. (1998) *Advanced Management Accounting* 3rd edn, Prentice-Hall, Englewood Cliffs.

**MANDARIN CHINESE A (15 CPs. Sem. I. Be.) BC12MA Dr Li Zhang**

The subject extends knowledge of basic grammar and vocabulary (including reading and writing characters) in preparation for work with original Chinese texts. At the same time oral and aural skills continue to be emphasised. Students begin to use a Chinese dictionary. Various aspects of Chinese culture and society are studied through videos in both Mandarin and English. As well as practising Chinese-English, English-Chinese translation, students begin to compose short passages in Chinese.

**Prerequisite:** BC11CS or an equivalent standard of language competence.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (40%), assignments (20%), classroom participation (10%), tests (20%), 5-minute oral examination. (10%).

**MANDARIN CHINESE B (15 CPs. Sem. II. Be.) BC12MB Dr Li Zhang**

The subject completes the basic training in grammar and continues to develop reading, writing and conversation skills. By the end of semester students should be able to carry on relatively complex conversations and read and write passages of an intermediate level of difficulty.

**Prerequisite:** BC12MA.

**Class requirements:** five hours per week.

**Assessment:** assignments (20%), tests (20%), classroom participation (10%), end of semester examinations (40%) and a five minute oral examination (10%).

**MANDARIN CHINESE C (15 CPs. Sem. I. Be.) BC13MC Dr Li Zhang**

This subject expands the students' vocabulary and understanding of language structures and grammar through extensive readings of



original Chinese works. Materials are drawn from a variety of sources, including Chinese newspapers, journals and books, to cater to the special areas of interest of participating students. Aural and oral skills are developed through the study of Chinese films and videos and writing skills are improved through advanced level translation and composition exercises.

**Prerequisite:** BCI2MB.

**Class requirements:** four hours per week.

**Assessment:** tests (20%), oral examination (10%), written exam (40%), assignments (20%), class participation (10%).

**MANDARIN CHINESE D (15 CPs. Sem. II. Be.) BCI3MD Dr Li Zhang**

This is a continuation of Mandarin Chinese C. Students are introduced to works in complex characters and undertake a translation project. By the end of the subject students are expected to be able to read most modern Chinese materials with the aid of a dictionary and should have reached an advanced level of aural, oral and writing skills.

**Prerequisite:** BCI3MC.

**Class requirements:** four hours per week.

**Assessment:** translation project (40%), oral examination (10%), tests (20%), assignments (20%), class participation (10%).

**Prescribed reading:**

Liu, X. (ed.) (1990) *Practical Chinese Reader*, Book 2 Commercial Press, Beijing.

**MANUFACTURING TECHNOLOGY 1 (15 CPs. Sem. I. Be.) BEN2MNT Mr Ross Anderson**

Students are introduced to manufacturing technology within the total manufacturing system, relationships with design and product requirements. Subject areas include manufacturing processes, material removal processes, economics of machining, polymers in manufacturing, extrusion, injection moulding, an introduction to manufacturing automation, CNC machine tools, an introduction to engineering dimensional metrology, quality in manufacturing, advanced manufacturing technologies, manufacturing technology and the environment and laboratory experiments.

**Prerequisite:** BENICAD, BEN2MMT.

**Class requirements:** four hours of lectures, two hours of tutorial and laboratory work per week.

**Assessment:** 3-hour examination (60%), assignments (20%), laboratory work (20%).

**Prescribed reading:**

Kalpakjian, S. (1995) *Manufacturing Engineering and Technology* 3rd edn, Addison-Wesley.

**MARKETING COMMUNICATION (15 CPs. Sem. I. Be.) BMARKMC Mr Vernon Stubbings**

This subject outlines the elements of the promotional mix in further detail. Topics include marketing communications systems, developing and evaluating advertising, media planning and analysis, management and techniques of personal selling, sales promotion, direct marketing, public relations and self-regulation within the advertising industry.

**Prerequisite:** BMARKITM.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (60%), 2,750 word assignment (25%), tutorial exercise (15%). Students are required to complete all assessment tasks and in addition, a minimum examination grade of 50% must be obtained in order to pass the subject.

**Prescribed reading:**

Belch, G. E. and Belch, M. A. (1998) *Introduction to advertising and promotion: an integrated marketing communications perspective*. 4th edn, Irwin McGraw-Hill Boston.

**MARKETING LAW (15 CPs. Sem. I. Be.) BLAWML Ms Francine Rochford**

This subject examines the way in which the law will affect marketing activities. It commences with an introduction to the legal and administrative framework in which these activities take place, then considers a range of self-regulatory mechanisms. It considers a number of specific legal issues relevant to marketing of products and services, including standards and licensing, consumer protection, intellectual property, promotion through the media and the internet, privacy protection, restrictive trade practices, the consumer credit code and price regulation. The unit is designed to develop students' awareness of issues arising in relation to marketing, to develop capacity to identify issues of compliance with the law, and to develop skills in solving problems arising from those issues and communicating the solution.

**Prerequisite:** BLAWBL1.

**Class requirements:** 3-hour seminar per week.

**Assessment:** assignments (100%). Student will complete two 2,500 word assignments.

**MARKETING RESEARCH (15 CPs. Sem. I. Be.) BMARKMR Mr Graeme Byrne**

This is an introduction to market research, and covers basic information gathering techniques, survey design, simple and multivariate statistical techniques and report compilation.

**Prerequisite:** BMARKITM and BMATHSTM.

**Class requirements:** three hours per week.

**Assessment:** one 3-hour examination (70%), one assignment (30%). The assignment consists of a survey analysis.

**Prescribed reading:**

Burns, A. C. and Bush, R. F. (1998) *Marketing Research*, 2nd edn, Prentice-Hall, Englewood Cliffs.

**MATHEMATICAL STATISTICS 1 (15 CPs. Sem. I. Be.) BMATHMS1 Mr Graeme Byrne**

Using previous studies in calculus, this subject introduces mathematical methods in applied statistics. Topics include probability, random variables and their distributions, some special distributions, function of random variables and sampling distributions.

**Prerequisite:** BMATHCA2.

**Incompatible subject:** BMATHEM, or BMATHSTM.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (70%), assignments (30%). Students will complete two assignments worth 15% each.

**Prescribed reading:**

Miller, I. and Miller, M. (1999) *John E. Freund's Mathematical Statistics*, 6th edn, Prentice-Hall, Upper Saddle River.

**MATHEMATICAL STATISTICS 2 (15 CPs. Sem. II. Be.) BMATHMS2 Professor Terry Mills**

This subject continues the themes developed in Mathematical Statistics 1 or Engineering Mathematics. Topics include review of sampling distributions, estimation and hypothesis testing, regression analysis and analysis of variance.

**Prerequisite:** BMATHMS1 or BMATHEM.

**Class requirements:** four hours per week.

**Assessment:** assignments (100%). Students will complete five assignments each worth 20%.

**Prescribed reading:**

Miller, I. and Miller, M. *John E. Freund's Mathematical Statistics*, 6th edn, (1999) Prentice-Hall, Upper Saddle River.

**MATHEMATICS EDUCATION A (15 CPs. All year. Be., Mi.) BMA1 Mr Steve Tobias**

This subject considers issues related to teaching and learning mathematics in the Primary school. During the program students have the opportunity to develop their understanding of mathematics content areas such as numeration, algebra, chance and data and problem solving.

**Class requirements:** two hours per week.

**Assessment:** 2 assignments (50%), 2 examinations (50%).

**MATHS EDUCATION C1 (20 CPs. Sem. I. Be.) BMA5ME Dr Alan Dudley**  
This subject, part of the Graduate Diploma of Special Education, is also available as a Bachelor of Education subject.

Components include language, reading and attitudinal problems, assessment and diagnosis of mathematical learning, methods of assisting mathematical learning through games and materials.

**Prerequisite:** Bachelor of Teaching.

**Class requirements:** summer school.

**Assessment:** assignments (100%).

**MATHS EDUCATION C2 (20 CPs. Sem. I. Be.) BMA4MC Mr Steve Tobias**

This subject caters for the needs of continuing students and practising teachers. Contemporary issues such as the impact of the National Statement and Curriculum Profiles, the Learning Assessment Project and the Curriculum and Standards Framework, community attitudes towards and beliefs about mathematics, observing, recording and reporting children's learning in mathematics, reviewing and improving current practices in teaching mathematics are addressed. The main focus of the subject centres on teaching and learning approaches in mathematics and how these approaches influence our understanding of children's learning.

**Prerequisite:** a three year Bachelor of Teaching.

**Class requirements:** four hours per week.

**Assessment:** seminar presentation, log book, school based classroom explorations, readings. (100%).



**MATHEMATICS TEACHING METHOD (20 CPs. Sem. I. Be.) BMA5MM**

Mr Steve Tobias

This subject caters for the needs of continuing students and practising teachers. Contemporary issues such as the impact of the National Statement and Curriculum Profiles, the Learning Assessment Project and the Curriculum and Standards Framework, community attitudes towards and beliefs about mathematics, observing, recording and reporting children's learning in mathematics, reviewing and improving current practices in teaching mathematics are addressed. The main focus of the subject centres on teaching and learning approaches in mathematics and how these approaches influence our understanding of children's learning.

**Prerequisite:** a minimum of two years post-secondary study in mathematics.

**Co-requisite:** Integrated Practicum BPM5I.

**Class requirements:** four hours per week.

**Assessment:** log book (50%), journal (50%).

**MATHS, SCI & TECH ED B (15 CPs. Sem. II. Be., Mi.) BSE3STEB**

Mr John Harris

The curriculum areas of mathematics, science and technology are integrated using a problem solving approach which emphasises the contextual application of mathematical techniques to real life investigations. Mathematical topics for the classroom, such as time, visual representation, spatial relations, chance and data and measurement are applied to physical and biological science concept areas and to technology through a design process which makes use of knowledge of materials and technological systems to solve problems, make a product, or communicate information. Practical projects will be an essential part of this subject.

**Prerequisite:** BMA1, BMA1HM, BSE2STEA.

**Class requirements:** two 1-hour lectures and two hours of tutorial, per week.

**Assessment:** maths activity reports (15%), science and technology activity reports (20%), final examination (65%).

**MECHANICAL MATERIALS (15 CPs. Sem. I. Be.) BEN2MMT**

Mr Ross Anderson

Students are introduced to the technology of materials and their application. Subjects covered include material properties, environmental deterioration and failures, case studies in materials selection, ferrous and non-ferrous metals, plastics and composites, failure of materials and ceramics. Laboratory experiments illustrating some of the principles covered in lectures are also carried out.

**Prerequisite:** BEN2MS.

**Class requirements:** 4-hours lectures, two hours of tutorial and laboratory work per week.

**Assessment:** 3-hour examination (60%), assignments (40%).

**Prescribed reading:**

Callister, W. D. Jr (1994) *Materials Science and Engineering*, 3rd edn, Wiley.

Ashby, M. R. and Jones, D. R. H. (1986 and 1988) *Engineering Materials* Vol. 1 and 2, Pergamon Press, Longon.

Ashby, M. R. and Jones, D. R. H. (1986 and 1988) *Engineering Materials* Vol. 1 and 2, Pergamon Press, Longon.

**MECHANICS OF SOLIDS (15 CPs. Sem. II. Be.) BEN2MS**

Mr Brian Coles

This subject presents the fundamental ideas of structural mechanics. Topics covered include force and force systems, equations of equilibrium in two and three dimensions, external and internal forces, free-body diagrams, supports and calculation of reactions, analysis of statically determinate structural systems, truss analysis (method of joints and method of sections), distributed forces, centre of gravity, properties of areas and masses, forces in statically determinate beams, shear and bending moment diagrams, axial and shear stresses, stresses due to axial, bending and shear, combined stresses and torsion of solid and hollow shafts.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (80%), assignments (15%), laboratory work (5%).

**Prescribed reading:**

Popov, (1990) *Engineering Mechanics of Solids*, Prentice Hall.

Schodek, D. (1992) *Structures*, 2nd edn, Prentice Hall.

**MEDIA STUDIES - PRIMARY (20 CPs. Sem. II. Be.) BES4MS**

Mr Les Lyons

Students examine a range of issues central to the planning implementation and evaluation of a media studies program and participate in workshop activities designed to enhance their own media knowledge, skills and appreciation. The program includes study of the language, techniques and styles of film, television, radio, newspa-

pers, magazines, advertising, comics, cartoons, video games, computers, news and infotainment. Areas will be selected for personal development. Participants contribute to the development of a theoretical framework for media studies and devise media pedagogy, classroom activities, teaching strategies, assessment criteria and resources.

**Class requirements:** four hours per week.

**Assessment:** media studies unit of work (50%), workshop activities (30%), and research study (20%).

**MEDIEVAL STUDIES (20 CPs. Be.) BTPR23MS**

Dr Rodney Blackhirst.

Not available in 2000.

**MEDIEVAL WORLD (15 CPs. Sem. II. Be., Mi., Sh.) BHW23MW**

This is an exploration of the culture and traditions of ordinary mediaeval Europeans, rather than those of the social elite. The focus is the family, their daily lives and their attitudes to the world about them. Topics examined include the bonds of marriage, relationships between parents and children, the home and the local community, attitudes to work, amusements and festivals, the natural and supernatural worlds, perception of time before the tyranny of the clock, the role of religion and magic in daily life, attitudes to health and sickness and perceptions of and preparation for death.

**Prerequisite:** successful completion of a full first year program of study. Students taking this unit as part of a history major will need at least one first year history unit.

**Class requirements:** two hours of lectures and 1-hour of tutorial, per week.

**Assessment:** a tutorial paper (20%), an essay (30%), an examination (40%) and tutorial participation (10%).

**Prescribed reading:**

Ladurie, E. (1978) *Le Roy Montailloy*. Harmondsworth.

**MICROECONOMICS 1 (15 CPs. Sem. I. Be.) BECOMI1**

Mr Ian Pinge

This subject provide a basic understanding of the economic theory of price determination under the market structures of perfect competition, monopolistic competition, oligopoly and monopoly. By applying these theories, students develop a knowledge and an appreciation of, the structure of a variety of markets in the Australian economy. Students are expected to critically evaluate the reasons governments may intervene in the market place and to gain a basic understanding of the main forms this intervention takes in the Australian Economy. Main topics include price determination, the theory of the firm and the pricing of productive factors.

**Prerequisite:** Nil.

**Class requirements:** four hours per week.

**Assessment:** tests (80%), 1,200 word assignment (20%). Students will sit for three tests, worth 25%, 25% and 30%.

**MICROECONOMICS FOR TOURISM AND HOSPITALITY (15 CPs. Sem. I. Be.) BECOMITH**

Mr Ian Pinge

This subject provides students with an understanding of basic microeconomic concepts and methodology necessary for analysing issues specific to different sub-sectors of the wider tourism and hospitality industries. The subject provides a basic understanding of the economic theory of price determination under the market structures of perfect competition, monopolistic competition, oligopoly and monopoly. By applying these theories, students develop a knowledge and an appreciation of the structure of a variety of markets in the Australian economy, particularly those relating to the tourism and hospitality industries. Students are expected to critically evaluate the reasons governments may intervene in the market place and to gain a basic understanding of the main forms this intervention takes in the Australian Economy. Main topics include price determination, the theory of the firm and the pricing of productive factors.

**Incompatible subject:** BECOMI1.

**Class requirements:** three 1-hour lectures, one 1-hour tutorial/seminar per week.

**Assessment:** 1-hour tests (80%), 1,200 word assignment (20%). Students will sit for three tests, worth 25%, 25% and 30%.

**Prescribed reading:**

McTaggart, D., Findlay, C. and Parkin, M. (1996) *Microeconomics*, 2nd edn, Addison-Wesley, Sydney.

**MINOR PROJECT (15 CPs. Sem. I. Be.) BITMIP**

Mr Tim Whitfort

Students work alone or as part of a team on an information technology project. The project may be internal to the University or in collaboration with industry. Students make a formal presentation of the project and its documentation.

**Prerequisite:** BITISD, BITDST.

**Class requirements:** four hours per week.

**Assessment:** project documentation, formal presentation and report (100%).

**MODERN LITERATURE (20 CPs. Be.) BLFA23ML** Mr Maurie Nestor.  
Not available in 2000.

**MODERN MYTH IN LITERATURE AND FILM (15 CPs. Sem. II. Be.) BLFA1MM** Mr Maurie Nestor

The culture of post-Renaissance Europe is examined via some of the most famous stories and heroic figures of the 17th and 19th centuries. Stories and figures of such fundamental importance to human nature that, having once been invented, they continually seek to re-invent themselves in art and thought. Study proceeds in two directions. In one direction, these stories disclose the fundamental nature of certain trends in European society over the past four centuries, while in another, they disclose their kinship with, or derivation from, ancient stories, mythical figures and modes of thought.

**Class requirements:** three hours per week.

**Assessment:** a research essay (30%), two class tests (30% each), and class participation (10%).

**Preliminary reading:** As many of the prescribed reading texts as possible.

**Prescribed reading:**

Shakespeare, *Hamlet*, (Signet preferred).

Shakespeare, *The Tempest*, (Signet preferred).

Moliere *Don Juan*, in *The Miser & Other Plays*, Penguin.

Shelley, M., *Frankenstein*, (OUP) World's Classics.

Stevenson, R. L., *Dr Jekyll & Mr Hyde*, in *Dr Jekyll & Mr Hyde, & Weir of Hermiston*, (OUP) World's Classics.

Twain, M. *Huckleberry Finn*, Penguin.

Melville, H. *Billy Budd*, in *Billy Budd & Other Tales*, Penguin.

**MODERNITY AND POST MODERNITY (20 CPs. Be.) BS23MPM** Mr Gerry Gill.

Not available in 2000.

**MONEY AND BANKING 3 (15 CPs. Sem. I. Be.) BECOMB3** Dr Andrzej Solecki

Students gain an understanding of the economic theory related to the financial sector and explore the interrelationships between this sector and the total economy. The subject examines the international monetary system and in particular, its impact upon Australia. Students develop the ability to analyse monetary policies and evaluate them in relation to specified objectives. Key topics include money and money economy, financial institutions and markets, the central bank – its targets and policies, the process of financial intermediation and its impact upon economic activity, inflation and unemployment from a monetary standpoint, international finance and Australian monetary problems.

**Prerequisite:** BCOMMI1 and BECOMA1.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and examination (100%).

**MOVEMENT LABORATORY 1 (15 CPs. Sem. I. Be., Mi.) BPE3ML1** Mr Gary Crouch

This subject promotes an understanding of skilled human performance and of human capabilities and limitations. The process of acquiring motor skills is investigated, as well as the factors influencing such learning. This information is integrated into a coaching context utilising a ball sport as a medium of instruction. Students also become familiar with the structure of sports coaching in Australia.

**Class requirements:** four hours per week.

**Assessment:** assignment, practical presentation, final examination (100%).

**Prescribed reading:**

Pyke, F. S. (ed.) (1991) *Better Coaching-Advanced Coaches Manual*, Canberra.

**MOVEMENT LABORATORY 2 (15 CPs. Sem. II. Be., Mi.) BPE3ML2** Dr Ashley Woodcock

Through a series of laboratories, students develop a theoretical understanding, apply biomechanical principles, devise and trial training strategies and develop their personal proficiency in areas of dance, athletics and gymnastics.

**Prerequisite:** physical education discipline studies strand.

**Class requirements:** four hours per week.

**Assessment:** assignment (30%), practical presentation (20%), final examination (50%).

**MULTIMEDIA 1 (15 CPs. Sem. I. Be.) BFA1MM1** Mr Brett Mc Lennan

The basics of digital imaging are introduced in a hands on workshop. Students explore a range of working methodologies that utilise both conventional media – photography, painting, print making and digital

image production. The unit utilises a series of assignments and allows students to develop existing folio practice across new media/art forms. Students have access to staff via interview for discussion of theoretical implications.

**Prerequisite:** Entrance via interview (Quota may apply).

**Class requirements:** two hours of lectures or practical and 1-hour of guided, self-directed studio research, per week.

**Assessment:** folio (60%), assignments (40%).

**MULTIMEDIA 2 (15 CPs. Sem. II. Be.) BFA1MM2** Mr Brett Mc Lennan

This subject explores advanced techniques to those described in *Multimedia 1: BFA1MM1*, including Web design and digital video.

**Prerequisite:** BFA1MM1.

**Class requirements:** two hours of lectures or practical and 1-hour of guided, self-directed studio research, per week.

**Assessment:** folio (60%), assignments (40%).

**MULTIMEDIA 3 (15 CPs. Sem. I. Be.) BFA2MM3** Mr Brett Mc Lennan

Students are introduced to more complex forms of digital image manipulation, moving towards non-static (interactive) image forms. The use of these image types is explored with specific relation to contemporary and historical fine art/design practice. Students are expected to develop their own folio in consultation with staff.

**Prerequisite:** BFA1MM2.

**Class requirements:** two hours of lectures or practical and 1-hour of guided, self-directed studio research per week.

**Assessment:** folio (100%).

**MULTIMEDIA 4 (15 CPs. Sem. II. Be.) BFA2MM4** Mr Brett Mc Lennan

This unit investigates 'communication cultures' and the propagation of new media forms, such as online galleries, interactive image making, multimedia and collaborative image making. Students are expected to develop their own folio and or theory paper in consultation with staff.

**Prerequisite:** BFA2MM3.

**Class requirements:** two hours of lectures or practical and 1-hour of guided, self-directed studio research per week.

**Assessment:** folio (100%) or theory paper (100%).

**MULTIMEDIA PRODUCTION (20 CPs. Sem. II. Be.) BES4MP** Mr Les Lyons

This subject offers an introduction to the theoretical and practical aspects of multi-media. Students will be familiarised with hypermedia, hypertext, session oriented software, sound text, graphics, animation, video and the use of active zones. It will also cover learning theory, design features, production planning and evaluation. Students will be introduced to HyperCard, HyperStudio, Kid Pix and MicroWorlds as production platform.

**Class requirements:** four hours per week.

**Assessment:** research study (20%), 2-prototype productions (80%).

**NATIONALISM AND IDENTITY (20 CPs. Be.) BHDA23NI** Dr Robbie Robertson.

Not available in 2000.

**NEURAL NETWORKS (15 CPs. Sem. I. Be.) BIXNNE** Mr Phil Rice

This subject covers the fundamentals of artificial neural networks. Perceptions. Back propagation. Kohonen networks. Counter propagation. Hopfield networks. Boltzmann machines. Hybrid systems. Building neural networks: tips and techniques. Current developments in neural networks. Applications.

**Prerequisite:** this subject is available only for Computing Honours and Higher Degrees students.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%).

Students will complete two assignments each worth 25%).

**NEURO-SCIENCE NURSING (15 CPs. Sem. II. Be.) BHS8NSN** Mr Jim Kevin

Subject to sufficient enrolments. May be delivered in intensive block study mode.

This subject provides students with the opportunity to develop knowledge and skills necessary to care effectively and efficiently for people experiencing neurological disorders. It particularly focuses on the nursing management of people with acute and chronic conditions related to disturbances in neurological function.

**Class requirements:** 39 hours per semester. May be delivered in intensive block study mode.

**Assessment:** major case study (60%), minor written/verbal presentation (40%).

**NUMERICAL MATHEMATICS (15 CPs. Sem. I. Be.) BMATHNM Dr Robert Champion**

Students are introduced to a wide variety of concepts and methods in computational mathematics. Topics covered are solutions of non-linear equations, interpolation and approximation, numerical integration, numerical linear algebra, solutions of ordinary differential equations and optimisation. Considerable use is made of modern computer packages to illustrate key aspects of these numerical problems and to facilitate their solution.

*Prerequisite:* BMATHCA3.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (70%), assignments (30%).

**Prescribed reading:**

Faires, J. D. and Burden, R. L. (1998) *Numerical Methods*, 2nd edn, Brooks/Cole, Pacific Grove.

**NURSING ADMINISTRATION (15 CPs. Sem. II. Be.) BHS4NAD Ms Lesley Sieglhoff**

*May be offered in intensive block mode.*

Components covered include nursing personnel management, motivation, selection, training, performance appraisal, industrial relations in the nursing arena, staffing establishment and scheduling, quality assurance programs, hospital accreditation programs and the nursing budget.

*Prerequisite:* BHS4NM.

*Class requirements:* 39 hours in total.

*Assessment:* assignment (25%), class presentation (25%), examination (50%).

**NURSING: INTRODUCTION TO PROFESSIONAL PRACTICE (15 CPs. Sem. I. Aw., Be., Bu.) NU1IPP(Be)**

This subject will begin to develop student understanding of the profession of nursing, the development of a professional identity and the role and context of professional practice. A nursing perspective of such areas as law and ethics, autonomy, and advocacy will be included. Communication is integral to the unique nurse/patient relationship. Existing skills will be expanded, and the ways in which impaired health can influence the communication process will be explored. The importance of self as a therapeutic tool will be emphasised, and therefore the need for awareness of and insight into the significance of emotions, beliefs and values will be discussed.

*Class requirements:* 28 hours of lectures, 11 hours of self directed learning, 7 hours of field visit to meet with health care workers employed in a variety of health care agencies.

*Assessment:* assignments (100%). Students will complete two 2,000 word assignments each worth 50%.

**NURSING EDUCATION (15 CPs. Sem. II. Be.) BHS4NED Ms Les Fitzgerald**

*Subject to sufficient enrolments. May be offered in intensive block mode.*

This subject examines the philosophy of nursing and nursing education, concepts and models of curriculum development and nursing curriculum, curriculum planning and building, design and preparation of lesson plans, teaching modes and strategies, clinical teaching methodologies, evaluation techniques and problem based learning.

*Prerequisite:* BHS4NAT.

*Class requirements:* 39 hours in total.

*Assessment:* assignment (50%), teaching practical assignment (25%), clinical teaching practical assignment (25%).

**NURSING KNOWLEDGE (15 CPs. Sem. II. Be.) BHS5NUK Mr Keith O'Brien**

*May be offered in intensive study block mode.*

The major theme throughout this subject is development of the skills necessary for and a commitment to, reflective practice. Issues explored include debates surrounding the development of nursing knowledge and the importance of caring to the development of nursing and as a basis for nursing practice. Emphasis is placed on the development of a personal conceptualisation of nursing practice and the articulation of a personal theory of professional nursing.

*Class requirements:* 39 hours in total.

*Assessment:* 1,500-word assignment (30%) 3,000-word project (70%). Students will complete the 1,500 word assignment on the theoretical basis of nursing knowledge development and the 3,000 word project on conceptualisation of nursing practice.

**NURSING MANAGEMENT (15 CPs. Sem. I. Be.) BHS4NM Ms Lesley Sieglhoff**

*May be offered in intensive block mode.*

The subject examines the principles of organisation, the nurse in the health care system, management of nursing care delivery, nursing personnel management, delegation, decision-making, time management and conflict management.

*Class requirements:* 39 hours total. May be offered in intensive block mode.

*Assessment:* assignment (40%), and examination (60%).

**NURSING PROJECT (15 CPs. All year. Be.) BHS4NUP Ms Sharon Kendall**

This subject applies the knowledge and skills acquired in Nursing Research to the formulation and implementation of a real life research project in a selected area of student interest.

*Prerequisite:* BHS4NUR.

*Class requirements:* 39 hours per semester.

*Assessment:* written submission (80%), class presentation (20%).

**NURSING RESEARCH (15 CPs. Sem. I. Be.) BHS4NUR Mr Jim Kevin**  
*May be offered in intensive block mode.*

This subject examines nursing and the role of research, research terminology, the research process, comparison of research methodologies, research design considerations, measurement and sampling, reliability and validity of data collection tools, methods of observation and data collection, computing and data analysis.

*Prerequisite:* all first year Bachelor of Nursing subjects or equivalent.

*Class requirements:* 39 hours in total.

*Assessment:* assignment (35%), examination (45%), class presentation (20%).

**Prescribed reading:**

Burns, N. and Grove, S. K. (1993) *The Practice of nursing research*, 2nd edn, Sydney: W. B. Saunders.

**OBJECT ORIENTED PROGRAMS (15 CPs. Sem. II. Be.) BITOOP Ms Mary Martin**

Components covered include inheritance and polymorphism, software re-use, using function libraries and class libraries, component computing concepts, garbage collection and exception handling, templates, object-oriented design and implementation of an application.

*Prerequisite:* BITDST.

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (50%), assignments (50%).

**OCCUPATIONAL HEALTH (15 CPs. Sem. II. Be.) BHS4OCH Mr Keith O'Brien**

*Subject to sufficient enrolments. May be offered in intensive study block mode.*

Topics covered include environment and health, occupational health and safety (from a sociological, psychological, physiological and nursing perspective), legislation pertaining to occupational health and safety, health promotion, health education, health problems, occupational health nursing, environmental surveillance, treatment, rehabilitation, counselling, management, specialised programs, including epidemiology, ethical aspects and the role of the occupational health nurse/worker.

*Class requirements:* three hours per week.

*Assessment:* assignments (40%), project (60%). Students will complete two assignments each worth 20%.

**OPERATIONS RESEARCH (15 CPs. Sem. I. Be.) BMATHOPR Dr John Schutz**

This is a field of study devoted to mathematical methods which are applied to organisational problems such as decision making, allocation of resources and planning. Topics include decision analysis, linear programming and their applications.

*Prerequisite:* BMATHSTM or BMATHEM or BMATHMS1 (which may be taken as a co-requisite).

*Class requirements:* four hours per week.

*Assessment:* 3-hour examination (70%), assignments (30%).

**Prescribed reading:**

Ragsdale, C. T. (1998) *Spreadsheet Modelling and Decision Analysis*, 2nd edn, South-Western, Cincinnati.

**ORGANISATION THEORY (15 CPs. Sem. II. Be.) BMGTOT Mr John Griffith**

The subject explores the roles of managers in organisational design by examining such concepts as structure, organisational effectiveness and the influence of the environment. Internal matters such as technology, size and culture are also examined. Special attention is paid to the relationship between organisational behaviour and theory and the nature of the 'learning organisation'.

*Prerequisite:* BMGTOTB.

*Class requirements:* three hours per week.

*Assessment:* cumulative assessment and examination (100%).

**Prescribed reading:**

Hodge, H., Anthony, W. and Gales, L. (1996) *Organisation Theory: A Strategic Approach*, 5th ed, Prentice Hall, New Jersey.

**ORGANISATIONAL BEHAVIOUR (15 CPs. Sem. I & II. Be.) BMGT0B****Mr Maxwell Mollard**

Students are introduced to the fields of management and organisation through a study of behaviour in the work place. Topics include perception and cognition, leadership, motivation, ethics, decision making conflict, change, power and politics. A special emphasis is placed on career and professional development.

**Class requirements:** one 1-hour lecture and one 2-hour workshop per week.

**Assessment:** multiple choice questions (20%), workshops (20%), class presentation (10%), 4,000-5,000 word Journal (15%), 3-hour examination (35%). Students will complete three sets of 20 multiple-choice questions.

**Prescribed reading:**

Robbins, S., et al. (1998) *Organisational Behaviour: Concepts, Controversies and Applications*, 2nd edn Australia and New Zealand, New York, Prentice Hall.

**ORGANISATIONAL MANAGEMENT (15 CPs. Sem. II. Be.) BHS30M****Mr Tony Hoare**

Not available in year 2000.

**OUT WEST AND DOWN UNDER (20 CPs. Be., Mi., Sh.) BH230WDU****Dr Charles Fahey**

Not available in year 2000.

**OUTDOOR EDUCATION 1 CONCEPTS (30 CPs. All year. Be.) BOE1CO****Mr Glyn Thomas**

Outdoor Education 1 Concepts introduces the academic and practical study of the fields of outdoor education and nature tourism. The focus is on human-nature relationships, observational skills, ways of knowing, and outdoor living and travel skills, including bush navigation and first aid. Australian environmental history and issues in outdoor education, nature tourism, and outdoor recreation are examined. Emphasis is placed on developing academic skills of critical enquiry, critical reading, text annotation, organisation, referencing, and presentation of written work. Journal keeping is done throughout the year. Self appraisal strategies, skills for planning and evaluating outdoor learning are addressed.

**Co-requisite:** BOE1PR.

**Class requirements:** four hours per week.

**Assessment:** descriptive assessment (100%). Assessment is in conjunction with Outdoor Education 1 (Practice) and/or Field Experience 1. Two examinations and two major and two minor assignments.

**OUTDOOR EDUCATION ENVIRONMENTS 1 (15 CPs. Sem. II. Be.)****BOE1E Dr Ruth Lawrence**

This unit explores the role of natural and cultural history in determining responses to the management of the Australian (particularly Victorian) environment. Changing attitudes towards the land are explored by a chronological examination of Aboriginal and European occupation of the continent. Current land management issues are explored through a number of case studies, with particular emphasis on land use conflicts in the Australian alpine area.

**Prerequisite:** BBO1AE.

**Co-requisite:** BOE1PR.

**Class requirements:** two hours of lectures and two hours of tutorial and field trips.

**Assessment:** assignments (100%).

**Prescribed reading:**

Good R. (ed.) (1989) *Scientific Significance of the Australian Alps*, Australian Alps Liaison Committee, Canberra.

Gowland, K. and Slattery, D. (1992) *Australian Alps Education Kit*, DCE Melbourne.

Land Conservation Council (1978) *Public Land Review LCC* Melbourne.

Kohen, J. L. (1995) *Aboriginal environmental impacts*, UNSW Press.

Young ARM (1996) *Environmental change in Australia since 1788* OUP.

Scougall B. (ed.) (1992) *Cultural Heritage of the Australian Alps*, Australian Alps Liaison Committee, Canberra.

**OUTDOOR EDUCATION ENVIRONMENTS 2 (15 CPs. Sem. II. Be.)****BOE2E Dr Almut Berringer**

This subject interprets environmental issues, understandings and practices from an experiential perspective relevant to outdoor educational and nature tourism. This includes specific definitions and concepts of wilderness preservation and management, the influence of cultural tradition and practices on the nature of direct experience of outdoor environments through journeying consistent with the practical program in Outdoor Education 2 (Practice) or Outdoor Education 2 NT (Practice), the experience of solitude in outdoor environments, the ability to interpret a range of environmental

learning strategies and analysis of the ethical foundations for sustainable outdoor education and nature tourism experiences.

**Prerequisite:** BBO1AE, BOE1E, BOE2PN.

**Co-requisite:** BOE2PR or BOE2PR.

**Class requirements:** three hours of lectures and one hour of tutorial or field trips.

**Assessment:** two 2,500-word assignments (100%).

**Prescribed reading:**

Leopold, A. (1987) *A Sand County Almanac: and Sketches Here and There*. Oxford University Press: New York.

**OUTDOOR EDUCATION 1 PRACTICE (30 CPs. All year. Be.) BOE1PR****Mr Glyn Thomas**

This subject comprises an appraisal and introductory trips in bushwalking, snow-camping, rock climbing and open canoe paddling. Compulsory assessment trips include bushwalking. Other topics include navigation training and assessment and supplementary training determined by a student's negotiated learning plan.

**Co-requisite:** BOE1CO and BOE1FE.

**Class requirements:** 26 days practical work.

**Assessment:** descriptive assessment (100%). Assessment is in conjunction with Outdoor Ed 1 Concepts and Field Experience 1. Continuous assessment on supervised practical trips, practical tests in navigation, rope-handling, open canoe paddling, logs and verification of additional experience obtained.

**OUTDOOR EDUCATION 2 COMMUNITY (30 CPs. All year. Be.) BOE2C****Mr Peter Martin**

This subject provides an introduction to the theory and practice of small group leadership in the outdoors. It examines the philosophy, principles and practices of competent leadership as they apply to adventure activities. The subject demands an understanding of the concepts of safety and risk in the outdoors, legal liability, trip planning and management, remote area first aid and remote area emergency response. The subject includes: social psychology of risk and adventure, the concept of community, leadership knowledge specific to bushwalking, canoeing, and two elective adventure pursuits from rock-climbing, white-water paddling and cross country ski touring.

**Prerequisite:** BOE1CO, BOE1PR and BOE1FE.

**Co-requisite:** BOE2PR and BOE2FE.

**Class requirements:** four hours per week.

**Assessment:** descriptive assessment (100%). Assessment is in conjunction with Outdoor Ed 2 Practice and Field Experience 2. Four assignments and a final examination.

**OUTDOOR EDUCATION 2 NT (15 CPs. Sem. I. Be.) BOE2NT****Mr Peter Martin**

This subject provides an introduction to the theory and practice of small group leadership in the outdoors. It examines the philosophy, principles and practices of competent leadership as they apply to naturalist-based experiences in the outdoors. It demands an understanding of the concepts of safety and risk in the outdoors, legal liability and safety management, remote area first aid and remote area emergency response, trip planning and management and further knowledge specific to bushwalking, open canoeing and one of either the Australian Alps or the Murray-Darling Basin, as well as field naturalist practice.

**Co-requisite:** BOE2NTP.

**Class requirements:** four hours per week.

**Assessment:** descriptive assessment (100%). Assessment is in conjunction with Outdoor Education 2NT Practice. Two assignments and a final examination.

**OUTDOOR EDUCATION 2 NT (PRACTICE) (30 CPs. All year. Be.)****BOE2NTP Mr Peter Martin**

This subject provides students with an opportunity to develop advanced skills in bushwalking, open canoe paddling and bush navigation to the level of competent assistant leader. Further refinement of field naturalist skills through bushwalking and canoeing is developed, with an expert emphasis on either the Australian Alps or Murray-Darling Basin being pursued.

**Co-requisite:** BOE2NT.

**Class requirements:** 30 days practical work.

**Assessment:** descriptive assessment (100%). Assessment is in conjunction with Outdoor Education 2 NT. Continuous self-appraisal and assessment on supervised practical trips, practical tests in navigation and a reflective journal.

**OUTDOOR EDUCATION 2 PRACTICE (30 CPs. All year. Be.) BOE2PR**

Mr Peter Martin

Extended wilderness bushwalking is combined with some field experience to provide a trip of 18 days minimum. Components include navigation training and assessment, an introduction to advanced skills in two practical electives offered based on availability, usually white-water kayaking, ski-touring, rock-climbing or bushwalking, canoe touring.

*Prerequisite:* BOE1CO, BOE1PR and BOE1FE.

*Co-requisite:* BOE2C and BOE2FE.

*Class requirements:* 26 days practical.

*Assessment:* descriptive assessment (100%). Assessment is in conjunction with Outdoor Education 2 (Community) and Field Experience 2. Continuous assessment on supervised practical trips and practical tests in advanced navigation.

**OUTDOOR EDUCATION 3 PRACTICE (30 CPs. All year. Be.) BOE3PR**

Mr Andrew Brookes

Students receive further advanced skills instruction in two of canoeing, ski-touring, rock-climbing and bushwalking over a total of eight days. There is an 18 day component of supervised teaching practice (three days core, five days in a camping program and five days with each practical elective).

*Prerequisite:* BOE2C, BOE2PR and BOE2FE.

*Co-requisite:* BOE3TG and BOE3FE.

*Class requirements:* 26 days practical work.

*Assessment:* descriptive assessment (100%). Assessment is in conjunction with Outdoor Ed 3 Teaching and Field Experience 3. Continuous assessment on supervised practical trips, logs and verification of additional experience obtained.

**OUTDOOR EDUCATION 3 TEACHING (30 CPs. All year. Be.) BOE3TG**

Mr Andrew Brookes

Students examine the social functions of education and implications for outdoor education. Components include discourses on the outdoors and 'the bush' and implications for outdoor education, ecological theories of teaching and implications for outdoor education, curriculum enquiry in outdoor education and planning camping programs. Students plan a minimum of five outdoor programs or sessions for a range of groups and with a range of educational emphases. There is also evaluation of outdoor education programs, approaches to evaluation and evaluation issues and dilemmas.

*Prerequisite:* BOE2C, BOE2PR and BOE2FE.

*Co-requisite:* BOE3PR and BOE3FE.

*Class requirements:* four hours per week.

*Assessment:* descriptive assessment (100%). Assessment is in conjunction with Outdoor Ed 3 Practice and Field Experience 3. One major and one minor assignment, program planning project, a teaching evaluation project and lesson plans.

**Prescribed reading:**

Bowers, C. A. and Flinders, D. J. (1990) *Responsive Teaching: an ecological approach to classroom patterns of language, culture and thought*. New York, Teachers College.

**OUTDOOR EDUCATION HONOURS SEMINAR (30 CPs. All year. Be.)**

**BOE4SEM** Dr Mary-Faeth Chenery

Seminars concerning professional issues in outdoor education are presented by staff, visitors, and students. Students will report on work in progress and present a summary of their work in readings, advanced outdoor education practice and a research project.

*Class requirements:* three hours per week.

*Assessment:* readings seminar (30%), project seminar (30%) and an outdoor education practice seminar (40%). This subject will contribute 20% to the final determination of honours.

**OUTDOOR EDUCATION TEACHING METHOD (15 CPs. All year. Be.)**

**BOE5OEM** Ms Alison Lugg

This subject introduces and develops procedures and practices specific to the teaching of outdoor education in post-primary schools. Content includes curriculum planning, major programming options, organisational strategies and planning considerations, resources, assessment and evaluation, legal liability and outdoor education teaching issues.

*Prerequisite:* an approved degree with at least one full year of study in outdoor education, including practical components.

*Class requirements:* two hours per week.

*Assessment:* assignments (100%). Students will complete three assignments.

**Preliminary reading:**

Bowers, C.A. and Flinders, D. J. (1990) *Responsive Teaching - An Ecological Approach to Classroom Patterns of Language, Culture, and Thought*.

**Prescribed reading:**

VCE, (1994) *Outdoor Education Study Design* Board of Studies. Curriculum and Standards Framework (1995) - *Health and Physical Education: Studies of Society and Environment*, Board of Studies.

**OUTDOOR EDUCATION 3NT (TEACHING) (15 CPs, Sem. I. Be.)**

**BOE3NT** Mr. Andrew. Brookes

In this subject key elements of outdoor education theory for teachers are introduced, including safety management, and with a particular emphasis on planning, interpreting, and evaluating outdoor teaching. Outdoor education is considered within a broader context of the role of education in social and cultural change and reproduction. The educational role of outdoor settings is studied through attention to theories of place, particularly in relation to environmental education. Ecological theories of learning are used to develop approaches to understanding and interpreting outdoor experiences as a form of cultural expression.

*Pre-requisite:* BOE2NT and BOE2NT.

*Co-requisite:* BOE3FENT, BOE3EI.

*Class requirements:* Lectures and tutorials will be taught in intensive blocks between practical commitments in other subjects, equivalent to: 2 hours lectures per week, 1 hour supervised teaching preparation and evaluation per week, 1 hour tutorial per week.

*Assessment:* descriptive assessment (100%). The following percentages are provided as a guide to the relative workload of the assessment tasks: 2 teaching plans and evaluations, 1000 words (40%), seminar presentation 2000 words (20%), assignment 3000 words (40%).

**Preliminary reading:**

Bowers, C. A. (1993) *Education, cultural myths, and the ecological crisis: Towards deep changes*. New York: State University of New York Press.

**Prescribed reading:**

Bowers, C. A. and Flinders, D. J. (1990) *Responsive teaching: an ecological approach to classroom patterns of language, culture, and thought*. New York: Teachers College Press.

**PALLIATIVE CARE (15 CPs. Sem. I. Be.) BHS8PAL** Ms Sharon Kendall  
*Subject to sufficient enrolments. May be delivered in intensive study block mode.*

This subject assists students to acquire knowledge and insight into the care of clients requiring palliative care. Students are encouraged to explore the philosophy of palliative care in relation to present status and future directions and seek to identify the range of reactions by nurses, clients and significant others to loss and grief. The subject focuses on identifying strategies to promote coping behaviours and assists students to develop awareness into personal and cultural attitudes and practices related to death and dying.

*Prerequisite:* all first year Bachelor of Nursing subjects or equivalent.

*Class requirements:* 39 hours per semester.

*Assessment:* Scenario based assessments (100%).

**PARAMETERS OF PSYCHIATRIC CARE (15 CPs. Sem. II. Be.)**

**BHS8PPC** Mr Neil Croll

*Subject to sufficient enrolments. May be offered in intensive study block mode.*

This subject focuses on interventions for psychiatric clients on the concepts of maximising independence, ensuring individual rights and understanding the legal and ethical parameters of psychiatric nursing practice.

*Prerequisite:* all first year Bachelor of Nursing subjects or equivalent.

*Class requirements:* 39 hours per semester.

*Assessment:* 2,000-word essay (60%), 1,500-word project (40%).

**PARKS AND WILDLIFE MANAGEMENT (15 CPs. Sem. II. Be.)**

**BOE2PWM** Ms Deirdre Slattery

Students develop a working knowledge of key elements in natural resource and wildlife management, with particular reference to national parks. Topics include how the current system of land management in Victoria developed, comparison with international and other Australian examples, legal and scientific approaches to natural resource management, use of protected areas as a baseline for research and management, environmental impact assessment issues and the interplay between natural and cultural resource management. Case studies focus on park and wildlife management practices in south eastern Australia.

*Prerequisite:* BBO1AE.

Case studies focus on park and wildlife management practices in south eastern Australia.

*Class requirements:* two hours of lectures and two hours of tutorial and field trips, per week.

*Assessment:* 2-2,500-word assignments (100%).



**Preliminary reading:**

Recher, H, Lunney, D. and Dunn, I. (1994) *A Natural Legacy*, chapters 15, 16, 17, 18.

**Prescribed reading:**

Hall, C. M. and McArthur, S. (1996) *Heritage Management in Australia and New Zealand: The Human Dimension*, OUP.  
Department of Conservation and Environment, Victoria, (1992) *Flora and Fauna Guarantee Act Action Statements*, DNRE Melbourne.  
Aplin, G. (1998) *Australians and their environment*, Oxford Uni. Press, Melbourne.

**PEOPLE AND ENVIRONMENT 1A (15 CPs. Sem. II. Be.) BSE1PEA Mr Mal Ward**

The focus is on food and nutritional issues in society. Introductory topics include discussion of the nutrients in foods and their functions, the energy obtained from food and the body's energy requirements. The concept of the body's energy balance in relation to diet is discussed. This background leads in to a consideration of food and nutritional controversies, such as the necessity of nutrient supplements, vegetarian and other diets, food allergies and hyperactivity, diet related disorders, genetically engineered foods, food additives, food contamination and food safety. More global issues, such as the energy required to produce foods from animal or plant sources, global food reserves and the distribution of food resources between developed and developing countries are also investigated.

*Class requirements:* four hours per week.

*Assessment:* journal (30%), assignment (30%), examination (40%).

**PEOPLE AND ENVIRONMENT 2A (15 CPs. Sem. I. Be., Mi.) BSE2PEA Dr Barry Brockley**

The focus is on renewable energy systems and students consider the interrelationship of society's development with its energy consumption. An historical perspective is taken in exploring the impact on the environment that the ready availability of fossil fuels has made possible. Past social changes that have resulted from technological advancement and those that are predicted to occur are discussed. Investigation of recent technological advances, scientific research and issues related to alternative energy usage is addressed. Energy sources such as the sun, wind, water, tides, biomass and fuel cells are researched in terms of their environmental impact, practicality and suitability. Issues relating to nuclear energy, such as uranium mining and enrichment, radioactive waste disposal and other related environmental concerns are studied.

*Prerequisite:* BSE1PEB, or an approved alternative.

*Class requirements:* 4- hours per week.

*Assessment:* 2,000 word case study (40%), Journal (30%), 1,500 word assignment (30%).

**PEOPLE AND ENVIRONMENT 2B (15 CPs. Sem. II. Be., Mi.) BSE2PEB Mr Mal Ward**

This subject explores technological advances and scientific research related to biotechnology. Students begin by defining the term 'biotechnology' broadly and then examine individual aspects starting with food technology and the use of enzymes in our daily lives. Issues relating to food technology, genetic engineering, specifically agricultural applications for pest control and crop and livestock development are also investigated. The advent of genetically altered vaccines and the possible impact on humans and animals is probed, as well as the human genome project and its relationship and importance with regard to genetic diseases in humans. The importance of biodiversity as a gene pool to provide a source for future biotechnological developments is examined. All topics covered in this course are viewed from scientific, moral and ethical positions.

*Prerequisite:* BSE2PEA or an approved alternative.

*Class requirements:* three hours per week.

*Assessment:* journal (40%), assignment (30%), examination (30%).

**PERSONAL FINANCIAL MANAGEMENT (15 CPs. Sem. II. Be.)****BACCPFM Mr Andrew Watson**

The principles of personal financial planning are outlined. The main personal investment alternatives (equity, cash and property in various forms) are covered, while it also develops skill in assessing those alternatives. The laws relating to giving professional advice are also examined.

*Prerequisite:* BLAWCL and BLAWT (or concurrently with BLAWT), (preferably with BECOM1, BECOMA1).

*Class requirements:* three hours per week.

*Assessment:* cumulative assessment and examination (100%).

**Preliminary reading:**

Whittaker, N. *Making Money Made Simple*. Boolarong Publications, latest edn.

**Prescribed reading:**

Whittaker, N. *More Money With Noel Whittaker*. Boolarong Publications, latest edn.

**PERSPECTIVES ON NATURE (15 CPs. Sem. I. Be.) BOE2PN Dr Almut Beringer**

A range of disciplinary approaches to understanding natural environments in south eastern Australia are introduced. The subject helps students understand that conceptions of nature are socially constructed and culturally relevant. A multidisciplinary approach is used to introduce and compare perspectives, including environmental politics and social studies of science. Students develop and apply their understanding of two or more of these perspectives to a regional case study.

*Prerequisite:* students must be of at least second year standing.

*Class requirements:* three hours of lectures and 1-hour of tutorial and field trip(s), per week.

*Assessment:* 2-2,500-word assignments (100%).

**Prescribed reading:**

Readings Packet. Marshall, P (1996), *Nature's Web: Re-thinking Our Place on Earth*, ME Sharpe: London, England.

**PHILOSOPHY OF RELIGION (20 CPs. Sem. I. Be.) BPR23PR Dr Harry Oldmeadow**

Components include problems of definition and methodological issues in the philosophical study of religion, 'proofs' of god's existence, the problem of evil, faith and reason, morality, science and religion, mythology and symbolism as religious categories, traditional and modern cosmologies, feminism, post-modernism and theology. Some of the philosophers and writers whose ideas are explored include Anselm, Aquinas, Hume, Marx, Dostoevsky, Nietzsche, Russell and Schuon.

*Prerequisite:* students must be at least in their second year of study.

*Class requirements:* three hours per week.

*Assessment:* 2,000-word essay (40%), class test (20%), one, 1-hour examination. (30%), class participation (10%).

**Preliminary reading:**

Davies, B. (1993) *An introduction to the philosophy of religion*. Oxford: OUP.

**PHILOSOPHY OF WORK AND ART (20 CPs. Be.) BLFA23WA Dr R. Swarder**

*Not available in 2000.*

**PHOTO PRINT MEDIA THEORY 1 (15 CPs. Sem. I. Be.) BVA1PPT1 Mr James McArdle**

A comprehensive foundation study making use of knowledge gained in the co-requisite Photo Print Media Workshop subject in the production of a folio. Students will be expected to plan all their study within guidelines established by a Studio Lecturer with the emphasis on the acquisition of conceptual technical theoretical and critical skills in artistic production.

The folio should demonstrate the understanding of specified techniques within or across the mediums of Photography, Printmaking and Multimedia. Lectures will provide a conceptual framework and indicate areas of self-guided research.

*Co-requisite:* BVA1PPW1.

*Class requirements:* 1-hour lecture, 2-hours supervised studio, 3-hours consultation/critiques and self directed studio per week.

*Assessment:* Folio (100%) Students must complete a folio of 10 images (or equivalent) and an annotated visual journal -1,000 words.

**Preliminary reading:**

Barthes, Roland. (1984) *Camera lucida reflections on photography*. London, Flamingo

Tallman, S. (1996) *Contemporary Print: from Pre-Pop to Postmodern*. Thames & Hudson.

**Prescribed reading:**

Cavanagh, Susan. *Throwing light on darkrooms: a safety manual for darkrooms*. National Occupational Health and Safety Commission Media, Entertainment.

Hults, I. C. (1995) *Print in the Western World: an Introductory History*. University of Wisconsin Press.

Mitchell, William J. (1997) *Digital Design Media*. 2nd edn, John Wiley & Sons.

Negroponte, Nicholas. (1995) *Being Digital*. Knopf.

Warren, Bruce. (1993) *Photography*. Minneapolis. St. Paul: West Pub. Co.



## PHOTO PRINT MEDIA THEORY 2 (15 CPs. Sem. II. Be.) BVA1PPT2

Mr James McArdle

This folio based subject requires an in-depth study making use of knowledge gained in the co-requisite Photo Print Media Workshop subject.

Students will be expected to plan all their study within the guidelines established by a Studio Lecturer. The expected outcome is a cohesive folio that demonstrates the resolution of media theory and thematic experimentation across a variety of media or within one medium from Photography, Printmaking and Multimedia. Lectures will provide a conceptual framework and indicate areas of self-guided research.

**Pre-requisite:** BVA1PPT1.

**Co-requisite:** BVA1PPW2.

**Class requirements:** 1-hour lectures, 2-hours supervised studio, 3-hours consultation/critiques and self directed studio per week.

**Assessment:** folio (100%). Students must complete a Folio of 10 images (or equivalent) and an annotated visual journal -1,000 words.

### Preliminary reading:

Adams, C. (1996) *Second Impressions: Modern Prints & Printmakers Reconsidered*. University of New Mexico Press.

Kozloff, Max. (1987) *The privileged eye: essays on photography*.

Wye, D. (1996) *Thinking Print-books to billboards 1980-1995*. Abrams.

### Prescribed reading:

Cavanagh, Susan. *Throwing light on darkrooms: a safety manual for darkrooms*. National Occupational Health and Safety Commission Media, Entertainment & Arts Alliance.

Meyer, Pedro. (1995) *Truths & Fictions: A Journey from Documentary to Digital Photography*. Aperture.

Mitchell, William J. (1996) *City of Bits: Space, Place and the Infobahn*. MIT Press.

Mitchell, William J. (1997) *Digital Design Media*. 2nd edn, John Wiley & sons.

Warren, Bruce. (1993) *Photography*. Minneapolis, St. Paul: West Pub. Co.

## PHOTO PRINT MEDIA THEORY 3 (15 CPs. Sem. I. Be.) BVA2PPT3 Mr

James McArdle

This folio based subject requires an in-depth study making use of knowledge gained in the co-requisite Photo Print Media Workshop subject. Students will be expected work from their individual folio proposal defining conceptual aspects of their study under the guidance of a Studio Lecturer whose research is devoted to a related area. The expected outcome is a cohesive folio that demonstrates the conception and resolution of a theme across a variety of media or within one of the media; Photography, Printmaking, Multimedia. A program of lectures will provide a conceptual framework and indicate areas of self-guided research.

**Pre-requisite:** BVA1PPT2.

**Co-requisite:** BVA2PPW3.

**Class requirements:** 1-hour lecture, 2-hours supervised studio, 3-hours consultation/critiques and self directed studio per week.

**Assessment:** folio (100%). Students must complete a folio of 15 images (or equivalent) and an annotated visual journal -2,000 words.

### Preliminary reading:

Ades, Dawn. (1991) *Photomontage: experimental photography between the wars*. London: Thames & Hudson.

Gill, M. (1989) *Image of the Body*. Doubleday.

Ewing, William A. (1994) *The body: photoworks of the human form*. London: Thames & Hudson.

Kozloff, Max. (1979) *Photography & fascination: essays*. Albuquerque: University of New Mexico Press.

Mitchell, William J. (1992) *The reconfigured eye: visual truth in the post-photographic era*. Cambridge, Mass: MIT Press.

Reisenfeld, R. (1996) *The German Portfolio: Serials for a Private Sphere*. University of Chicago Press.

### Prescribed reading:

Cavanagh, Susan. (1992) *Throwing light on darkrooms: a safety manual for darkrooms*. National Occupational Health and Safety Commission Media, Entertainment and Arts Alliance (Australia).

Field, R. S. and Fine, R. (1987) *A Graphic Muse: Prints by Contemporary American Women*. New York: Hudson Hills Press.

Negroponte, Nicholas. (1996) *Being Digital*. Rydalmere, NSW: Hodder & Stoughton.

Warren, Bruce. (1993) *Photography*. Minneapolis, St. Paul: West Pub. Co.

## PHOTO PRINT MEDIA THEORY 4 (15 CPs. Sem. II. Be.) BVA2PPT4

Mr James McArdle

This folio based subject requires an in-depth study making use of knowledge gained in the co-requisite Photo Print Media Workshop subject. Students will be expected work from their individual folio proposal defining conceptual aspects of their study in consultation with a Studio Lecturer whose research is devoted to a related area. The expected outcome is a cohesive folio that demonstrates the conception and resolution of a theme across a variety of media or within one of the media; Photography, Printmaking and Multimedia. Students explore a diversity of conceptual approaches in order to extend their use of visual language. Students are directed in lectures and by Studio Lecturers toward an analysis and critical awareness of current visual arts practice, central to the production and advancement of their own work.

**Prerequisite:** BVA2PPT3.

**Co-requisite:** BVA2PPW4.

**Class requirements:** 1-hour lecture, 2-hours supervised studio, 3-hours consultation/critiques and self directed studio per week.

**Assessment:** folio (100%). Students must complete a folio of 15 images (or equivalent) and an annotated visual journal -2,000 words.

### Preliminary reading:

Kozloff, Max. (1987) *The privileged eye: essays on photography*. Albuquerque: University of New Mexico Press.

Krauss, Rosalind E. (ed.) (1985) *L'Amour fou: photography & surrealism*.

Matlsky, B. C. (1992) *Fragile Ecologies: Contemporary Artist's Interpretations and Solutions*. Rizzoli.

Wagner, A. (1997) *Three Artists (three women)*. University of California Press.

### Prescribed reading:

Ades, Dawn. (1991) *Photomontage: experimental photography between the wars*. London: Thames & Hudson.

Mitchell, William J. (1996) *City of Bits: Space, Place, and the Infobahn*. MIT Press.

Seigal, David (1996) *Creating Killer Web Sites: The Art of Third-Generation Site Design*. 2nd edn, Hayden Books.

Stroebel, Leslie. (1990) *Basic photographic materials and processes*. Boston: Focal Press.

Tallman, S. (1996) *Contemporary Print: from Pre-Pop to Postmodern*. Thames & Hudson.

## PHOTO PRINT MEDIA THEORY 5 (15 CPs. Sem. I. Be.) BVA3PPT5 Mr

James McArdle

In this subject the student will concentrate on the production of a substantial body of work which demonstrates an understanding and refinement of the concepts and contexts central to their individual art practice. The works produced will be a culmination of intensive research and study within the area of Photo Print Media. The investigation is entirely initiated by the student and undertaken with lecturer supervision. It is expected that students will continue to refine the digital/analogue technical skills appropriate to the concerns in their work. Students are directed toward an analysis and critical awareness of current visual arts practices and issues. Interdisciplinary studies are encouraged where relevant to the projects undertaken. A program of lectures will provide a conceptual framework and indicate areas of self-guided research. Exhibition of work outside the university is encouraged.

**Pre-requisite:** BVA2PPT4.

**Co-requisite:** BVA3PPW5.

**Class requirements:** 1-hour lecture, 2-hours supervised studio, 3-hours consultation/critiques and self directed studio per week.

**Assessment:** Exhibition (40%), folio (60%). Students must complete a student initiated group exhibition off-campus and folio of 20 prints or negotiated equivalent and annotated visual journal.

### Preliminary reading:

Adams, Ansel and Baker, R. (1981) *The negative*. Boston: Little, Brown.

Gibson, Pamela Church and Gibson, Roma. (1993) *Dirty looks: women, pornography, power*. London: BFI Pub.

Lemagny, Jean-Claude and Rouille, Andre (eds.) (English version translated by Janet Lloyd) (1987) *Histoire la photographie. (A History of photography: social and cultural perspectives.)* Cambridge: CUP.

Wark, McKenzie. (1994) *Virtual Geography: Living With Global Media Events (Arts and Politics of the Everyday)*. Indiana Univ Press.

Wark, McKenzie. (1997) *Virtual Republic: Australia's Culture wars of the 1990's*. Allen and Unwin.

**Prescribed reading:**

Adams, Ansel and Baker, R. (1983) *The print*. Boston: Little, Brown.  
 Klepac, L. (1997) *Georgio Morandi: the dimension of inner space*.  
 Art Gallery of NSW.  
 Rodari, F. (1996) *Anatomie de la Couleur*. Paris: Bibliotheque  
 nationale de France.  
 Tyler, L. and Walker, B. (1994) *Hot Off the Press: prints and politics*.  
 University of New Mexico Press.

**PHOTO PRINT MEDIA THEORY 6 (15 CPs. Sem. II. Be.) BVA3PPT6**

Mr James McArdle

In this subject the student will concentrate on the production of a substantial body of work which demonstrates an understanding and refinement of the concepts and contexts central to their individual art practice. The works produced will be a culmination of intensive research and study within the area of Photo Print Media. The investigation is entirely initiated by the student and undertaken with lecturer supervision. It is expected that students will continue to refine the digital/analogue technical skills appropriate to the concerns in their work. Students are directed toward an analysis and critical awareness of current visual arts practices and issues. Interdisciplinary studies are encouraged where relevant to the projects undertaken.

**Pre-requisite:** BVA3PPT5.

**Co-requisite:** BVA1PPW2.

**Class requirements:** 1-hour lecture, 2-hours supervised studio, 3-hours consultation/critiques and self directed studio per week.

**Assessment:** research paper (40%), folio (60%). Students must complete a research paper of 3,000 words, class presentation and final folio exhibition.

**Preliminary reading:**

Cadava, Eduardo. (1997) *Words of light: theses on the photography of history*. Princeton, N. J. Princeton University Press.  
 Castleman, R. (1994) *A Century of Artists Books*. New York: Museum of Modern Art.  
 Dery, Mark. (1996) *Escape Velocity: Cyberculture at the End of the Century*. Grove: Atlantic.  
 Herve Guibert (translated from the French by Robert Bononno) (1996) *Ghost image*. Los Angeles, Calif.: Sun & Moon Press.  
 Rosenblum, Naomi. (1994) *A History of women photographers*. Paris: Abbeville Press.  
 Shawcross, Nancy M. (1997) *Roland Barthes on photography: the critical tradition in perspective*. Gainesville: University Press of Florida.

**Prescribed reading:**

Clarke, Graham. (1992) *The Portrait in photography*.  
 Clark, Jr Dodswoth (ed.) (1997) *Digital Illusion: Entertaining the Future With High Technology* (Siggraph Series). Addison-Wesley Pub Co.  
 Padon, T. and Graves, N. (1996) *Nancy Graves: Excavations in Print*. New York: Abrams.  
 Turkle, Sherry (1997) *Life on the Screen: Identity in the Age of the Internet*. Touchstone Books.

**PHOTO PRINT MEDIA WORKSHOP 1 (15 CPs. Sem. I. Be.)**

BVA1PPW1 Mr James McArdle

Self contained fully supervised workshops which introduce students to the media of Photography Printmaking and Multimedia and the basic concept of the multiple. Workshops are provided over four week blocks simultaneously in each of the three media. Students opt to attend in either the Photography, Printmaking or Multimedia studios for the duration of each workshop, then moving on to the subsequent workshop in the same or another of the Photo Print Media Workshop subject.

Each workshop results in an assessable assigned work in the chosen medium. Workshops over three week blocks contain a lecture/demonstration and lecturer supervision of student investigations and production, with some time for self-directed study.

Assigned tasks will engage students in responding to conceptual challenges through which they will learn the elementary techniques and methods of these media, health and safety strategies and the appropriate use of tools.

**Class requirements:** 1-hour lecture, 2-hours staff contact per week.

**Assessment:** Assignments (100%). Students will complete four assignments of equal value.

There is a thematic basis for the four assignments which will concentrate on the production of sets of images, as an introduction to the serial media. Assignment requirements are:

1. five images forming letters of a word,
2. a diptych,
3. a sequence and
4. a narrative.

**Prescribed reading:**

Warren, Bruce. (1993) *Photography*. Minneapolis St. Paul: West Pub. Co.  
 Adobe Development Team ed. (1998) *Adobe Photoshop 5 Classroom in a Book*. Hayden Books.  
 Adobe Development Team ed. (1997) *Adobe Illustrator 7 Classroom in a Book*. MacMillan Computer Pub.

**PHOTO PRINT MEDIA WORKSHOP 2 (15 CPs. Sem. II. Be.)**

BVA1PPW2 Mr James McArdle

Self contained fully supervised workshops providing foundation studies in the media of Photography Printmaking and Multimedia. Students will be expected to build on their initial investigations of these media to develop more advanced concepts and investigations in the use of the print media for the solution of set problems.

Reference will be made to the historical and contemporary precedents in the use of these media in the portrait genre.

Workshops are provided over four week blocks offered simultaneously in each medium. Students opt to attend in either the Photography, Printmaking or Multimedia studios for the duration of each workshop, then moving on to the subsequent workshop in the same or another of the Photo Print Media Workshop subject.

Each workshop results in an assessable assigned work in the chosen medium. Workshops over four week blocks contain a lecture/demonstration and lecturer supervision of student investigations and production, with some time for self-directed study.

**Prerequisite:** BVA1PPW1.

**Class requirements:** 1-hour lecture, 2-hours staff contact per week.

**Assessment:** assignments (100%). Students will complete four assignments of equal value.

There is a thematic basis for four assignments which will concentrate on aspects of the portrait (two assignments) and self-portrait (one assignment), as well as an exercise exploiting the fundamental characteristics of the selected media (one assignment).

**PHOTO PRINT MEDIA WORKSHOP 3 (15 CPs. Sem. I. Be.)**

BVA2PPW3 Mr James McArdle

Self contained workshops providing intermediate-level instruction and experimentation in the media of Photography Printmaking and Multimedia. It is expected that students will achieve the technical competence in their chosen media as will allow more advanced concepts to be investigated. Particular emphasis will be given to abstraction and montage processes with reference to historical and contemporary practice. Workshops are provided over four week blocks offered simultaneously in medium. Students opt to attend in either the Photography, Printmaking or Multimedia studios for the duration of each workshop, then moving on to the subsequent workshop in the same or another of the Photo Print Media Workshop subject. Each workshop results in an assessable assigned work in the chosen medium. Workshops over three week blocks contain a lecture/demonstration and lecturer supervision of student investigations and production, with some time for self-directed study.

**Pre-requisite:** BVA1PPW2.

**Class requirements:** 1-hour lecture, 2-hours staff contact per week.

**Assessment:** Assignments (100%). Students will complete three assignments of equal value.

There is a common thematic basis across the subject for three assignments:

1. Non - Objective Imagery,
2. Photomontage,
3. The 'Artificial' Landscape.

**Prescribed reading:**

Haynes, Barry and Crumpler, Wendy. (1997) *Photoshop 4 artistry: a master class for photographers, artists, and production artists*. New Riders Pub.

Adams, C. (1996) *Second Impressions; Modern Prints & Printmakers Reconsidered*. University of New Mexico Press.

Golding, Stephen (1997) *Photomontage: a step-by-step guide to building pictures*. Rockport Publishers.

**PHOTO PRINT MEDIA WORKSHOP 4 (15 CPs. Sem. II. Be.)**

BVA2PPW4 Mr James McArdle

Self contained, fully supervised workshops are provided over four week blocks offered simultaneously with options in either the Photography, Printmaking or Multimedia studios. Students are expected to advance previous knowledge and experience of chosen media to achieve a higher level of proficiency and confidence in realising contemporary concepts.

Each workshop results in an assessable assigned work in the chosen medium. Workshops over three week blocks contain a lecture/demonstration and lecturer supervision of student investigations and production, with some time for self-directed study.

**Prerequisite:** BVA2PPW3.

**Class requirements:** 1-hour lecture, 2-hours staff contact per week.

**Assessment:** assignment (100%). Students will complete three assignments of equal value.

There is a common thematic basis for practical assignments across the three media involving the production of images dealing with:

1. Art as Social Document,
2. The Narrative,
3. The Body.

**Prescribed reading:**

Warren, Bruce. (1993) *Photography*, Minneapolis St. Paul :West Pub. Co.

Adobe Development Team (ed.) (1998) *Adobe Photoshop 5*

*Classroom in a Book*, Hayden Books.

Adobe Development Team ed. (1997) *Adobe Illustrator 7 Classroom in a Book*. MacMillan Computer Pub.

**PHOTO PRINT MEDIA WORKSHOP 5 (15 CPs. Sem. I. Be.)**

**BVA3PPW5** Mr James McArdle

Self contained, fully supervised workshops are provided over four week blocks offered simultaneously with options in either the Photography, Printmaking or Multimedia studios. Students will advance their individual application of these media by planning and implementing a study program in consultation with lecturers in the Photo Print Media that will allow them to express personal concepts. Each workshop results in an assessable assigned work in the chosen medium. Workshops over four week blocks contain a lecture/demonstration and lecturer supervision of student investigations and production, with some time for self-directed study.

**Prerequisite:** BVA2PPW4.

**Class requirements:** 1-hour lecture, 2-hours staff contact per week.

**Assessment:** Assignment (100%). Students will complete three assignments of equal value.

Three practical assignments involving the production of images as contracted will be negotiated and are to form discrete studies of appropriate technical aspects of media selected.

**Prescribed reading:**

Woods, Louise (1996) *Practical print making: the complete guide to the latest techniques, tools and materials*. London: New Burlington Books.

Seigal, David (1996) *Creating Killer Web Sites: The Art of Third-Generation Site Design*. 2nd edn, Hayden Books. .

Meyer, Pedro. (1995) *Truths & Fictions: A Journey from Documentary to Digital Photography*. Aperture.

**PHOTO PRINT MEDIA WORKSHOP 6 (15 CPs. Sem. II. Be.)**

**BVA3PPW6** Mr James McArdle

Self contained, fully supervised workshops are provided over four week blocks offered simultaneously with options in either the Photography, Printmaking or Multimedia studios. Students complete their course of investigation in these media through the development of a personal program of study in consultation with lecturers, with the expectation that they will produce work that demonstrates sophisticated levels of understanding.

Each workshop results in an assessable contract of work in the chosen medium. Workshops over four week blocks contain a lecture/demonstration and lecturer supervision of student investigations and production, with some time for self-directed study.

**Prerequisite:** BVA3PPW5.

**Class requirements:** 1-hour lecture, 2-hours staff contact per week.

**Assessment:** Assignment (100%). Students will complete three assignments of equal value.

Three assignments will be negotiated and are to form discrete studies of appropriate technical aspects of media selected.

**Prescribed reading:**

Padon, T. (1996) *Nancy Graves: excavations in print*. Abrams.

Clark, Jr Dodsworth (ed.) (1997) *Digital Illusion: Entertaining the Future With High Technology* (Siggraph Series). Addison-Wesley Pub Co.

Adams, Ansel. (1981) *The negative*.

Adams, Ansel. (1983) *The print*.

**PHOTOJOURNALISM 1 (15 CPs. Sem. I. Be.) BFA1J1** Ms Julie Millowick

This unit concentrates on photography as a means of interpreting the world through 'found' imagery. It provides a thorough introduction to the aesthetics, techniques of photography and its contemporary and historical applications. Students are provided with a practical grounding in the basics of black and white photography. This is a challenging, demanding and rewarding course. Consult our Web site for further information <http://www.sae.bendigo.latrobe.edu.au/visart/sections/photo.htm>.

**Class requirements:** four hours per week.

**Assessment:** folio (60%), assignment (40%).

**Prescribed reading:**

Warren, Bruce. (1993) *Photography*.

**PHOTOJOURNALISM 2 (15 CPs. Sem. II. Be.) BFA1J2** Ms Julie Millowick

The emphasis is on the constructed image. In 'making' photographs, rather than 'taking' them, students are exposed to the issues of style, appropriation and genre as well as gaining skills in lighting and studio use. A workshop component provides individual consultation time for photo-journalism students. Consult our Web site for further information. <http://www.sae.bendigo.latrobe.edu.au/visart/sections/photo.htm>.

**Prerequisite:** BFA1J1.

**Class requirements:** four hours per week.

**Assessment:** folio (60%), assignment (40%).

**Prescribed reading:**

Warren, Bruce. (1993) *Photography*.

**PHOTOJOURNALISM 3 (15 CPs. Sem. I. Be.) BFA2J3** Ms Julie Millowick

The basis of this unit is the manipulated image. Students explore contemporary and historical theory, aesthetics and ethical issues relevant to montage in photo-journalism, photography and surrealism, photo-montage, the photograph as a social document, the urban landscape and the implications of electronic imaging. The techniques of colour printing, advanced black and white printing, digital imaging and reprography, as well formats larger than 35 mm are used in the production of assigned work and an individual folio. A supervised workshop component provides individual consultation time for photo-journalism students in the development of photo essays.

**Prerequisite:** BFA1J2.

**Class requirements:** two hours of contact and two hours of non-contact, per week.

**Assessment:** folio (60%), assignment (40%).

**Prescribed reading:**

Warren, Bruce (1993) *Photography*.

**PHOTOJOURNALISM 4 (15 CPs. Sem. II. Be.) BFA2J4** Ms Julie Millowick

The emphasis of this unit is on 're-inventing' photography to serve the purposes of the students' own ideas and production. Practical experience of audio visual and video production, alternative processes and digital imaging provide new means of expression. Lectures and tutorials enquire into contemporary theoretical issues that deal with photo media and culture. A supervised workshop component provides individual consultation time for photo-journalism students in the development of photo essays.

**Prerequisite:** BFA2J3 or BFA2PH3.

**Class requirements:** two hours of contact and two hours of non-contact, per week.

**Assessment:** folio (60%), assignment (40%).

**Prescribed reading:**

Warren, Bruce (1993) *Photography*.

**PHOTOJOURNALISM 5 (15 CPs. Sem. I. Be.) BFA3J5** Ms Julie Millowick

The development of a published or exhibited photo essay or multimedia presentation is the focus. Theory studies and technical experimentation are designed to expand the students' range of skills and understanding of contemporary issues and ideas relating to their own work.

**Prerequisite:** BFA2J4.

**Class requirements:** two hours of contact and two hours of non-contact, per week.

**Assessment:** exhibition or folio (100%).

**Prescribed reading:**

Warren, Bruce (1993) *Photography*.

**PHOTOJOURNALISM 6 (15 CPs. Sem. II. Be.) BFA3J6** Ms Julie Millowick

The main task of a student at this stage of their course is to research and produce a coherent concentrated body of work of an individual nature. Accordingly, classes are based on individual student needs, augmented by individual consultation with lecturers. Students are assisted in carrying out practical and theoretical research based on their own work. Where possible, individual contracts will be undertaken in consultation with the student's own school.

**Prerequisite:** BFA3J5.

**Class requirements:** two hours of contact and two hours of non-contact, per week.

**Assessment:** research (30%), folio (70%).

**Prescribed reading:**

Warren, Bruce (1993) *Photography*.

**PHYS102 GENERAL PHYSICS (15 CPs. Sem. II. Be.) BPH102 Dr Katherine Legge**

Topics covered include: Kinematics, Dynamics, Work and energy, Fluids at rest, Heat and temperature, Electrostatics, Current and voltage, DC circuits, Geometrical optics, Radioactive decay. The application of physics concepts are applied to a range of problems associated with biology, metallurgy, geology and chemistry.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (40%), 1-hour test (20%), laboratory reports (20%), assignment (20%).

**Prescribed reading:**

Jones, R. E. and Childers, R. L. (1993) *Contemporary College Physics*, 2nd edn, Addison Wesley.

**PHYS110 PHYSICS 1A (15 CPs. Sem. I. Be.) BPH110 Dr Katherine Legge**

This subject provides opportunities to build on skills learned in year 12 physics, to develop problem solving techniques, to promote a conceptual understanding of physics and to provide an introduction to a further study in the physical sciences. Topics Covered are:

Vectors, kinematics in one dimension, kinematics in two dimensions. Dynamics, friction forces, gravitation. Kinematics and dynamics of circular motion. Work, energy, power, impulse, momentum, conservation of energy, conservation of momentum. Rotational kinematics and dynamics. Fluids at rest, pressure, Archimedes Principle, Pascal Principle, surface tension, capillarity. Hydrodynamics, Bernoulli's Equation, viscosity. Simple harmonic motion: damped motion, resonance. Wave motion: types of waves, characteristics of waves, standing waves, resonance. Heat and temperature, thermal expansion, heat capacity, change of state, heat transfer. Kinetic theory of gases: ideal gas, molecular interpretation of temperature.

**Prerequisite:** VCE Physics 3 and 4 and Mathematical Methods 3 and 4 or equivalent.

**Class requirements:** six hours per week.

**Assessment:** 3-hour examination (60%), one 1-hour test (15%), laboratory work and reports (15%), assignments (10%). A mark of at least 40% must be obtained for the examination. The assignments will consist of selected problems.

**Prescribed reading:**

Halliday, D., Resnick, R. and Walker, J. (1997) *Fundamentals of Physics*, 5th edn, New York: John Wiley & Sons.

**PHYS120 PHYSICS 1B (15 CPs. Sem. II. Be.) BPH120 Dr Katherine Legge**

This subjects aims to extend the range of physics concepts undertaken in Physics 110 and so complete a foundation course in the fundamentals of physics. Topics covered include Static electricity, electric charge, electric field, Gauss's Theorem, potential, capacitance, capacitors, dielectrics. Magnetism, magnetic field, motion of charge in magnetic field, Hall effect, applications of magnetic fields. Sources of Magnetic field, Electromagnetism: induced EMF, Faraday's Law, back EMF, Transformers, generators. Wave nature of light: interference, diffraction, polarisation. Atomic and Nuclear physics: quantum concept, photoelectric effect, early models of the atom, Bohr model, de Broglie's Hypothesis. Nuclear physics, nuclear forces, radioactivity, half life, fission and fusion, nuclear energy.

**Prerequisite:** VCE Physics units 3 and 4. And Mathematical Methods 3 & 4 or equivalent.

**Class requirements:** six hours per week.

**Assessment:** one 3-hour examination (60%) one 1-hour test (15%) laboratory work and reports (15%), assignments (selected problems) (10%). A mark of at least 40% must be obtained for the examination.

**Prescribed reading:**

Halliday, D., Resnick, R. and Walker, J. (1997) *Fundamentals of Physics* 5th edn, John Wiley & Sons.

**PHYSICAL ED PEDAGOGY (20 CPs. Sem. I & II. Be.) BPE4PEP Mr Gary Crouch.**

*Not available in 2000.*

**PHYSICS - TEACHING METHOD (20 CPs. All year. Be.) BSE5PM**

This subject prepares students for the teaching of general science and senior physics. Topics discussed include an introduction to junior science curriculum materials, learning theories and science teaching, primary-secondary transition with respect to science concepts and skills, writing and using objectives, identifying objectives in published materials, assessment methods for different teaching strategies (check lists, laboratory work, skills and attitudes), lesson planning, and writing teaching units (safety and legal responsibility in science teaching), the aims and objectives of VCE physics, consideration of VCE units, assessment practices, CATS, discussion

of options, projects for years 11 and 12, the use of audio-visual aids and computers and technology in physics and laboratory organisation.

**Prerequisite:** sub-major study in physics in an approved Degree.

**Class requirements:** two hours per week Semester 1 & 2.

**Assessment:** four assignments (100%).

**POLITICAL IDEOLOGIES (20 CPs. Sem. I.) BSPC23PI Dr Ardel Shamsullah**

The subject primarily focuses on the political ideologies which have profoundly influenced political debate in the modern world. As such, the ideologies of liberalism, socialism, feminism, anarchism, fascism, conservatism, nationalism and environmentalism are examined. Important political ideals, such as democracy, equality and human rights are discussed, as are concepts such as power and the state.

**Class requirements:** one 1-hour lecture and one 2-hour tutorial, per week.

**Assessment:** 2,000-word essay (35%), 2,000 word essay (35%), seminar paper (20%), tutorial participation (10%).

**Prescribed reading:**

Heywood, A. (1998) *Political Ideologies: An Introduction*, Houndmills: Macmillan.

**POLITICAL INTERESTS IN AUSTRALIA (20 CPs. Be., Mi., Sh.) BPAU23AP**  
*Not available in 2000.***POLITICAL SOCIOLOGY (20 CPs. Sem. I. Be.) BPS23PS Mr Ian Tulloch**

A comprehensive analysis is made of the concepts of the 'state' and 'power' utilising a range of contending socio-political perspective's. There is particular focus on how these concepts can be understood in an Australian context. Topics include the origins and rise of the modern state (liberal-democratic, conservative), feminist and Marxist interpretations of the state, the 'welfare state', transformation in Eastern Europe, the way power can be interpreted and understood and the impact of trans-national companies and new trading blocks on the nation state.

**Prerequisite:** BSPC101 and BSPC102.

**Class requirements:** two hours of lectures and 1-hour of tutorial, per week.

**Assessment:** 1,200-word article review (20%), 2,000-word major essay (45%), tutorial presentation (25%), participation (10%).

**POLITICS HONOURS THESIS (72 CPs. All year. Be.) BP4THES Mr Ian Tulloch**

Students are required to select and, under supervision, to investigate and write a dissertation on an individual research topic. The topic chosen must be one for which the University can provide adequate supervisory and library resources.

**Class requirements:** 1-hour supervision per week.

**Assessment:** 10,000 - 12,000 word thesis (100%).

**POLITICS OF ENVIRONMENT (24 CPs. Sem. II. Be.) BP4ENV Mr Ian Tulloch**

An examination of the emergence and development of environmentalism as a major political concern. The emergence of 'green politics' is examined, first through a study of the German greens and the Tasmanian environmental movement and through a review of the development of a broader Australian movement. Environmentalism as a political ideology and a new social movement is discussed in the context of its impact on national and international politics.

**Prerequisite:** subject to honours prerequisites.

**Class requirements:** three hours per week.

**Assessment:** 3,000-word essay (40%), 4,000-word essay (60%).

**POLLUTION MANAGEMENT 1 (15 CPs. Sem. I. Be.) BEN4PM1 Dr John Russell**

This subject provides an understanding of the principles and practice of waste management and pollution control relating to wastewater, solid wastes, resource and energy recovery and risk assessment and hazard analysis. Topics covered include: Design of wetlands for wastewater treatment, collection, transport and processing of solid wastes, design and operation of sanitary landfills, hazardous waste disposal, waste material and energy recovery systems, development of cleaner production technology, principles of toxicology and risk analysis. Team case studies of industrial waste treatment.

**Prerequisites:** BBI207 and BCH110.

**Class requirements:** five hours per week – lectures are to be delivered by Video conferencing from Wodonga campus. Tutorials and laboratory classes delivered at Bendigo.

**Assessment:** 3-hour examination (60%), practical reports and assignments (40%).

**Prescribed reading:**

Metcalf & Eddy, *Wastewater Engineering: Treatment and Disposal*. McGraw Hill.

Peavy, H. S., Rowe, D. R. and Tchobanoglous, G. *Environmental Engineering*. McGraw Hill.

**POLLUTION MANAGEMENT 2 (15 CPs. Sem. II. Be.) BEN4PM2 Dr John Russell**

This subject provides an understanding of the principles and practice of waste management and pollution control relating to agricultural and industrial wastes, environmental audits and impact assessment. Topics covered include: Types and sources of agricultural pollution. Waste management in intensive animal production industries. Characteristics, storage, treatment and disposal of solid and liquid wastes. Concepts and philosophy of environmental audits and impact assessment, including policy, legislation and administration at national, state and local level. Team case studies of environmental audits and impact assessment.

*Prerequisite:* BB1207 AND BCH110.

*Class requirements:* five hours per week – lectures will be delivered by Video conferencing from Wodonga campus. Tutorials and laboratory classes delivered at Bendigo.

*Assessment:* 3-hour examination (60%), practical reports and assignments (40%).

**Prescribed reading:**

Metcalf & Eddy. *Wastewater Engineering: Treatment and Disposal* McGraw Hill.

Zchenfelder, W. W. *Industrial Water Pollution* McGraw Hill.

**POSITIVE BEHAVIOUR PLANS (15 CPs. Sem. I. Be.) BES5BP Dr Dixie Blanksby**

This subject provides an analysis of forms of challenging behaviour which occur in schools and other settings and offers frameworks for understanding their aetiology. An examination of the philosophical and ethical issues underpinning program design and behaviour change management is included. The subject assists students to develop the skills necessary to generate positive and effective programs to meet the contextual and personal demands associated with challenging behaviours in a range of settings. The design implementation and evaluation of a behavioural program constitutes a central component of this subject.

*Class requirements:* equivalent of four hours per week, this could include full day classes during weekends or school vacations.

*Assessment:* case study (10%), 5,000 word assignment (90%).

**POST COLONIAL CHILDREN'S LITERATURE (15 CPs. Sem. I. Be., Mi.) BEE3PCCL Dr Vaughan Prain**

This subject studies the emergence of a range of writing and reading positions and diverse 'hybrid' and re-worked genres in recent children's literature in response to various post-colonial experiences and contexts. These positions include interpretations from the perspective's of European authors, as well as diasporic and subaltern viewpoints. Such genres as autobiography, myths, legends, picture books and contemporary fantasy are analysed. Texts in English, as well as texts originating from non-English-speaking countries, are studied.

*Prerequisite:* normally BEE2ACL.

*Class requirements:* two 1-hour lectures and, two hours of tutorial, per week.

*Assessment:* 1,500-word assignment (30%), four topic assessments (20%), examination (50%).

**PRIMARY HEALTH CARE (15 CPs. Sem. II. Be.) BHS4PHC Ms Glenda Verrinder**

This subject explores the concepts, principles and strategies surrounding primary health care. An overseas field trip may be available to Fiji, where students will have an opportunity to: identify key political and cultural issues which have influenced the health of the people of Fiji; contrast major traditional and contemporary life style patterns amongst the people of Fiji; and demonstrate and understanding of the major aspects in health care delivery which have significance for the people of Fiji.

*Prerequisite:* Bachelor of Nursing students must have successfully completed all first year subjects.

*Class requirements:* three hours per week.

*Assessment:* assignment (30%), project (70%).

**PRINCIPLES OF MATHEMATICS (15 CPs. Sem. I. Be.) BMATHPRM Dr Christopher Lenard**

This subject gives students a firm grounding in basic algebra and introduces them to some mathematical concepts which prepare them for later subjects, especially those in the Bachelor of Computing course. Topics covered include elementary algebra, equations and inequalities, functions and graphs, polynomial and rational functions, systems of linear equations and logarithmic and exponential functions. A special feature of this subject is the mathematical

formulation and solution of problems prompted by real-world applications. Students who have completed any year 12 mathematics at a satisfactory standard, or any other subject offered by the Division of Mathematics, may not enrol in this subject without the permission of the Head of Division of Mathematics.

*Class requirements:* four hours per week.

*Assessment:* Cumulative Assessment (100%). Marks and grades will be awarded according to the number of modules successfully completed within the teaching period. Successful completion of a module will be demonstrated by achieving 85% for a short test for that module.

**PRINTMAKING 100 (15 CPs. Sem. I. Be.) BFA8PM1E Mr John Robinson**

A coverage of traditional forms of printmaking, relief, intaglio, lithography, allowing scope for the student to be selective and pursue area of interest. Technical and curatorial aspects will be fully covered as will presentation and conservation of prints.

*Class requirements:* 3-hours: 2-hours practical, 1-hour guided, self-directed studio research, per week.

*Assessment:* assignment (40%), folio (60%).

**PRINTMAKING 200 (15 CPs. Sem. II. Be.) BFA8PM2E Mr John Robinson**

Experimental and innovative forms of printmaking developed alongside traditional ways of working. Students have the option of extending the boundaries of printmaking – mono-printing linked to painting and drawing, photo imagery, use of different surfaces for imagery or developing expertise in one area, e.g. Decal screen printing, stone lithography.

*Class requirements:* 3-hours: 1-hour guided, self-directed studio research, 2-hours lecture or practical, per week.

*Assessment:* assignment (40%), folio (60%).

**PROBABILITY (15 CPs. Sem. I. Be.) BMATHPRB Professor Terry Mills**

Probability theory is the mathematician's approach to describing chance and measuring risk. In this subject we explore the mathematical basis of probability theory and sample some contemporary applications.

*Prerequisite:* BMATHMS2.

*Class requirements:* four hours per week, or 3-hours on one evening per week.

*Assessment:* 3-hour examination (50%), two assignments (50%).

**Prescribed reading:**

Mills, T. M. (1999) *Problems in Probability* La Trobe University, Bendigo.

**PROFESSIONAL ENVIRONMENT (15 CPs. Sem. II. Be.) BITPRE Ms Lorraine Staehr**

To provide the opportunity for students to orientate themselves to the professional aspects of practising in the computing field; to learn about ethical and legal responsibilities, to consider social implications of their work, to do independent research and to further develop oral and written communication skills.

*Prerequisite:* graduate diploma students; permission of the coordinator. Undergraduate students; for final year students only.

*Class requirements:* three hours per week.

*Assessment:* class participation (15%), 'Social Aspects' 2,500 word report (20%), debate and written essay of 2,500 words (20%), ethical case assignment of 750 words (15%), two negotiated assignments of 750 words each (30%). All components of the assessment must be submitted.

**PROFESSIONAL STUDIES A (15 CPs. Sem. I. Be., Mi.) BVA3PSA Mr David Stuchbery**

This subject introduces students to the commercial aspects of arts practice, with emphasis on arts marketing, legal aspects, government agencies and assistance, plus small business practice. Topics include marketing, gallery systems, audience demographics, commercial studios, regional and national networks, funding bodies, copyright, ownership and protection, grant application and responsibilities (invoicing, records management and taxation), royalties and curriculum vitae preparation.

*Class requirements:* two hours per week.

*Assessment:* two written presentations/assignments including a curriculum vitae assignment (40%), research project on a work placement proposal (40%), written test (20%).

**PROFESSIONAL STUDIES B (15 CPs. Sem. II. Be., Mi.) BVA3PSB Mr David Stuchbery**

Students are required to undertake a professional experience project, such as a work placement, or industrial experience for a minimum of one week up to a maximum of two weeks (to be taken at either the mid-year break or early in semester two) or an exhibition program.



**Class requirements:** practical placement of one to two weeks, a tutorial presentation and 1-hour per week for four weeks.

**Assessment:** written report (50%), oral presentation (50%).

**PROGRAM DEVELOPMENT 1 (15 CPs. Sem. I. Be.) BHS3PD1 Ms Denise Main**

This subject addresses program issues of definition, design and evaluation in the context of the current health care system. Content includes basic elements of health programs, needs assessment, program development, implementation and evaluation, finance and budgeting and monitoring and evaluation.

**Class requirements:** three hours per week.

**Assessment:** poster presentation and literature review (35%), major assessment (65%).

**Prescribed reading:**

Hawe, P., Degeling, D. and Hall, J. (1994) *Evaluating health promotion: a health workers guide*. Sydney: MacLennan and Petty.

**PROGRAMMING CONCEPTS (15 CPs. Sem. I & II. Be.) BITPCO Mr Robert Cox**

The function and use of a computer system. The programming environment. The concepts of top down problem solving using stepwise refinement and algorithm design for procedural programs. Simple data types and arrays. Modular programming and parameter passing. Application of arrays, including simple searching and sorting methods. Documentation, debugging and testing are all examined in this subject.

**Prerequisite:** Programming Environment (BITPEN) or year 12 information systems (undergraduates only), or equivalent.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (60%), practical assignments (40%). Students will complete two practical assignments. Students must obtain at least 40% on the examination component of the assessment.

**PROGRAMMING ENVIRONMENT (15 CPs. Sem. I. Be.) BITPEN Mr Brian Retallick**

This subject introduces the student to the University's computer networks and facilities. Emphasis is placed on the programming environment covering the user's and programmer's view of operating systems, software and software engineering tools and utilities on different platforms.

**Class requirements:** two hours of lectures and two hours of tutorials per week.

**Assessment:** 3-hour examination (60%), 2,000 word assignment (25%), tutorial work (15%). Students must obtain at least 40% on the examination component of the assessment.

**PROJECT MANAGEMENT (15 CPs. Sem. I. Be.) BMGTPM Dr R. Findlay Johnson**

The subject covers two aspects of engineering management, namely the management of projects and continuous production. Project management covers such areas as planning, organising, budgeting and control, project costing, supply and logistics and team building. Techniques of scheduling, the use of bar charts, CPM and PERT along with the necessary documentation are also covered. In production management, emphasis is placed on all aspects of resource usage, from new materials to productive resources. Costs and the values involved in production is also covered. Other aspects include the use of recording systems and computers in production management for determining product and process specifications and capacities available throughout the process. The philosophy and application of JIT is also considered.

**Class requirements:** four hours per week.

**Assessment:** assignments (40%), project (60%). Students will complete two assignments.

**Prescribed reading:**

Meredith, J. R. and Mantel S. J. Jr (1995) *Project Management: A Managerial Approach* 3rd edn, Wiley.

**PROMOTING EXCELLENCE (20 CPs. Sem. II. Be.) BES4PE Dr Dixie Blanksby**

This unit is not an introduction to gifted education but rather, should be taken following Gifted Education (BES4GE) or an equivalent course. This unit investigates and evaluates models of provision for gifted students at system, school and class levels. These include the differentiated curriculum, the compacted curriculum, acceleration, mentoring, flexible vertical time-tabling and enrichment programs.

**Prerequisite:** BES4GE.

**Class requirements:** four hours per week, this could include full day classes during weekends or school vacations.

**Assessment:** Program (100%). Students must complete the development of a one term program for (a) a class in a curriculum area of choice or (b) a staff professional development program.

**PROPERTY LAW (15 CPs. Sem II Be.) BLAWPRL Ms June Wilde**  
(This subject alternates with *Intellectual Property Law* each year)

This course offers business students the opportunity to study a selected list of topics forming the core of Property Law courses in law and business schools in Australia. It is aimed at equipping them with a basic legal understanding of business-related property problems such as leasing, mortgaging, land titles, property sales, multiple ownership, fixtures, covenants and easements.

**Class requirements:** three hours of lectures per week.

**Assessment:** One 3-hr examination (70%), and one 2,500-word assignment (30%).

**Prescribed reading:**

Tooher, Dwyer and Teh, G. *Introduction to Property Law* 3rd edn, (1997) Butterworths, North Ryde.

**PSYCHOLOGY STUDIES A (15 CPs. Sem. I. Be.) BHS1PHPA Mr Tim Godber**

In this subject students explore the complex interaction between health and various theories of learning, motivation and personality. In addition they examine how stress, group behaviour and psychopathology can directly and indirectly influence our health status.

**Class requirements:** one two hour lectures and one 1-hour tutorial per week.

**Assessment:** tutorial presentations and related essay (60%), 2-hour examination (40%).

**Prescribed reading:**

Sdorow, L. M. (1999) *Psychology*, New York: McGraw-Hill.

**PUBLIC HEALTH NURSING (15 CPs. Sem. II. Be.) BHS2PHN Ms Karen Riley**

In this subject students are offered the opportunity to study individuals and groups from the public health perspective. Evolving health care needs and trends of the community are examined. Topics covered include recognition of health patterns using epidemiological information and the role of community needs assessment as a means of developing primary health care strategies. Community health planning models are reintroduced in relation to its application to community and public health.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39-hours per semester.

**Assessment:** 1,750-word literature review (50%), 1,750-word needs assessment (50%).

**PUBLIC HEALTH NUTRITION (15 CPs. Sem. II. Be.) BHS3PHN Ms Lyn Talbot**

Students become familiar with the biochemistry and physiology of energy nutrients appropriate to public health practice and understand the factors influencing the nutritional status of populations. Nutrition policies and strategies will be critiqued. Building on this information and the principles of public health, they develop the skills necessary to assist community members to translate knowledge into practice.

**Prerequisite:** all first year subjects. Public Health Principles: BHS3PH.

**Class requirements:** three hours per week of lectures/seminars.

**Assessment:** 2-hour examination (50%) 2,000-word assignment (50%).

**PUBLIC HEALTH PRINCIPLES (15 CPs. Sem. I. Be.) BHS3PH Ms Lyn Talbot, Ms Denise Main and Ms Glenda Verrinder**

This subject introduces students to the principles of public health and primary health care in their political and economic context. It also examines the strategies used in public health, in the context of public health planning frameworks.

**Class requirements:** three hours, with a pre-reading requirement.

**Assessment:** assignments (60%), sighted two hour examination (40%). Students will complete two group assignments and one individual assignment totalling 60%.

**Prescribed reading:**

Wass, A. (1994) *Promoting Health: A primary health care approach*. Sydney: Harcourt Brace & Co.

Ife, J. (1997) *Community Development: Creating Community alternatives - vision analysis and practice*. Melbourne: Addison Wesley Longman.

**PUBLIC HEALTH RESEARCH 1 (15 CPs. Sem. II. Be.) BHS1PHR1 Dr Erica James**

This subject demonstrates to students that there is nothing mysterious about research. Conducting research is an integral part of our daily life. People spend their lives trying to make sense of their worlds, using previous experience and knowledge. This subject introduces



the terminology and concepts necessary to be able to understand quantitative and qualitative research articles. Students are introduced to the concept of critical appraisal and participate in a qualitative analysis project and a quantitative analysis project.

**Class requirements:** three hours per week.

**Assessment:** Retrieval exercise (10%), critical appraisal assignment (20%), qualitative analysis project (20%), quantitative analysis project (20%), examination (30%).

**PUBLIC HEALTH RESEARCH 2 (15 CPs. Sem. I. Be.) BHS2PHR2 Dr Erica James**

This subject examines the basic activities involved in conducting survey research relevant to health sciences including focus group discussions, questionnaire design, writing a research proposal and ethics in research.

**Prerequisite:** Public Health Research 1 or equivalent.

**Class requirements:** three hours per week.

**Assessment:** research plan and submission to a funding body (40%), questionnaire design project (40%), and an examination (20%).

**Prescribed reading:**

Clifford, C. (1997) *Nursing & Health Care Research*. UK: Prentice Hall.

**PROPERTY LAW (15 CPs. Sem. II Be.) BLAWPRL Ms June Wilde**  
(This subject alternates with Intellectual Property Law each year)

This course offers business students the opportunity to study a selected list of topics forming the core of Property Law courses in law and business schools in Australia. It is aimed at equipping them with a basic legal understanding of business-related property problems such as leasing, mortgaging, land titles, property sales, multiple ownership, fixtures, covenants and easements.

**Class requirements:** 3-hours lectures per week.

**Assessment:** 3-hours examination (70%), 2,500-word assignment (30%).

**Prescribed reading:**

Toohar, Dwyer and Teh, G. (1997) *Introduction to Property Law* 3rd edn, Butterworths, North Ryde.

**QUALITY CONTROL (15 CPs. Sem. II. Be.) BMATHQUC Ms Lex Milne**

The terms 'quality control', 'quality assurance', 'total quality management', 'world's best practice' and 'benchmarking' are now used frequently in industry and government. This subject provides an introduction to the study of quality through statistics. Topics covered include probability distributions, control charts, process capability studies, acceptance sampling and reliability methods.

**Prerequisite:** BMATHFOR or BMATHEXD.

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%).

Students will complete two assignments.

**Prescribed reading:**

Mitra, A. (1998) *Fundamentals of Quality Control and Improvement*, 2nd edn, Macmillan, New York.

**RATIONALITY (24 CPs. Be.) BS4RAT Mr Gerry Gill**

Not available in 2000.

**READING AND TRANSLATING CHINESE A (15 CPs. Sem. I. Be.)**

**BCI4RTA Dr Li Zhang**

Students undertake extensive supervised readings of advanced Chinese language materials drawn from a variety of sources. A range of Chinese-English translation skills are introduced. The main focus is on modern Chinese texts, but students are also introduced to some old vernacular texts and simple texts in classical Chinese.

**Prerequisite:** BCI3MD.

**Class requirements:** three hours per week.

**Assessment:** reading reports (30%), essays (40%), translation projects (30%).

**READING AND TRANSLATING CHINESE B (15 CPs. Sem. II. Be.)**

**BCI4RTB Dr Li Zhang**

This is a continuation of Read and Translate Chinese A, with opportunities for students to develop professional skills in Chinese reading and translation focusing on vocational training. Seminars and workshops are arranged to study major Chinese authors and translators and to discuss the links between Australia-China relations and English-Chinese translation work.

**Prerequisite:** Read and Translate BCI2MA.

**Class requirements:** three hours per week.

**Assessment:** reading reports (30%), translation projects (30%), research report (40%).

**READINGS IN NURSING (15 CPs. All year. Be.) BHS4RIN Ms Sharon Kendall**

Offered subject to sufficient enrolments.

This subject provides students with the opportunity to select an area within nursing they wish to investigate fully. It is envisaged that the chosen topic will be investigated thoroughly through examination of the current literature.

**Class requirements:** negotiated with individual supervisors. 39 hours per semester in total.

**Assessment:** class presentation (40%) 3,000-word essay (60%).

**READINGS OUTDOOR EDUCATION HONOURS (15 CPs. Sem. I. Be.)**

**BOE4RD Dr Mary- Faeth Chenery**

Students learn to search literature comprehensively in the area in which they will conduct their research. The skills of literature review preparation are taught, including literature search and retrieval, question formulation, organisation of literature, referencing, critical and comparative analysis and writing for publication.

**Class requirements:** individual supervision equivalent to 4-hours.

**Assessment:** assignment (100%). Students must complete one major literature review assignment. This subject will contribute 20% to the final determination of honours.

**REFORM IN AMERICA 1780-1860 (24 CPs. Be.) BHP4AAR Dr Al Gabay**

Not available in 2000.

**REGIONAL APPROACHES TO HISTORY (24 CPs. Be.) BRHH4RA**

Not available in 2000.

**RENAISSANCE ART (20 CPs. Be.) BLFA23R Mr Maurie Nestor**

Not available in 2000.

**RESEARCH COLLOQUIUM (30 CPs. Sem. I. Be.) BHS4REC Ms Julie Ellis-Scheer**

This subject provides a forum for students to explore research methodologies and related issues while assisting them to select a topic and a framework for their research. It also provides the opportunity for students to defend and refine their plans for the research dissertation. Throughout the subject the student develops contact with a specific clinical area. Two presentations of work in progress are expected.

**Class requirements:** six hours per week.

**Assessment:** seminar on dissertation topic (30%), 4,000-5,000-word research proposal including literature review (70%). Students will complete a seminar on the theoretical aspects of the proposed dissertation topic.

**RESEARCH DISSERTATION (60 CPs. Sem. II. Be.) BHS4RED Ms Julie Ellis-Scheer**

Students select a topic from the Department of Nursing's research interest areas. Approval of the topic depends on the suitability of the project proposed and the availability of appropriate facilities and supervision.

**Prerequisite:** BHS4REC, BHS5NUK, BHS5CRT.

**Class requirements:** approx. 12-hours, which includes attendance at seminar presentations and regular consultation with research supervisors.

**Assessment:** 9,000-10,000-word dissertation (100%). Word limit excludes appendices.

**RESEARCH METHODS (15CPs. Sem. I. Be.) BMGTXRS Dr John Pacher**

Topics covered in this subject include: Introduction to research, planning research projects, examining the literature, statistical data and analysis, and presentation of research findings.

**Prerequisites:** Entry to the Bachelor of Business (Honours) in Accounting or the Master of Business.

**Class requirements:** one 3-hour seminar for one semester.

**Assessment:** cumulative assessment (100%).

**RESEARCH METHODS OUTDOOR EDUCATION HONOURS (15 CPs.**

**Sem. I. Be.) BOE4RM Dr Mary-Faeth Chenery**

This subject provides an introduction to research in education, largely from a qualitative perspective. The skills of question formulation, literature analysis, research design, research methods, sampling, data collection, data analysis and research report writing are taught. Students develop a research proposal and critically analyse published research.

**Class requirements:** supervised reading and consultation equivalent to four hours per week.

**Assessment:** assignments (100%). An ungraded pass will be based on two assignments (research design and paper critique).

**RESEARCH PROJECT (PH) (15CPs. Sem. II. Be.) BHS8RPR Ms Sandra Kippen**

This subject examines environmental health issues in conjunction with issues of land management and water quality in a variety of environments. Students will be expected to identify a health issue and to research it in an environmental context. The background theory is provided through lectures and practical classes and the major focus of the course is on field studies.

**Class requirements:** Equivalent of 6 hours per week in form of lectures, practical and field work. Field work is compulsory and includes day trips and at least one weekend field camp.

**Assessment:** Practical and field performance including submitted reports, poster and class presentations (70%), 2-hour examination (30%).

#### **RESEARCH PROJECT OUTDOOR EDUCATION HONOURS (50 CPs.**

**Sem. II. Be.) BOE4RP Dr Mary-Faeth Chenery**

Students develop a research proposal to study a question in the field of outdoor education, conduct the study and prepare a report of the results.

**Prerequisite:** BOE4RM.

**Class requirements:** individually supervised with workload equivalent to between 9 and 12 contact hours.

**Assessment:** assignments (100%) A graded assessment will be based on a 10,000-word research project assessed by two examiners. This subject will contribute 60% to the final determination of honours.

#### **RESEARCH THEORY & METHOD (30 CPs. All year. Be.) BES5RTM Mr Tony Potts**

A program of individual readings and assignments negotiated with the lecturer in charge. Qualitative and quantitative research methods are studied.

**Prerequisite:** MEd candidature.

**Class requirements:** 60-hours.

**Assessment:** assignments (100%). Students will complete three assignments.

#### **RESEARCHING CLASSICAL TRADITION (15 CPs. All year. Be.)**

**BWT4RCT Dr Roger Swarder**

This subject is introductory to the range of research work currently undertaken at La Trobe in the area of the Greek and Roman Heritage, or Classical Tradition. It will take the form of a regular seminar throughout the year attended by all students enrolled in the Graduate Diploma in Greek and Roman Heritage and academics working in different areas of the field.

This forum will enable: (i) presentation of papers addressing both methodology and content, by academics; (ii) seminar discussion of the different methodologies and discourses relevant to both classical studies themselves and the traditions they have generated; and (iii) student presentation of research essay proposals.

**Prerequisite:** Any undergraduate degree.

**Class requirements:** 2-hour seminar per fortnight.

**Assessment:** 3000-word essay (100%).

#### **Prescribed reading:**

Beard, M. and Henderson, J. (1995) *Classics: A Very Short Introduction*, Oxford.

#### **REVOLUTIONARY EUROPE (15 CPs. Sem. II. Be., Mi., Sh.) BH1REV**

**Dr Charles Fahey**

While the subject concentrates on their 20th century apotheosis, the subject takes as its theme the 'dual' industrial versus political revolutions which transformed European societies c. 1640 to 1940.

**Class requirements:** two hours of lectures and 1-hour of tutorial, per week.

**Assessment:** tutorial paper (30%), class participation (10%) essay (30%), examination (30%).

**Preliminary reading:** Fox, E. W. (1991) *The Emergence of the modern European world*. Oxford.

#### **ROMANTIC MOVEMENT (20 CPs. Sem. II. Be.) BLFA23RM Dr Roger Swarder**

Explores the origins of such modern ideas as revolution, creativity, sexual liberation, nature, history. Attention concentrates on the high Romantic poets - Blake, Wordsworth, Coleridge, Keats; but some attention may also be given to Romantic painting and music.

Additional texts introduce Romantic theories of the imagination, Romantic Satanism, and the death of Romanticism. The theme of the subject is an examination of the success or failure of Romantic art and idealism as answers to present problems.

**Prerequisite:** normally BL2MM or BL2AMLIT

**Class requirements:** 2-hours lectures, 1-hour tutorial.

**Assessment:** assignment (20%), class test (20%), class participation (10%), 2-hour written examination (50%).

#### **Prescribed reading:**

Williams, Oscar (ed.) *The Mentor book of major British poets* (for the poems of Blake, Wordsworth, Coleridge & Keats.

Bronte, Emily *Wuthering Heights*. Signet.

Lermontov, *A Hero of Our Time*, Pengui.

#### **ROME AND CLASSICISM (24 CPs. Sem. I. Be.) BT4RC Mr John Penwill**

The nature and quality of Roman civilisation is examined as evidenced through significant works of literature, history, philoso-

phy, and art, produced in the period 60 BC to 120 AD. In particular it looks at the Romans' sense of themselves as inheritors of and contributors to a culture that we have come to know as 'classical', the role of, and value ascribed to, the humanities in that culture and the way in which the art and literature of particular periods function as cultural indices.

**Class requirements:** two hours per week.

**Assessment:** seminar paper (30%), major essay (60%), seminar participation (10%). Students may elect to take a 3-hour written examination in place of the major essay.

#### **Prescribed reading:**

Apuleius, (1995) *The Golden Ass*, tr P. G. Walsh. Oxford: OUP.

Catullus, (1991) *The Poems*, tr Guy Lee. Oxford: OUP.

Lucretius, (1994) *On the Nature of the Universe*, tr R. E. Latham (rev. J. Godwin). Harmondsworth: Penguin.

Ovid, (1987) *The Metamorphoses*, tr A. Melville. Oxford: OUP.

Petronius, (1994) *The Satyricon*, tr J. Sullivan. Harmondsworth: Penguin.

Tacitus, (1994) *The Annals of Imperial Rome*, tr M. Grant.

Harmondsworth: Penguin.

Virgil, (1986) *The Aeneid*, tr C. Day Lewis. Oxford: OUP.

*Supplementary Readings for Rome and Classicism*, Bendigo:

La Trobe University, 1998.

#### **RURAL HEALTH (15 CPs. Sem. II. Be.) BHS8RH2 Ms Glenda Verrinder**

*Offered subject to sufficient enrolments. This subject is taught in Block Mode delivery.*

This subject covers three modules of study, health status, health policy and health service provision, in the context of public health.

The first module examines evidence that the health status of rural and remote Australians is different to their metropolitan counterparts taking a population based approach. The second module examines Commonwealth and State rural health policy frameworks and interest groups in the policy process. The third module builds on issues arising from health status and policy frameworks, to explore their relationship to the provision of health services and the issues of best practice service provision for rural and remote Australians.

**Class requirements:** one two hours of lecture/seminars and one 1-hour of tutorial per week.

**Assessment:** examination (50%), essay (50%).

#### **RURAL SOCIOLOGICAL ISSUES (20 CPs. Be.) BSW23RUR Ms Yola Collins.**

*Not available in 2000.*

#### **SCHOOL IMPROVEMENT AND CHANGE (20 CPs. Sem. II. Be.)**

**BES4SI Ms Jennifer Sheed**

This subject examines the various ways in which school improvement has been constructed in schooling policy in Victoria. The Victorian Schools of the Future and self governing schools programs are used as case studies to examine issues central to school improvement claims. There is a particular focus on employment practices and professional recognition for teachers in Victorian schools.

**Prerequisite:** Bachelor of Teaching.

**Class requirements:** four hours per week.

**Assessment:** 4,000-word case study and seminar presentation (100%).

#### **SCI310 PROJECT (15 CPs. Sem. I & II. Be.) BSC310 Dr Sabine Wilkens**

The student undertakes a research or development project related to his or her major studies. The work follows an approved project proposal and research or development plan, which must be submitted prior to enrolment. The student must present a seminar and submit a formal written report on the project.

**Prerequisite:** completion of 180 credit points towards Bachelor of Applied Science degree.

**Class requirements:** there are no formal classes but work expectations are those of any other subject i.e. (10-12 hours per week on average for the semester).

**Assessment:** research or development work and report (100%).

#### **SCI330 COMMUNICATING SCIENCE (15 CPs. Sem. I. Be.) BSC330 Dr John Wells**

Report writing: objectives, approach, preparation, execution and revision, structure of scientific and technical reports, appropriate writing styles, storage and retrieval of information, bibliographic references, presentation of data, selection of data, preparation of tables, graphs, diagrams, and slides, and correcting proofs. Communicating science: communicating science to other scientists and to non-scientists, preparation of seminars, communication within organisations, preparation of an employment application, business letters and electronic communications.

**Prerequisite:** completion of at least 180 credit points towards the Bachelor of Applied Science degree.

**Class requirements:** four hours per week.

**Assessment:** written scientific reports (30%), oral scientific report (15%), employment application (15%), written and oral group presentation (40%).

**Prescribed reading:**

O'Connor, M. (1991), *Writing Successfully in Science*, Chapman and Hall, London.

**SCI350 ENVIRONMENTAL CASE STUDIES (15 CPs. Sem. II. Be.)**

**BSC350 Mr Neville Rosengren**

The subject examines issues of land management in a variety of environments. It studies the physical and biological components and dynamics of selected terrestrial and coastal ecosystems and shows how scientific studies may assist in planning for the sustainable use of the resources of those systems. Lectures and practical classes are supplemented by field studies in one or more of the following, a small rural catchment, a highly modified or disturbed environment such as a former or active mining site, logging area, urban creek, a mountain environment with high natural values, a coastal, estuarine, wetland or flood plain environment.

**Prerequisite:** completion of minor studies in Environmental Science in the BAppSc or with approval of the subject coordinator.

**Class requirements:** 6-hours (or equivalent) per week 4-days of field work per semester.

**Assessment:** 2-hour examination (30%), poster presentation (30%), field report (30%), class presentation (10%). Students must attend all field classes and obtain at least 15% for the examination component of the assessment.

**Preliminary reading:** Jeans, D. N. (1986) *Australia: A Geography*, Vol. 1. *The Natural Environment*. Sydney University Press, Sydney.

**Prescribed reading:**

Young, A. R. (1996) *Environmental Change in Australia Since 1788*. Oxford University Press.

Graetz, D. (1992) *Looking Back - The Changing Face of the Australian Continent 1972-1992*. CSIRO.

Walker, J. and Reuter D. J. (1996) *Indicators of Catchment Health - a Technical Perspective* CSIRO.

**SCIENCE STUDIES STUDIO 1 (15 CPs. Sem. I. Be.) BSCSS1 Mr**

**David Stuchbery**

This subject examines ceramic chemistry and equips the potter in the fundamentals, as well as provides an understanding of molecular structure, Seger formula and use of computers in the formulation of glazes. In the ceramic geology component the potter is equipped to recognise and adopt geological raw materials, rocks and minerals for use in ceramic bodies and glazes. A component on studio laboratory research involves a series of set research projects on clays and glazes which is self-directed and undertaken in the ceramic studio and glaze laboratory.

**Class requirements:** four hours lectures/practical or field excursions.

**Assessment:** Chemistry: one-hour test (20%), two-hour examination (30%).

Geology: two-hour examination (30%) two laboratory or field assignments (20%).

**SCIENCE STUDIES STUDIO 2 (15 CPs. Sem. II. Be.) BSCSS2 Mr**

**David Stuchbery**

This subject is concerned with ceramic chemistry, from the design of basic glazes from raw materials, expanding on the use of Seger formula as a means for the comparative analysis of glaze formulae. Emphasis is placed on developing computer skills, for the understanding and use of glaze calculation software, when formulating multiple glazes. The focus is on the use of local materials (i.e. Australian availability) and the necessity to have accurate analysis when calculating a batch recipe.

**Prerequisite:** BSCSS1.

**Class requirements:** two hours of lectures/practical.

**Assessment:** Ceramic Chemistry: class exercises, test and reports (25%), individual exercises, tests and reports (25%).

Ceramic geology: individual exercises, tests and reports (50%).

**SCIENCE STUDIES STUDIO 3 (15 CPs. Sem. I. Be.) BSCSS3 Mr**

**David Stuchbery**

This subject is concerned with ceramic chemistry and the syllabus is as for Science Studies 2, with the inclusion of testing and analysis of clays, bodies and glazed bodies (testing for the release of toxic materials) and general chemical resistance (properties, composition and limitation of common materials).

**Prerequisite:** BSCSS2.

**Class requirements:** two hours of lectures or practical and one hour of guided, self-directed research.

**Assessment:** individual exercises, tests and reports (100%).

**SCIENCE STUDIES STUDIO 4 (15 CPs. Sem. II. Be.) BSCSS4 Mr**

**David Stuchbery**

This subject examines ceramic geology, collection, preparation and analysis of rocks and minerals from local sites and their easing into Seger formula, using current computer software. Glaze design and preparation using the data collected, line and triaxial blends and firing tests.

**Prerequisite:** BSCSS1.

**Class requirements:** two hours of lectures or practical and one hour of guided, self-directed research.

**Assessment:** individual exercises, tests and reports (100%).

**SCIENCE STUDIES STUDIO 5 (15 CPs. Sem. I. Be.) BSCSS5 Mr**

**David Stuchbery**

The focus is on ceramic chemistry. The syllabus for this segment is a further expansion on Science Studies 3, with an emphasis on a self directed research proposal which fully examines a specific glaze type. Students are expected to investigate the true character of the glaze by using local materials (Australian materials listing). Students are required to have a sound laboratory practice, plus an understanding of Seger formula and are expected to utilise glaze calculation software in the development of the glazes associated with their research proposal.

**Prerequisite:** BSCSS3.

**Class requirements:** three hours per week.

**Assessment:** individual exercises, laboratory tests and report (100%).

**Prescribed reading:**

Currie, I. (1995) *Stoneware Glazes - A Systematic Approach*, Bootstrap Press.

**SCIENCE STUDIES STUDIO 6 (15 CPs. Sem. II. Be.) BSCSS6 Mr**

**David Stuchbery**

In ceramic geology students expand upon the work undertaken in Science Studies 4 (Geology) by undertaking an individual research proposal which centres around the use of local materials in the formulation of clay bodies or glazes. Emphasis is placed on a sound research practice within the laboratory and the utilisation of specialist equipment in both the analysis of materials and the preparation of the proposal.

**Prerequisite:** BSCSS4.

**Class requirements:** three hours per week.

**Assessment:** individual exercises, laboratory tests and report (100%).

**Prescribed reading:**

Currie, I. (1995) *Stoneware Glazes - A Systematic Approach*, Bootstrap Press.

**SCIENCE, TECHNOLOGY & SOCIETY (15 CPs. Sem. II. Be., Mi.)**

**BSE1STS Dr Katherine Legge**

This subject enhances students background knowledge of physical science concepts and their application. It examines the impact of science and technology on society through a contextual approach. The physical science concepts within areas such as force and motion, flight, electricity, light, and sound, are developed by considering how they are applied in familiar situations and the range of applications of computers in the community, industry, communication and the Arts is examined. Examples of evolving technology through the study of historical developments is a major focal point. Unique features of both science and technology and their interrelationships are also examined.

**Class requirements:** four hours per week.

**Assessment:** investigation project (30%) examination (50%), journal (20%).

**SCIENCE & TECHNOLOGY ED A (15 CPs. Sem. I. Be., Mi.) BSE2STE A**

**Mr Mal Ward**

This subject introduces students to the teaching of science and technology in schools. It draws on an understanding of science and technology concepts and methodology and applies this knowledge to teaching situations. Students develop confidence and enthusiasm for teaching science and technology by participating in motivational activities which model a variety of teaching and learning strategies. Students become familiar with State and National curriculum documents and their underlying philosophies and are able to design lessons to achieve appropriate outcomes for the various age groups. Issues such as how children learn, the gender inclusive curriculum and language development through science and technology education are addressed. Students are also introduced to multimedia through research, design, development, production and evaluation. Through an integrated school based component developed cooperatively with lecturers, students plan, implement and evaluate their own primary school units.

**Prerequisite:** BSE1STS.

**Class requirements:** four hours per week.

**Assessment:** school based journal (20%), folio of investigations (30%), examination. (50%).

**SCIENCE & TECHNOLOGY EDUCATION C1 (20 CPs. Sem. I. Be.) BSE4STC1 Dr Barry Brockley**

This subject focuses on the implementation of science and technology curriculum in schools and develops a student's leadership capacity in this area. Curriculum planning, implementation and evaluation of learning outcomes are stressed, as are appropriate activities for different stages of development and levels of the primary school. The subject continues to develop their confidence in teaching science and technology and understanding of the primary school curriculum through a contextual approach in the conceptual areas of 'Earth and space science'. How children learn science, their misconceptions, strategies appropriate for teaching, catering for individual differences, student assessment, models of teaching and learning, and the processes of science and technology are addressed by considering examples related to the topics such as the seasons and weather, formation and uses of rocks and minerals, the Earth's geological history, the solar system, and space exploration.

**Prerequisite:** BSE3STEB.

**Class requirements:** four hours per week.

**Assessment:** 2,000-word curriculum development assignment (30%), 2,000-word journal article (40%), basic concepts topic tests (30%).

**SCIENCE & TECHNOLOGY EDUCATION C2 (20 CPs. Sem. II. Be.) BSE4STC2 Mr Mal Ward**

This is a continuation of Science and Technology Education C1. See this subject description for full details of assessment and class requirements. Note that the conceptual area of study is biological science, including topics such as the requirements of living things, habitats, ecosystems, adaptations, the structure and function of plants and animals, genetics, biodiversity and natural selection and evolution.

**SCS HONOURS THESIS (72 CPs. All year. Be.) BS4THES Mr Gerry Gill**

Students are required to select and, under supervision, to investigate and write a dissertation on an individual research topic. The topic chosen must be one for which the University can provide adequate supervisory and library resources.

**Class requirements:** 1-hour supervision per week.

**Assessment:** 10,000 - 12,000 word thesis (100%).

**SCIENTIFIC COMPUTING (15 CPs. Sem. I & II. Be.) BITSCI Mr John McCullagh**

Subject components include computer systems, components and data storage, the practical use of application packages, the Internet, problem solving and program development, simple data types, modular programming and program documentation.

**Class requirements:** four hours per week.

**Assessment:** cumulative assessment and examination. (100%).

**SECONDARY NURSING CARE A (15 CPs. Sem. I. Be.) BHS2SNA Ms Sharon Kendall**

This subject uses a comprehensive health assessment to explore the physical, psychological, developmental, spiritual and socio-cultural aspects of the individual and subsequent identification of health deviations. The impact of health deviation is explored as it impacts on the client, family, significant others and the community.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39-hours per semester.

**Assessment:** Scenario based assessments (40%), 2.5-hour examination (60%).

**SECONDARY NURSING CARE B (15 CPs. Sem. II. Be.) BHS2SNB Mr Jim Kevin**

This subject examines the impact of acute and complex conditions on the individual, the family, significant others and groups. The focus of nursing care specifically includes stressors, disruption to homeostasis and reconstitution. Concepts related to acute and complex care conditions are explored in the context of the restorative process of nursing care.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39-hours per semester.

**Assessment:** 3-hour examination (100%).

**SECONDARY PRACTICE A (15 CPs. Sem. I. Be.) BHS2SPA Ms Di Francis**

This subject explores the physical and psychosocial, socio-cultural, developmental and spiritual aspects of the individual, and subsequent identification of health deviation. Emphasis is placed on comprehensive health assessment using Neuman's Systems Model (1989) as a nursing assessment framework. It also provides the student with an introduction to wound management and parental drug administration.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39-hours per semester.

**Assessment:** skill laboratory competence (100%). Student will complete this competence assessment satisfactory to mastery level. Formative clinical performance appraisal using competency based assessment.

**SECONDARY PRACTICE B (15 CPs. Sem. II. Be.) BHS2SPB Ms Di Francis**

This subject explores the physical and psychosocial impact of illness on the individual and subsequent identification of actual and potential health problems for the acutely ill client. Using Neuman's Systems Model (1989) as a nursing framework, the student considers nursing care which focuses on restoration of the individual to their optimum state of health. Legal aspects of nursing and therapeutic drug administration are integrated into the clinical practicum where appropriate.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39 hours per semester.

**Assessment:** skill laboratory competence (100%). Students will complete this competence assessment satisfactory to mastery level. Formative clinical performance appraisal using competency based assessment.

**SELLING AND SALES MANAGEMENT (15 CPs. Sem. II. Be.)**

**BMARKSSM Mr Vernon Stubbings**

This subject provide students with an understanding of both the nature and role of personal selling and the varied responsibilities and tasks of sales management. As well as involving students in the theory and practice of effective personal selling, topics including recruitment, selection, and training and directing the sales force are covered. Legal and ethical issues of selling are addressed in the context of relationship selling and other approaches.

**Prerequisite:** BMARKITM.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (60%), 2,750 word assignment (25%), role play and strategy document (15%) Students are required to complete all assessment tasks and in addition, a minimum examination grade of 50% must be obtained in order to pass the subject. Students will complete a selling role play including a 1,000 word strategy document.

**Prescribed reading:**

Anderson, R. E., Hair, J. F. and Bush, A. J. (1992) *Professional sales management*. 2nd edn, McGraw-Hill, NY.

Coppett, J. I. and Staples, W. A. (1993) *Australian selling*. M. Patton (ed.) Nelson, Melbourne.

**SEXUALITY AND HUMAN RELATIONS (15 CPs. Sem. I. Be.)**

**BPE3SHR Ms Cathleen Farrelly**

This course aims to increase awareness and understanding of issues related to the formation of human relations, developing sexual identity and issues of sexual health. Students will explore topics including psycho-social development, cultural influences on identity and gender fundamentalism, homophobia and violence in social relations. Related matters on sexual and reproductive health including STD/AIDS issues and related public health policy will also be examined. Students will also be given the opportunity to gain accreditation for a Personal Safety Program accredited by the Child Protection Society, which is not only relevant to a range of vocations involving children and adolescents but the self development of students themselves.

**Class requirements:** four hours per week.

**Assessment:** assignment (50%), essay (50%).

**SKILLS IN WRITING (15 CPs. Sem. I. Be.) BBROWS Ms Karin Moses and Ms Anne Scott**

This subject is designed for students enrolled in the Mathematics/ Science Bridging course. The subject develops students' writing skills to the required level of technicality, formality and abstraction.

The subject provides students with the opportunity to practise the skills needed to use appropriate and accurate vocabulary and grammatical structures, interpret assignment and examination questions and topics, take concise and reliable notes, read more effectively, write coherent and logically sequenced paragraphs, use references to retrieve and signal information as required, understand and use appropriate staging for a variety of academic genres and prepare an outline for, and write reports and essays.

**Class requirements:** 4-hours.

**Assessment:** exercise, assignments and examination. (100%).

**SOCIAL RESEARCH (20 CPs. Sem. II. Be.) BSA23SR Dr Tim Phillips**

Students are introduced to social research principles and methods for studying the social world. Compared to other ways of knowing about the social world, social research is shown to be distinguished by a scientific approach. The series of steps involved in the social research process are considered in detail. The subject then reviews the range of methods social researchers use to analyse media content.

conduct a survey, run a social experiment, find and use information from the Australian Bureau of Statistics, participate in and observe social groups in natural settings, and conduct interviews with individuals and groups.

**Prerequisite:** BSPC101, BSPC102 or BSR1ASS, BG1HEI.

**Class requirements:** two hours of lecture and 1-hour of tutorial, per week.

**Assessment:** research proposal (35%), practical research exercise (25%), examination (30%), tutorial work (10%).

**Prescribed reading:**

Searle, C. (ed.) (1998) *Researching Society and Culture*. Sage. London.

**SOCIAL SCIENCE FOR NURSES (15 CPs. Sem. I and II. Be.)**

**BHS4SSN Ms Sandra Kippen**

*Offered subject to sufficient enrolments.*

Components include sociology (roles, inequality, gender, deviance, social control, institutions, economic structures, chronic illness, parenting, mental illness, the sick role and ageing) and psychology (psychological aspects of health care, competing models of psychology, learning, personality, emotion, motivation, perception and human information processing).

**Class requirements:** 39 hours per semester. May be offered in intensive study block mode.

**Assessment:** written assignment (50%), tutorial presentations (25%), examination (25%).

**SOCIAL SCIENCE RESEARCH ENVIRONMENT (20 CPs. Be.) BA3SSRE**

**Dr Timothy Phillips**

*Not available in 2000.*

**SOCIAL THEORY (15 CPs. Be.) BS23ST Mr Gerry Gill**

*Not available in 2000.*

**SOCIAL WELFARE AND THE STATE (24 CPs. Sem. I. Be.) BSP4SWS**

**Dr Ardel Shamsullah**

This subject examines the range of ideological conceptions of the 'welfare state' and the debate about its future. Topics include welfare history, 'welfare state' typologies, neo-liberal, neo-conservative, radical and feminist perspectives on the 'welfare state' and the 'new governance' movement.

**Prerequisite:** admission to BA (Honours), with major in politics or sociology.

**Class requirements:** two hours per week.

**Assessment:** seminar paper (40%), 4,000-word essay (60%).

**Prescribed reading:**

Pierson, C. (1998) *Beyond the Welfare State?* Cambridge.

**SOCIAL WORK 1A: INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE (15 CPs. Sem. I. Aw., Be., Bu.) SW1ISAB**

**Aw: Ms Judith Gibbs; Be: Ms Di Cox; Bu: Dr Christine Bigby**

In this subject students will be orientated to a university mode of study and be introduced to the complex and often contested nature of social work and diverse In this subject knowledge base that informs social work practice and social policy analysis. Students will be introduced to the broad themes that have characterised Australian social policies and some of the contemporary debates that inform policy developments. Ideas that social problems are constructed and understood differently across time and in accordance with different value and theoretical perspectives are explored. Using selected examples, the impact of societal organisation on individuals and social problems will be examined.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** 1,000-word class paper (25%), 2,500-word essay (60%), class exercises (15%). Students will complete four 200 word written class exercises totalled 15% each.

**Preliminary reading:**

Hay, I. and Bochner, D. (1997) *Making the grade*. Melbourne: Oxford University.

**Recommended reading:**

O'Connor, I. Wilson, J. and Setterlund, D. (1998) *Social work and welfare practice*. St Leonards: Allen and Unwin.

Wilson, J., Thomson, J. and McMahon, A. (1996) *The Australian welfare state: Key documents and themes*. Melbourne: MacMillan.

Sarage, E. (1998) *Embodying the social: Constructions of difference*. London: Routledge.

**SOCIAL WORK 1B: THE STRUCTURAL BASES OF POVERTY AND INEQUALITY (15CPs. Sem. II. Aw., Be., Bu.) SW1SPIB**

**Aw: Ms Judith Gibbs; Be: Ms Di Cox; Bu: Dr Christine Bigby**

In this subject students analyse Australian and international trends of the extent and nature of inequality and poverty. They will be introduced to debates about the definitions and measurement of poverty. Explanations of poverty and inequality embedded in various political ideologies and the response inherent in these different approaches will be examined. The range of historic and current social policy and social work responses to alleviate poverty and reduce inequality are considered in the context of social work's value base. Experiences, explanations and consequences of inequality of groups who are most at risk of poverty in Australian society are examined in some depth.

**Prerequisite:** SW1ISA or equivalent.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** 3,500-word essay (75%), class exercises (25%).

Students will complete five 200-word written class exercises totalling 25%.

**Preliminary reading:**

Fincher, R. and Nieuwenhuysen, J. (1998) *Australian poverty: Then and now*. Melbourne: Melbourne University Press.

**Recommended reading:**

United Nations Development Program 1997.

(1997) *Human Development Report 1997*. New York: Oxford University Press.

Mullaly, R. (1997) *Structural social work*. Canada: Oxford University Press.

George, V. and Wilding, P. (1997) *Ideology and social welfare*. London: Routledge.

**SOCIAL WORK 2A: THE INDIVIDUAL AND SOCIAL CONTEXTS OF SOCIAL WORK PRACTICE (20 CPs. Sem. I. Aw., Be., Bu.) SW2ISPB**

**Aw: Ms Virginia Mansell Lees; Be: Ms Fiona Gardner; Bu: Ms Sue Glee**

In this subject student will build on first year psychological studies and explore human development within a social context. The focus of module one is the key roles played by families and informal support networks across the lifecourse. The challenges to individual and social functioning of non-normative factors such as illness, impairment and disability during the lifecourse are considered. The focus of the second module is social stratification in society. Students are introduced to a theoretical understanding of concepts such as race, ethnicity, social exclusion and gender. The relevance of these concepts to the organisational and practice dimensions of social work practice are considered.

**Prerequisite:** SW1ISA, SW1SPI or equivalent.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** 2,000-word essay (40%), 2,000 word essay (40%), class participation and exercise (20%). Students will complete five 200 word written or oral class exercises worth 4% each.

**Recommended reading:**

D'Abbs, P. (1991) *Who helps? Support networks and social policy in Australia. (Monograph No. 12)*. Melbourne: Australian Institute of Family Studies, Englewood Cliff: Prentice Hall.

Oliver, M. (1990) *The politics of disablement*. Macmillan: London.

Seligman, M. and Darling, R. (1997) *Ordinary families, special children: A systems approach to childhood disability*. London: Guildford Press.

**SOCIAL WORK 2B: HELPING PROFESSIONS AND SOCIAL WORK (10 CPs. Sem. I. Aw., Be., Bu.) SW2HPSB**

**Aw: Ms Virginia Mansell Lees;**

**Be: Ms Fiona Gardner; Bu: Ms Sue Glee**

In this subject students will explore concepts of individual and collective responsibility for social well being and the nature of helping professions. Characteristics of professions are considered with an in-depth examination of the history and purpose of the social work profession in Australia and internationally. The philosophical and value base of social work are explored using human rights and social justice perspectives. Consideration of the profession's ethical codes and their application to practice will be explored through practice examples of dilemmas that confront practitioners in the field.

**Prerequisites:** SW1ISA, SW1SPI.

**Class requirements:** one 1-hour lecture and one 1-hour seminar per week.

**Assessment:** 3-1,000 word essays (100%).

**Preliminary reading:**

AASW Code of Ethic.



**Prescribed reading:**

Schmitz, D. M and Goodwin, R. (1998) *Social welfare and individual responsibility*. Melbourne: Cambridge University Press.  
 Hugman, R. (1998) *Social welfare and social value*. London: MacMillan.  
 Hugman, R. and Smith, D. (1995) *Ethical issues in social work*. London: Routledge.

**SOCIAL WORK 2C: ORGANISATIONAL CONTEXTS AND THE DIVERSITY OF SOCIAL WORK PRACTICE (20 CPs. Sem. II. Aw., Be., Bu.)**  
**SW20CDB** Aw: Ms Sue Hodgkin; Be: Ms Fiona Gardner; Bu: Dr Helen Cleak

In this subject students will examine some basic concepts from organisational theory and consider the importance of organisations to the implementation of social policies and service delivery. The various organisational locations of social work, their differences and the manner in which they shape the character of social work processes and outcomes are considered. The second module provides a theoretical overview of the major forms of social work intervention and the multiple levels of society at which intervention may occur. A focus will be interconnections between forms of intervention and the necessity for integration if social work is to respond effectively to social problems.

**Prerequisite:** SW1ISA, SW1SOI or equivalent.

**Class requirements:** two 1-hour lectures and one 2-hour seminar per week.

**Assessment:** 3,500 word essay (75%), 1,000 word class paper (25%).

**Recommended reading:**

Jones, I. and May, J. (1992) *Working in human service organisations*. Melbourne: Longman.

Healy, J. (1998) *Welfare Options*. Sydney: Allen and Unwin.

Payne, M. (1997) *Modern social work theory*. London: MacMillan.

**SOCIAL WORK 2D: APPLIED SOCIAL WORK RESEARCH (10 CPs. Sem. II. Aw., Be., Bu.)**  
**SW2SWRB** Aw: Dr Guinever Threlkeld; Be: Ms Fiona Gardner; Bu: Dr Martin Ryan

In this subject students further develop the knowledge gained from sociological research methods and its application to practice research in social work. Students will consider the nature of practice research, formulation of problems and design, as well as the ethical dilemmas encountered in conducting practice research. Critical thinking about research design will be developed through consideration of published research papers. The second module will build on information processing skills acquired during the first year and further develop student's technical computer skills, as well as their writing and presentation skills through laboratory classes.

**Prerequisite:** SW1ISA, SW1SPI or equivalents.

**Class requirements:** one 2-hour seminar per week.

**Assessment:** 1,500 word critique of a published research paper (40%), 2,000 word practice research proposal and design (40%) class and laboratory exercises (20%).

**Recommended reading:**

Alston, M. and Bowles, W. (1998) *Research in social work*. Allen and Unwin: Sydney.

Hay, I. and Bochner, D. (1997) *Making the grade*. Melbourne: Oxford University.

Fuller, R., and Petch, A. (1995) *Practitioner research: The reflexive social worker*. Buckingham: Open University Press.

**SOCIAL WORK 3A: CONCEPTUALISATIONS OF SOCIAL WORK AND SOCIAL WELFARE (20 CPs. Sem. I. Aw., Be., Bu.)**  
**SW3CSW** Aw: Ms Tricia Haeleger; Be: Ms Fiona Gardner; Bu: Mr Bill Healy

In this subject students entering the two year program will be given the opportunity to systematically relate prior learning and work experiences to key concepts and theoretical accounts of the place of the welfare state and the profession of social work in Australian and comparative international contexts. Particular emphasis will be given to the post world war two developments in health and welfare provision, key points of change since then and to contemporary restructuring of the welfare state. In that context the nature, purpose and knowledge and value bases of social work will be examined as it is both shaped by and attempts to shape the nature of its sanctioned roles and tasks.

**Class requirements:** one 1-hour lecture and one 2-hour seminar per week.

**Assessment:** class paper (20%), Journal (20%), 2,500 word essay (60%). Hurdle requirement: attendance and participation at seminars.

**Recommended reading:**

Adams, K, Dominelli, L. and Payne, M. (1998) *Social Work: Themes, Issues and Current Debates*, MacMillan: London.

Ife, J. (1997) *Rethinking Social work* Longman: Melbourne.

Wilson, J, Thomson, J and McMahon, A. (1996) *The Australian Welfare State* MacMillan: London.

**SOCIAL WORK 3B: SOCIAL WORK PRACTICE WITH INDIVIDUALS, FAMILIES AND GROUPS (20 CPs. Sem. I. Bu., Aw., Be) SW3IFGB**  
 Bu: Mr Mark Furlong; Aw: Ms Tricia Haeleger; Be: Ms Fiona Gardner

In this subject students will be introduced to a basic understanding of theories of social work practice with individuals, families and groups in community and social contexts. More specifically students will have structured opportunities to develop and refine: basic communication skills; relevant perceptual and conceptual abilities around how to better understand personal and family "problems" and how to formulate appropriate social work interventions. The expected outcome for this subject is the achievement of at least a basic level of social work practice competence in working with individuals, families and groups sufficient for entry into a first supervised fieldwork placement.

**Class requirements:** one 2-hour lecture and one 3-hour seminar/laboratory per week.

**Assessment:** 2,500-word essay (50%), 1,500-word case formulation (30%) seminar attendance, participation and exercises (20%).

**Recommended reading:**

Fook, J. (1993) *Radical Casework*, Allen and Unwin, Sydney.

Payne, M. (1997) *Modern Social Work Theory*, MacMillan, London.

Benjamin, J, Bessant, J and Watts, R. (1997) *Making Groups Work*, Allen and Unwin, Sydney.

**SOCIAL WORK 3C: SOCIAL WORK PRACTICE IN SOCIAL DEVELOPMENT AND POLICY CONTEXTS (20 CPs. Sem. I. Bu., Aw., Be.)**  
**SW3SDPB** Bu: Dr Thom Puckett; Aw: Dr Guinever Threlkeld; Be: Ms Di Cox

In this subject the focus is on social work practice at the community and society levels in the context of personal and social relationships. It covers: relevant theory and knowledge related to social networks, communities, civil society and societies as a whole; community work and social development as social work practice models; social policy processes and analysis; and the application of research, analytical and other skills to these practice levels.

**Class requirements:** three hours of lectures and one 2-hour seminar per week

**Assessment:** class papers and essays (100%). Students will complete a mixture of class papers and essays totalling 5,000 words.

**Recommended reading:**

Midgley J. (1995) *Social Development: The Developmental Perspective in Social Welfare*, Sage.

Pierson C. (1998) *Beyond the Welfare State: The New Political Economy of Welfare*, Cambridge, Polity Press.

Ife J. (1995) *Community Development: Creating Community Alternatives - Vision, Analysis and Practice*, Melbourne, Longman.

**SOCIAL WORK 3D: SOCIAL WORK PRACTICE IN LEGAL, ETHICAL AND RIGHTS CONTEXTS (20 CPs, Sem. I. Aw., Be., Bu.)**  
**SW3LERB**

Aw: Ms Tricia Haeleger; Be: Ms Fiona Gardner; Bu: Ms Frederico Margarita

In this subject, a major focus will be upon the way in which human rights regime guides social work practice. Students explore in depth the human rights regime and its relevance to social work. The role of ethics from various perspectives in everyday social work practice will be addressed, and the process for ethical decision making will be explored. Within this framework there will be a specific examination of the legal context within which social workers work, and which they are expected to understand in their practice. This will include laws and legal practice which interface directly with aspects of social work and an examination of 'duty of care' and the obligations of professional practice.

**Prerequisite:** SW2OCD or equivalent.

**Class requirements:** four 2-hour lectures/seminars per week for six weeks or equivalent.

**Assessment:** 2-1,500 word assignments (80%), class exercises (20%).

**Recommended reading:**

Swain, P. (1991) *In the shadow of the law: the legal context of social work practice*. Leichhardt, NSW Federation Press.

Hugman, R. and Smith, D. (1995) *Ethical issues in Social Work*, Routledge: London.

Lawrence, J. (1999) *Argument for Action Ethics and Professional Conduct*, Hemisphere Publication Services NSW.

**SOCIAL WORK 3E: SOCIAL WORK PRACTICE SPECIALISTION (20 CPs. Sem. II. Aw., Be., Bu.)**  
**SW3WSB** Aw: Dr Guinever Threlkeld; Be: Ms Di Cox; Bu: Dr Thom Puckett

The purpose of this subject is to introduce students to the practice of social work in diverse fields. The modules will explore policies, programs, and practice and context in various fields. The content will



build upon core social work knowledge and skill and introduce knowledge and practice specific to the field being studied. Students will select two fields of social work practice to study in depth. The specific fields will be selected by the Department each year to provide a choice for students to pursue areas of interest or specialisation. Fields of practice to be presented may include: Social Work Practice and Mental Health, Social Work Practice with Children and Families, International Social Work, Social Work Practice and Health, Ageing, Grief and Loss, Disability and Family Violence.

**Prerequisite:** SW2HPS, SW2OCD or equivalent.

**Class requirements:** four 2-hour lectures per week over six weeks or equivalent.

**Assessment:** 2-2,000 word assignments (80%), class exercises (20%).

#### Recommended reading:

Davis, M. (1997) *The Blackwell Companion to Social Work*. Blackwell, 1997.

Teare, R. J. and Sheafor, B. W. *Practice-sensitive social work education: an empirical analysis of social work practice and practitioners*. Alexandria, Va: council on Social Work Education, 1995.

**SOCIAL WORK 3F: SOCIAL WORK FIELDWORK PRACTICUM 1 (20 CPs. Sem. II. Aw., Be., Bu.) SW3FWPB** Aw: Ms Tricia Hazeleger; Be: Mr Garth Phillips; Bu: Dr Helen Cleak

In this subject students will apply their learning in knowledge and skills of social work practice by undertaking a supervised fieldwork practicum. Students are placed in a range of human service organisations to demonstrate their knowledge and skills and further develop their practice knowledge. SW3FWPB is the first and SW4FWPB the second of two fieldwork placements to be undertaken by the students under the supervision of a qualified social worker with the liaison support of an academic staff member. Each placement period is 14 weeks full time as required by the AASW and is normally taken at the end of second semester (September to December) each year. As part of the practicum, students will be required to attend four two hour preparatory seminars and regular seminars throughout the practicum, the latter up to a total of twenty hours.

**Prerequisite:** SW4IFG, SW4SDP.

**Class requirements:** 14 weeks full time (70 days) including integrative seminar attendance up to a total of 20 hours and four 2-hour preparatory lectures/seminars.

**Assessment:** Cumulative assessment (100%). Assessed on a pass or fail basis through ongoing reports and documents written by the student and field educator. Liaison reports and other documentation submitted by the liaison staff member may be taken into account as appropriate.

#### Recommended reading:

Doel, M. and Shadlow, S. (eds.) (1996) *Social work in a changing world: an international perspective on practice learning*. Arden, Brookfield, Vt: Ashgate.

Shulman, L. (1993) *Teaching the helping skills: a field instructor's guide*. Alexandria, Va: Council on Social Work Education, 2nd edn.

**SOCIAL WORK 4A: PROGRAM DESIGN, MANAGEMENT AND SOCIAL WORK PRACTICE (20 CPs. Sem. I. Aw., Be., Bu.) SW4PDMB** Aw: Dr Guin Threlkeld; Be: Ms Fiona Gardner; Bu: Ms Margarita Frederico

In this subject students will build upon their knowledge of the importance of the organisational context of practice and be introduced to analysis of organisations and beginning skills in organisational management. The students will also explore program planning and implementation in an organisational context drawing upon their prior knowledge of research and methods of inquiry and developing specific knowledge and skills in relation to program planning and evaluation and the role of management.

**Prerequisite:** SW3SWSB.

**Class requirements:** Two 2-hour lectures/seminar per week.

**Assessment:** 3,000 word Syndicate paper (55%). 1,500 word Individual class presentation (35%) and class exercises (10%)

#### Recommended reading:

Hasenfeld Y. (1992) *Human Services as Complex Organisations*. Sage: California.

Kettner, P.M. and martin, L. L. (1990) *Designing and Managing Programs: An effectiveness-based approach*. Sage: California.

Jackson, A. and Donovan, F. (1999) *Managing to Survive*. Allen & Unwin: Sydney.

**SOCIAL WORK 4B: SOCIAL WORK PRACTICE WITH INDIVIDUALS, FAMILIES AND GROUP (20 CPs. Sem. I. Aw., Be., Bu.) SW4IFGB** Aw: Ms Tricia Hazeleger; Be: Ms Fiona Gardner; Bu: Mr Mark Furlong

In this subject the aim is to build on the content of Social Work 3B and to develop for students a more advanced level of knowledge,

values and skill in relation to social work practice with individuals, families and groups. In addition there will be coverage in depth of key areas of contemporary practice such as case management, case advocacy and mediation.

**Prerequisite:** SW3IFGB.

**Class requirements:** Two 2-hour lectures and One 3-hour seminar per week.

**Assessment:** essays (60%). 2,000 word case study (30%) attendance and participation in seminars (10%). Students will be required to complete two essays of 2,000 words each.

#### Recommended reading:

Ife, J. (1997) *Rethinking Social Work*. Longman: Melbourne.

Mullaly, R. (1997) *Structural Social Work*. 2nd edn, University Press, Oxford.

Rothman, J. (1994) *Practice with highly vulnerable clients: Case management and community-based services*. Prentice Hall: Englewood Cliff.

**SOCIAL WORK 4C: SOCIAL WORK PRACTICE IN SOCIAL DEVELOPMENT AND POLICY CONTEXTS (20 CPs. Sem. I. Aw., Be., Bu.) SW4SDPB** Aw: Dr Guin Threlkeld, Be: Ms Di Cox; Bu: Dr Chris Bigby

In this subject the major emphasis is one the enhancement of students' practice competence in the field of social policy, community development and social development. The subject explores various aspects of the policy process and various approaches adopted in the policy field. Throughout the subject, the overarching framework is social development – development of societies as enabling environments for their people's development. An appreciation of the demographic context of practice will be introduced.

**Prerequisite:** SW3SDPB.

**Class requirements:** 3-hour lectures and one 2-hour seminar per week.

**Assessment:** essays (100%). Students will be required to complete a mixture of class papers and essays to a total of 5,000 words.

#### Recommended reading:

O'Connor, J., Orloff, S. and Shaver, S. (1999) *States, Markets, Families: Gender, Liberalism and Social policy in Australia, Canada, Great Britain and the United States*. Cambridge University Press: Cambridge.

Rothman, J. (1994) *Practice with highly vulnerable clients: Case management and community-based services*. Prentice Hall: Englewood Cliff.

Considine, M. (1994) *Public Policy: A Critical Approach*. Macmillan, Melbourne.

**SOCIAL WORK 4D: FINAL YEAR INTEGRATION PROJECT (20 CPs. Sem. II. Aw., Be., Bu.) SW4FIPB** Aw: Ms Margarita Frederico, Be: Ms Fiona Gardner; Bu: Ms Virginia Mansell Lees

In this subject students will undertake a project on a topic of their choice which must reflect some specified aspect of content from other fourth year subjects. The project may or may not require fieldwork, but must be designed so as to demonstrate a student's ability to integrate material from a range of aspects of social work practice.

**Prerequisite:** SW4IFGB.

**Class requirements:** 39-hours per semester.

**Assessment:** 5,000 word project (100%).

#### Recommended reading:

Alston, M. and Bowles, W. (1998) *Research for Social Workers: An Introduction to Methods*. Allen & Unwin: St Leonard.

Bell, J. (1987) *Doing Your Own Research: A guide for first-time researchers in education and social sciences*. Open University Press, Milton Keynes.

Kane, E. (1985) *Doing Your Own Research: Basis Descriptive Research In the Social Sciences and Humanities*, Scibner: New York.

**SOCIAL WORK 4G: HONOURS PROJECT (40 CPs. All year. Aw., Be., Bu.) SW4HONB** Aw: Dr Guin Threlkeld, Be: Ms Fiona Gardner; Bu: Dr Martin Ryan

In this subject students will undertake a project on a topic of their choice which must reflect some specified aspect of content from other fourth year subjects. The project may or may not require fieldwork, but must be designed so as to demonstrate a student's ability at an honours level, to integrate material from a range of aspects of social work practice.

**Class requirements:** Seminars and individual supervision throughout the year to a maximum of 78 hours and attendance of Social Work 4E.

**Assessment:** 12,000 word project (100%).

#### Recommended reading:

Alston, M. and Bowles, W. (1998) *Research for Social Workers: An Introduction to Methods*. Allen & Unwin: St Leonard.

Bell, J. (1987) *Doing Your Own Research: A guide for first-time researchers in education and social sciences*. Open University Press, Milton Keynes.

Kane, E. (1985) *Doing Your Own Research: Basis Descriptive Research In the Social Sciences and Humanities*, Scibner: New York.

### **SOCIAL WORK THEORY AND PRACTICE 2 (30 CPs. All year. Be.)**

**15620B** Ms Fiona Gardner

Second year continues the skills development begun in first year. The year is comprised of two more methods components (methods 2 and 3). Methods 2 focuses on advanced casework during first semester and group work during second semester. The advanced casework section of methods 2 is an overview of three theories. During second semester, methods 2 focuses on the further development of group and family work skills introduced in first year.

Methods 3 is devoted entirely to community work. It begins with an overview of community work theory classifying the various approaches according to their objectives and assumptions about the nature of community. The component then moves to a more detailed analysis of the skills involved in two of the more common types of community work undertaken by social workers, community (or locality) development and community organising. Conflict resolution is also covered.

**Class requirements:** methods 2, three hours per week. Methods 3, two hours per week.

**Assessment:** assignments (100%).

### **SOCIAL WORK FIELD EDUCATION 2 (30 CPs. All year. Be.) 15623B**

Ms Fiona Gardner

This program is integral to social work. Students are placed in a range of human service organisations and given the opportunity (under the supervision of an experienced, qualified social worker) to demonstrate and further develop the skills already taught. Students are expected to perform at certain levels of competency by the end of each placement. Students are required to undertake two placements, each for 14 weeks full-time as required by the AASW guidelines. Both are at the end of the second semester in each year (September to December). Students are prepared annually in eight hours of lecture or workshop sessions. Issues such as supervision, liaison, the nature of field learning, the integration of theory and practice, writing learning agreements and evaluation are covered. Students are consulted regarding their individual learning needs, so that appropriate placements can be arranged if possible. Further learning resources are supplied through at least two liaison visits by staff members. Students are required to attend regular integrative seminars during the placement period, in order to consolidate their practice learning and to integrate this experience with the theoretical aspects of the course.

**Class requirements:** occasional seminars.

**Assessment:** field placement (100%): assessed on a pass or fail basis, through a number of on-going reports and documents written by the student and field educator. Liaison reports and other documentation submitted by liaison staff may be taken into account as appropriate.

### **SOCIOLOGY OF HEALTH & ILLNESS (20 CPs. Sem. II. Be.) BS23HI**

Ms Yola Collins

Sociology of Health and Illness is a study of the changes in the scope and organisation of health care associated with the changing conceptualisation of health and illness. Both organisational changes to health care and changes to concepts of health and illness will be analysed as changing social relationships, i.e. between the state and providers of health care, between those providing and those receiving health care and between the providers themselves. The organisation of health care is approached through studies of professionalisation, medical bureaucracies and medical technology. Concepts of disease and illness are examined with particular focus on 'mental illness' and on rural health.

**Prerequisite:** BSAU101 and BS102.

**Class requirements:** two 1-hour lectures, 1-hr tutorial.

**Assessment:** tutorial essay and presentation (20%), essay (40%), exam (40%).

### **SOCIOLOGY AND CULTURAL STUDIES READING UNIT (24 CPs. Sem. I. Be.) BS4SRU**

Mr Gerry Gill

The purpose of this subject is to allow students to focus on debates and issues in sociology and cultural studies, specialising in a particular topic. The subject is designed primarily as a reading subject. Specific areas of study are negotiated between staff and students.

**Class requirements:** three hours per week.

**Assessment:** essays (100%). This will normally comprise two, 3,500-word essays.

### **SOCIOLOGY OF THE LANDSCAPE (20 CPs. Sem. I. Be.) BSPC23SL**

Mr Gerry Gill

In this subject students will study the various ways in which Sociologists have conceptualised 'nature'; students will also study some of the ways in which societies have understood and represented the 'natural world'. Central to the course will be a comparison of the contrasting modes of occupation and representation of the landscape of 'Central Victoria' by Koori and Euro-Australian societies. Comparisons will be made with landscapes in America (Yosemite) and India. Another focus will be the way in which the contemporary awareness of environmental limits and risks has generated new cultural politics around the landscape; the recent emergence of reflexive forms of cultural and nature tourism will be analysed in this context.

**Prerequisites:** BSPC101 and BSPC102 or BSR1ASS and BG1HEI.

**Class requirement:** one 1-hour lecture; one 2-hour seminar per week. Attendance required at one field trip/regional gallery visit.

**Assessment:** 1,000-word exercise (20%), 1,000 word exercise (20%), seminar participation and preparation (10%); 2000-word final essay (50%).

#### **Prescribed reading:**

Schama, S. (1996) *Landscape and Memory*, Fontana.

Selected chapters from the following works:

Clark, I. (1990) *Aboriginal Languages and Clans* Monash Publications in Geography.

Bonyhady, T. (1991) *Images in Opposition: Australian Landscape Painting 1801-1890*, OUP.

Duncan, J. (1992) *Writing Worlds: Discourse, Texts and Metaphors in the Representation of Landscape*, Routledge.

Tilley, C. (1994) *'Phenomenology of the Landscape'*, Berg, London.

### **SOFTWARE DEVELOPMENT ENVIRONMENTS (15 CPs. Sem. I. Be.)**

**BITSD** Mr Tim Whitfort

This subject provides opportunity for students to obtain a thorough grounding in the theory and application of advanced software development environments. It includes an introduction to a software development environment, programming language and tools, rapid application development (RAD), the user interface and computing components. Other topics such as windows programming, current issues and trends and comparison of software development environments is also covered.

**Prerequisite:** BITDST & BITINF (BComp), or BITBUS (BBus), or BITIS1 (GDip Comp).

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%).

Students must obtain at least 40% on the examination component of the assessment.

#### **Preliminary reading:**

Gurewich, N. (1995), *Master Visual Basic 4*, In: Sams Indianapolis.

Getz, K., Litwin, P. and Reddick, G. (1996) *Microsoft Access 95 Developer's Handbook* CA: Sybex, San Francisco.

Pacheco, X. and Teixeira, S. (1997) *Borland C++ Builder Developer's Guide*, In: Sams, Indianapolis.

#### **Prescribed reading:**

Pacheco, X. and Teixeira, S. (1996) *Delphi 2 Developer's Guide* In: Sams, Indianapolis.

### **SOFTWARE ENGINEERING (15 CPs. Sem. II. Be.) BITSEN**

Mr Peter Goddard

Topics covered include programming style, software development tools, requirements definition, testing and debugging, software design, software project management and programming languages and applications. Students are introduced to the concept of software engineering, a disciplined approach to building software systems in a cost effective way.

**Prerequisite:** BITPCO, BITINF.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%).

### **SPECIAL SETTING PRACTICUM (15 CPs. Sem. I & II. Be.) BPM5SS**

Dr Dixie Blanksby

The practical application of skills developed by the course is a key component of the Graduate Diploma of Special Education (Integration). This component enables the student to apply knowledge and skills gained throughout the course.

**Prerequisite:** generally core subjects should precede electives and practicums.

**Class requirements:** 90-hours.

**Assessment:** case study (10%), 5,000 word assignment (90%).

**SPECIAL TOPICS IN IT (15 CPs. Sem. I & II. Be.) BIXST1 Mr Peter Goddard**

This subject is a program of independent study and discussion on a topic chosen by the student and approved by School's Honours or Higher Degrees Committee.

**Prerequisite:** approval of the School's Honours or Higher Degrees committee.

**Class requirements:** as required.

**Assessment:** assignments and examination (100%). Students will complete a combination of assignments (normally a single detailed paper on the topic) and examination.

**SPORTS MEDICINE (20 CPs. Sem. II. Be.) BPE4SM Dr Ashley Woodcock**  
Students are introduced to the concepts of sports medicine, including prevention, diagnosis, and nature of common sports injuries. Immediate and rehabilitative treatment methods are examined and students learn how to develop safe and effective physical training programs. Students also complete the theoretical and practical components of a level 2 first aid course.

**Prerequisite:** BPE11A.

**Class requirements:** 60-hours completed through school vacation and week-end classes.

**Assessment:** attendance/participation (20%), assignment (30%), examination (50%).

**STATISTICAL METHODS (15 CPs. Sem. I & II. Be.) BMATHSTM Ms Lex Milne and Dr Christopher Lenard**

This subject provides an introduction to statistical methods which are frequently used in science, business, health science and the social sciences. Topics include descriptive treatment of sample data, elementary probability and distributions, estimation and hypothesis testing of means and proportions. Other topics may include sample survey techniques, introduction to regression, chi-square distribution and use of statistical packages.

**Incompatible subject:** BMATHEM, BMATHMS1.

**Class requirements:** 4-hour hours per week, or 3-hours on one evening per week. (Evening classes are offered in semester one of odd-numbered years).

**Assessment:** two 45-minute tests (30%), 3-hour examination (70%). Students normally complete either a 45 minute test and examination or three portfolio submissions (each 15%), a compulsory oral presentation (15%) and 48-hour take-home problem-based examination (40%).

**Prescribed reading:**

Moore, D.S. and McCabe, G. (1998) *Introduction to the Practice of Statistics*, 3rd edn, W. H. Freeman, New York.

**STATISTICS 1 (15 CPs. Sem. I. Be.) BHS8ST1 Ms Lex Milne**

This subject introduces students to classifications of data and analytical techniques applicable to health research. It follows the established pattern of introductory statistics. The subject looks at types of data analysis, descriptive statistics, inferential statistics and begins to examine the analysis of variance.

**Prerequisite:** BHS1PHR1, BHS1PHR2.

**Class requirements:** three hours per week.

**Assessment:** five practical exercises (100%).

**Prescribed reading:**

Bainbridge, W. S. (1992) *Social Research Methods and Statistics: A computer-assisted introduction*, Wadsworth, California.

**STRATEGIC MARKETING (15 CPs. Sem. II. Be.) BMARKSM Mr Vernon Stubbings**

This subject provides an appreciation of the contemporary approaches to strategic marketing. The relationship with corporate planning is explored and various aspects of marketing environment analysis and internal organisational analysis are covered as inputs to strategy development. The role of marketing information is addressed and a number of strategic approaches examined.

**Prerequisite:** BMARKITM.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (60%), 2,750 word assignment (25%), case studies (15%). Students are required to complete all ongoing assessment tasks and in addition a minimum examination grade of 50% must be obtained in order to pass the subject.

**Prescribed reading:**

Jain, S.C. (1994) *Marketing planning and strategy*. 5th edn, South Western, Cincinnati.

**STRATEGIC PLANNING (15 CPs. Sem. II. Be.) BMGTSP Dr Quamrul Alam**

This subject aims to integrate the various subjects undertaken in business degree courses, using strategic planning processes as its

analytical basis. Topics include strategic management process, defining mission, industry analysis, external and internal analysis, identifying opportunities, threats, strengths and weaknesses, and formulating strategy.

**Prerequisite:** BMGT0B. For third year students only.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and examination. (100%).

**Prescribed reading:**

Thompson, Jr A. A., and Strickland III, A. J. (1998) *Strategic Management: concepts and cases*, 10th edn McGraw-Hill.

**STRUCTURAL DESIGN (15 CPs. Sem. II. Be.) BEN4SD**

This subject provides an opportunity to apply design concepts studied in earlier years in the broader context of whole structural projects. Additional design concepts will also be introduced. The topics covered include: One large project extending for the whole semester, plus smaller projects. Application in areas such as masonry and concrete retaining walls, combined footings, pier and beam footings, portal frames, tilt panels, steel framed structures, commercial floor systems, fire engineering design.

**Prerequisite:** BEN3ST.

**Class requirements:** an average of six hours per week. Projects, lectures and site visits.

**Assessment:** project work (100%).

**Prescribed reading:**

SAA Structural Engineering Handbook HB2.2 199.

Warner, Rangan and Hall, *Reinforced Concrete* 3rd edn.

Gorenc, Tinyou and Hall, *Steel Designers Handbook*, 6th edn.

**STRUCTURES 1 (15 CPs. Sem. II. Be.) BEN2ST1 Dr Joe Petrolito**

This subject presents students with the concepts of structural mechanics as a component of understanding structural behaviour in basic structural design principles and methods with particular application to steel, timber and masonry. The first component, structural mechanics segment (50%), examines topics such as stress and strain, transformation of stress and strain in two dimensions, principal stresses and strains, Mohr's circle, stress-strain relationships, linear and non-linear behaviour, deflections of beams, strain energy, energy theorems, impact loads, the behaviour of short and long columns, buckling, combined loading problems, failure theories, introduction to elastic-plastic analysis. The design component (50%), examines topics including limit states design philosophy, loads (dead, live, wind and earthquake), steel and timber beams with and without lateral restraint, design (columns axially loaded, braced beam columns), tension members, masonry design the properties of bricks, blocks and brickwork and clockwork, in plane load capacity and wind loads on walls.

**Prerequisite:** BEN2MS.

**Class requirements:** six hours per week.

**Assessment:** two 2-hour examinations (70%), assignments and laboratory work (30%).

**Prescribed reading:**

Popov, E. (1990) *Engineering Mechanics of Solids*, Prentice Hall.

Shodek, D. (1992) *Structures*, 2nd edn, Prentice Hall.

Standards Association of Australia (1995) *Structural Engineering Handbook HB2.2*.

Gorenc, B., Tinyou, R. and Syam, A. (1996) *Steel Designers Handbook*, 6th edn, UNSW Press.

**STRUCTURES 2 (15 CPs. Sem. I. Be.) BEN3ST2 Associate Professor Joe Petrolito**

Introduce the principles of the analysis of skeletal structures and basic structural design principles and methods with particular application to reinforced concrete. A component on analysis focuses on basic concepts of structural analysis, determinate and indeterminate structures, moment distribution, influence lines, matrix methods of structural analysis, plastic analysis, approximate methods and computer applications. The component on design contains a revision of concrete technology, bending, shear and deflection equations and methods for reinforced concrete, application to beams (rectangular, T and L beams, - singly reinforced), application to slabs (one and two way, including flat slabs), application to footings (pads - square and rectangular, strip footings, residential footing systems), the anchorage of reinforcement and member detailing and concrete column design.

**Prerequisite:** BEN2ST12.

**Class requirements:** six hours per week.

**Assessment:** Analysis Component: two 2-hour examinations (70%), assignments and laboratory work (30%).

**Prescribed reading:**

Bhatt, P. (1990) *Structures*, 3rd edn, Longman.  
 Shodek, D. (1992) *Structures*, 2nd edn, Prentice Hall.  
 Standards Association of Australia (1995) *Structural Engineering Handbook HB2.2*.  
 Warner, R., Rangan B. and Hall, A. (1989) *Reinforced Concrete*, 3rd edn, Longman.

**STRUCTURES 3 (15 CPs. Sem. I. Be.) BEN4ST3 Dr Joe Petrolito**

This subject aims to introduce students to advanced concepts of structural analysis. Topics covered include: Linear and non-linear analysis methods. Elastic stability of frames. Dynamics of structures. Theory of elasticity. Plane stress/plan strain problems. Plate and shell theory. Computer application.

**Prerequisite:** BEN3ST.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (70%), assignments and laboratory work (30%).

**Prescribed reading:**

Bhatt, P. (1990) *Structures*, 3rd edn, Longman.  
 Shodek, D. *Structures*, 2nd edn, Prentice Hall, 1992.  
 Timoshenko, S. and Gere, J. (1970) *Theory of Elasticity*, 3rd edn, McGraw Hill.

**STUDIES IN PEDAGOGY & MANAGEMENT (15 CPs. Sem. II. Be., Mi.)****BES2SPM Ms Jennifer Sheed**

The subject examines various models of classroom management, focussing on the planning and maintenance of conditions conducive to learning. Assessment and its role in improving teaching and learning is also investigated.

**Prerequisite:** BES2IHD.

**Class requirements:** four hours per week.

**Assessment:** 1,500/1,800-word assignment (50%), examination (50%).

**STUDIES OF SOCIETY & ENVIRONMENT A (15 CPs. Sem. II. Mi.)****BSS3SEA Mr Ray Nichol**

This subject provides opportunities for students to develop knowledge and appreciation of their own society, particularly salient social issues. As well, students have the opportunity to appreciate the need for the inclusion of Studies of Society and Environment in a school program and develop the ability to plan, implement and evaluate a Studies of Society and Environment (S.O.S.E.) program.

**Class requirements:** four hours per week.

**Assessment:** seminar paper and presentation (20%), teaching task (10%), unit of work (40%) an examination (30%).

**Preliminary reading:**

Board of Studies, (1995) *Studies of Society and Environment*, Curriculum and Standards Framework, Melbourne.  
 Gilbert, R. (1996) *Studying Society and Environment. A Handbook for Teachers*, Macmillan, Melbourne.  
 Marsh, C. (1994) *Teaching Studies of Society and Environment*, Prentice Hall, Sydney.

**STUDIES OF SOCIETY & ENVIRONMENT B1 (20 CPs. Sem. I. Be.)****BSS4AE Mr Ray Nichol**

Indigenous education and pedagogy. Students gain a knowledge of Aboriginal societies, traditional and contemporary, as a basis for assessing and developing courses in Indigenous studies. These studies of Aboriginal life and culture include activities that develop substantive skills in Studies of Society and Environment. This subject is based on *Teaching the Teachers: Indigenous Australian Studies*, 1997, endorsed by the National Federation of Aboriginal Education Consultative Groups.

**Prerequisite:** Bachelor of Teaching (Primary) or another approved University degree.

**Class requirements:** four hours per week.

**Assessment:** minor assignment (40%), major assignment (60%).

**Preliminary reading:**

Broome, R. (1994) *Aboriginal Australians*, Allen and Unwin.  
 Craven, R. (ed.) (1997) *Teaching the Teachers: Indigenous Australian studies for primary pre-service education*, University of NSW.

**STUDIES OF SOCIETY & ENVIRONMENT B2 (20 CPs. Sem. II. Be.)****BSS4AS Mr John Higgs**

This subject provides opportunities for students to develop appropriate research techniques and strategies in order to pursue an individual research program on an Australian theme.

**Prerequisite:** Bachelor of Teaching or a minimum of four, second or third year semester units in the area of Social Science Education.

**Class requirements:** four hours per week.

**Assessment:** Assignment – Australian Studies (50%), Assignment – Asia-Pacific Studies (50%).

**Prescribed reading:**

Bell, J. (1995) *Doing your research project*. OUP.

**SURVEYING (15 CPs. Sem. I. Be.) BEN2SV Mr Don Swiney**

The principles of surveying and levelling, distance measurement, triangulation and trilateration, theodolite traversing and corrections for traverse, mensuration for earthworks and the use of computer packages are examined.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (50%), tutorial presentation (50%).

**SURVEYS AND SOCIAL LIFE (20 CPs. Sem. I. Be.) BSA3SSL Dr Tim Phillips**

Students are introduced to how surveys are used in social research for investigating human social life and behaviour. Students learn to explore why people think and act as they do in such topical areas as religion, politics, and morals. The subject provides theoretical and data analysis skills for describing peoples' social attitudes and behaviours, as well as considering their causes and effects. Students analyse data from real national social scientific surveys. The software program used for analysing social survey data is SPSS for Windows.

**Prerequisite:** BSPC101, BSPC102 or BSR1ASS, BG1HE1.

**Class requirements:** two hours of lectures and 1-hour of laboratory, per week.

**Assessment:** research project (50%), examination (30%), laboratory work (20%).

**Prescribed reading:**

Babbie, E. and Halley, F. (1998) *Adventures in Social Research* Pine Forge: Thousand Oakes, California.

**SURVEYS AND SOCIAL LIFE (20 CPs. Sem. I. Be.) BSA4SSL Dr Tim Phillips**

Students are introduced to how surveys are used in social research for investigating human social life and behaviour. Students learn to explore why people think and act as they do in such topical areas as religion, politics, and morals. The subject provides theoretical and data analysis skills for describing peoples' social attitudes and behaviours, as well as considering their causes and effects. Students analyse data from real national social scientific surveys. The software program used for analysing social survey data is SPSS for Windows.

**Prerequisite:** BSPC101, BSPC102 or BSR1ASS, BG1HE1.

**Class requirements:** two hours of lectures and 1-hour of laboratory, per week.

**Assessment:** research project (50%), examination (30%), laboratory work (20%).

**Prescribed reading:**

Babbie, E. and Halley, F. (1998) *Adventures in Social Research* Pine Forge: Thousand Oakes, California.

**SYSTEMS SOFTWARE (15 CPs. Sem. II. Be.) BITSYS Mr Peter Goddard**

Components examine operating system internals, concurrent processing, memory management, I/O handling and file systems, compilers, languages and grammars, regular expressions and finite state, automata, lexical analysis, parsers, code optimisation and linking and loading.

**Prerequisite:** BITDST (co-requisite for GDComp).

**Class requirements:** four hours per week.

**Assessment:** 3-hour examination (50%), assignment (50%).

**Prescribed reading:**

Silbershatz, A., Peterson, J. L. and Galvin, P. (1992) *Operating System Concepts*, 3rd edn, reading, Mass: Addison-Wesley.  
 Aho, A. V., Sethi, R. and Ullman, J. (1986) *Compilers, Principles and Tools*, Reading, Mass: Addison-Wesley.

**TAXATION (15 CPs. Sem. I. Be.) BLAWT Ms Dianne Brockley**

This subject develops an understanding of Commonwealth Income Tax legislation and the implications of income tax on the individual and business enterprise. It serves as an introduction to the elective subject, Advanced Taxation Law. A practical approach is taken to the subject matter and topics, which includes objectives of taxation policy, construction of tax legislation, the general concepts of income and allowable deductions, determination of taxation income and tax payable, special classes of taxpayers, returns and assessments, objections and appeals, collection and recovery of taxation, arrangements to avoid tax, substantiation provisions and an introduction to capital gains and fringe benefits tax.

**Prerequisite:** BACCIA and BLAWCL.

**Class requirements:** three hours per week.

**Assessment:** cumulative assessment and examination (100%).

**TEACHERS AS COUNSELLORS (20 CPs. Sem. II. Be.) BES5TC Ms Lyn Taylor**

This subject extends participants' understanding of behaviour and behaviour change. The subject focuses on the helping process, theory and related skills and gives participants the opportunity to begin an examination and clarification of their values in relation to the welfare role of the teacher.

**Class requirements:** two hours per week.

**Assessment:** seminar presentation on a negotiated topic, case study, helping skills workbook (100%).

**Prescribed reading:**

Geldard, D. (1993) *Basic Personal Counselling*, 2nd edn, Australia: Prentice Hall.

**TERTIARY NURSING CARE (15 CPs. Sem. I. Be.) BHS3TNC Ms Lesley Sieglöff**

Students have the opportunity to examine the nursing care required to stabilise and maintain optimum health of clients with long term health problems. This subject addresses the rehabilitation of individuals to optimum health, lifestyle and independence with a focus on comprehensive discharge and follow up planning and long term use of therapeutic modalities.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39-hours per semester.

**Assessment:** 2,500-word essay (60%), class presentation equivalent to 1,000-words (40%).

**TERTIARY PRACTICE (15 CPs. Sem. I. Be.) BHS3TPR Ms Di Francis**

This subject gives the student the opportunity to explore the physical, socio-cultural, developmental and spiritual aspects of the individual in relation to tertiary nursing care. Emphasis is placed on nursing skills that enhance clients rehabilitation and consolidation of previously learnt nursing skills. Therapeutic medications is also included. Attention is paid to psychiatric nursing intervention as well as general nursing skills.

**Prerequisite:** all first year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39 hours per semester.

**Assessment:** skill laboratory competence (100%). Students will complete this competence assessment satisfactory to mastery level. Formative clinical performance appraisal using competency based assessment.

**TESOL (SECONDARY) (20 CPs. Sem. II. Be.) BEE5TS Dr Michele de Courcy**

This subject is designed to provide future teachers with theoretical and practical insights into the problems that many non-English speaking background students experience in functioning cognitively in secondary schools when the language of instruction is not their mother-tongue. An overview of the linguistic diversity in multi-cultural Australia. Language acquisition and language learning - similarities and differences. Language teaching - some theories and methods used in the past. Developing communicative competence in the classroom - some useful models. The problem of promoting cognitive development in the content subjects.

**Class requirements:** four hours per week.

**Assessment:** theoretical essay (35%), case study (50%), tutorial (15%).

**THE IDEA OF THE CLASSIC (20 CPs. Sem. II. Be.) BLFA23C Mr John Penwill**

The study of classicism as a permanent ideal in western culture; its first manifestation in the art of ancient Greece, in particular the representation of the human body in sculpture and painting and the architecture of temple and theatre. The changes that the ideal proves capable of, and the ideologies it comes to serve: Hellenistic innovation, Roman classicism, 18th century classical revivalism, French neo-classicism, 20th century fascism.

**Class requirement:** one 3-hour lecture per week.

**Assessment:** two 2,000-word assignments (60%), one 2-hour test (40%).

**Prescribed reading:**

Boardman, J. *The Oxford History of Classical Art*, Oxford University Press.

**THE MODERN ERA (20 CPs. Sem. II. Be.) BPR23ME Dr Roger Swarder**

We study something of the typical intellectual problems of modern times and explore the possible meanings of terms like 'modernism' and 'post-modernism', paying particular attention to the predicaments of the artist and intellectual in the contemporary era. We consider challenges to traditional aesthetics and epistemology issuing from such theoretical movements as psychoanalysis, materialism, feminism, semiotics, structuralism and post-structuralism. We also briefly look at some of the intellectual issues raised by the encounter with non-European cultures, by the development of new communica-

tion technologies and by the collapse of the Newtonian scientific paradigm. The subject is rather more open-ended than the subjects which preceded it and students are encouraged to develop their own research interests for their major written assignment.

**Prerequisite:** BTPR23ER.

**Class requirements:** three hours per week.

**Assessment:** major essay of about 3,000-words, or a class presentation, supported by a short paper (70%), class tests and exercises (20%), participation (10%).

**Prescribed reading:**

Marx K. *The Communist Manifesto*. Penguin.

Freud S. *Two short accounts of psychoanalysis*. Penguin.

**THEOLOGY TO PHILOSOPHY (24 CPs. Sem. I. Be.) BT4TP Dr Roger Swarder**

This subject focuses on the changing values and emphases in the study, interpretation and teaching of the humanities during the period from the breakdown of the Roman empire in the West to the Italian and English renaissance. It commences with a study of the interaction between classical learning and Christianity in the work of authors such as Augustine and Boethius, and examines the place of the seven liberal arts and of mysticism in mediaeval thought and culture. It considers the new perceptions of human nature (Chaucer). The effect of the rediscovery of classical learning and the new emphasis on the self in renaissance of humanism is studied through a selection of works by More and Castiglione.

**Class requirements:** two hours per week.

**Assessment:** seminar paper or 3-hour written examination (30%), major essay (60%) seminar participation (10%).

**THEORIES OF LEARNING (15 CPs. Sem. I. Mi.) BES1TL Ms Cathleen Farrelly.**

This subject examines how human beings learn and therefore what teachers must do in order that learning can be maximised. A historical overview of learning theories examines the work of behaviourists and early cognitive psychologists, and considers their relevance to contemporary practice. Coverage of recent developments in cognitive learning theory focus on the information processing model and constructivist theory. The concept of metacognition is examined in detail and provides an opportunity for students to take stock of their own learning styles and strategies, and consider their own needs and goals as students in a tertiary institution. Theories of motivation are discussed and due consideration is given to the impact of computer-based technology on learning in schools. Students are introduced to information technology as a library research tool, to word processing, computer graphics and desktop publishing.

**Class requirements:** four hours per week.

**Assessment:** tutorial presentation and participation (20%), educational technology component (20%), 3,000 word assignment (60%).

**Prescribed reading:**

Woolfolk, A. E. (1993) *Educational Psychology* 5th edn, Boston: Allyn & Bacon.

**THERMODYNAMICS (15 CPs. Sem. I. Be.) BEN2TDM Mr Ross Anderson**

Students are introduced to the fundamentals of thermodynamics. The subjects covered include thermodynamic properties, basic concepts and systems, the first law of thermodynamics energy equations (non flow, steady flow, continuity, Bernoulli's equation), gas laws, work in terms of pressure and volume. The second law of thermodynamics, the heat engine, entropy (T-s diagram, reversibility and T-s diagram), Carnot cycle, gas processes, gas power cycles, vapour tables and processes, regenerative power cycles, air compressors (steady flow analysis, air motors, vacuum pumps), assessment of SI and CI engine performance (two stroke and four stroke), engine performance and efficiency (fuel systems), refrigeration and heat pumps (coefficient of performance, vapour compression cycles, reverse heat engine cycles, refrigeration load, refrigerants) and an introduction to heat transfer.

**Class requirements:** four hours of lectures and two hours of tutorial and laboratory work per week.

**Assessment:** 3-hour examination (65%), assignments and laboratory work (35%).

**Prescribed reading:**

Rogers, G. F. C. and Mayhew, Y. R. (1988) *Thermodynamics and Transport Properties of Fluids*, 4th ed, Oxford Basil Blackwell.

Eastop, T. P. and McConkey, A. (1993) *Applied Thermodynamics for Engineering Technologists*, 5th ed, Longman.

Rogers G. F. C. and Hayhew, Y. R. *Thermodynamic Properties of Fluids*, SI Units 5th edn Blackwell.



**THESIS (PH) (72 CPs. Sem. I & II. Be.) BHS4TH Ms Sandra Kippen**  
Students select a topic from the discipline of public health's research interest areas. Approval of the topic depends on the suitability of the proposed project and the availability of appropriate facilities and supervision.

**Prerequisite:** Public Health Research 3.

**Class requirements:** students are expected to attend a seminar series program and present their work in progress at least once during their enrolment period.

**Assessment:** dissertation of up to 15,000-words (100%).

**TOPICS IN MATHEMATICS (15 CPs. Sem. I & II. Be.) BMATHTIM Dr Simon Smith**

*This subject is only offered with the approval of the Head of Division of Mathematics.*

This subject provides an opportunity for advanced students to study a suitable topic in mathematics which is not covered in other subjects offered by the Division of Mathematics. The topic will depend on the interests of students and available staff.

**Prerequisite:** permission of the Head of Division of Mathematics.

**Class requirements:** four hours per week.

**Assessment:** cumulative assessment and examinations. (100%).

**TOPICS IN STATISTICS (15 CPs. Sem. I & II. Be.) BMATHTIS**

**Professor Terry Mills**

*This subject is only offered with the approval of the Head of Division of Mathematics.*

This subject provides an opportunity for students to study a suitable topic in applied statistics which is not covered in other subjects offered by the Division of Mathematics. The topic will depend on the interests of students and available staff.

**Prerequisite:** BMATHMS1 or any two of BMATHFOR, BMATHEXD, BMATHOPR, BMATHQUC or permission of the Head of Division of Mathematics.

**Class requirements:** four hours per week or 3-hours on one evening per week.

**Assessment:** cumulative assessment and examinations (100%).

**TOURISM AND HOSPITALITY LAW 2 (15 CPs. Sem. II. Be.) BTHL2 Ms Francine Rochford**

This subject introduces students to the legal process and the institutions of Australia's legal system. The course emphasises those aspects of law most relevant to small business in the Tourism and Hospitality industries, particularly the law of contracts and the role of local government regulations. Other topics include licensing requirements, liquor control, innkeepers legislation, club management and employment responsibilities. Other issues for consideration include the principles of insurance, the application of consumer and criminal law to the industry and the responsibilities of agents.

**Class requirements:** one 2-hour lectures and one 1-hour tutorial per week.

**Assessment:** 2-hour final examination (50%), 1-hour mid-semester test (20%), tutorial assignments (30%).

**Prescribed reading:**

Latimer, P. (1997) *Australian Business Law*, CCH Australia Ltd.

**TRAINING AND DEVELOPMENT (15 CPs. Sem. I. Be.) BMGTDD Ms Cindy Miles**

The subject introduce students to the theory and practice of training and development of people in the workplace and assists students in developing some basic skills which practising trainers use in their craft. Topics include behaviourist and cognitive theories of learning, with particular emphasis to the learning of adults (a systems approach to training incorporating training needs analysis, development of learning outcomes, design, delivery and evaluation of training), the key issues and approaches to management development, organisational change and unstructured learning in the workplace, the vocational training system with particular reference to the implementation of Australia's National Training Reform Agenda, plus other current issues impacting on training and development.

**Prerequisite:** BMGTTHRM.

**Class requirements:** three hours per week.

**Assessment:** 3-hour examination (50%), two assignments (50%).

**Prescribed reading:**

Smith, A. (1998), *Training and Development in Australia* 2nd edn Butterworths.

**TRANSITION TO GLOBALISM (20 CPs. Sem. I. Be., Mi., Sh.)**

**BH1TRANS Dr Robbie Robertson**

This subject introduces students to the importance of historical study in providing an understanding of the present. In doing so it examines important new theories about change, place and location, and

historical forces which have made possible the contemporary transition to globalism. It examines the impact of the industrial revolutions of the 19th and 20th centuries and in particular explores responses to them such as nationalism and imperialism, economic nationalism, decolonisation, the cold war, and the growth of regionalism, translateral organisations and environmentalism. It also probes the challenges the transition to globalism raises.

**Class requirements:** two 1 hour lectures and one 1-hour seminar/workshop, per week.

**Assessment:** seminar presentation (20%), 2,000-word essay (40%), 2-hour examination (40%).

**TRANSPORT ENGINEERING (15 CPs. Sem. I. Be.) BEN4TE Ms**

**Daniela Ionescu**

This is an introduction to the transport system including road, rail, air and maritime transport and the interaction of these systems, transport economics, traffic prediction, traffic management, road and street design, location and geometry, design traffic, subgrade evaluation, pavement materials, design of flexible pavements, design of rigid pavements, drainage, pavement construction methods, road maintenance. Use of computer packages.

**Prerequisite:** BEN3GT.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (70%), assignments, laboratory and field work (30%).

**Prescribed reading:**

Austroroads, (1992) *Pavement Design, a Guide to the Structural Design of Road Pavements*.

VicRoads current Design Manual.

Lay, M. G. (1985) *Source Book for Australian Roads* 3rd edn, Australian Road Research Board.

**TRANSPORTED BRITONS (20 CPs. Be.,) BH23TB Dr Charles Fahey**  
*Not available in 2000.*

**UNDERSTANDING THE PAST (20 CPs. Be., BH23UP Dr Al Gabay**  
*Not available in 2000.*

**UNIONS AND LABOUR RELATIONS (20 CPs. . Be., Mi., Sh., Aw.)**

**BPS23PSI Mr Ian Tulloch**

*Not available in 2000.*

**URBAN GEOGRAPHY (15 CPs. Sem. II. Be.) BGA23UG Dr Nigel Christie**

The aim is to explore the theories, techniques and practices of urban geography from an interdisciplinary perspective. A systems approach is applied to the analysis of urban spatial structures and processes in developed and developing countries. The analysis covers three broad themes, namely the urban economic systems, enviro-social systems and politico- planning systems. The theories, techniques and practice of the subject are further reinforced by a compulsory field trip, in addition to the time allocated for lectures, practicals and tutorials.

**Prerequisite:** one, 100-level geography subject.

**Class requirements:** two hours of lectures and two hours of tutorial.

**Assessment:** 2,500-word essay (30%), 1,500-word field trip report (15%), 1,500-word essay (25%), three practical exercises (30%).

**Preliminary reading:**

Knox, P. (1994) *Urbanisation, an Introduction to Urban Geography*, Englewood Cliffs.

**Prescribed reading:**

Troy, P. (ed.) (1995) *Australian Cities* Cambridge, or

Short, J. (1996) *The Urban World*, Oxford.

**URBAN/RURAL ENGINEERING 2 (5 CPs. Sem. I. Be.) BEN5UR2 Dr John Russell**

*This subject will be offered for the last time in 2000 and is also Subject to staff availability.*

Further developments of the concepts of planning in urban and rural areas. Planning the infrastructure needed for specific developments. Funding the development and maintenance of infrastructure. Asset management: establishment of asset registers, assessment of assets, valuation of assets. Economic, environmental and social decisions. Prerequisites: BEN4TE1, BEN3HE1, BEN4HE2.

**Class requirements:** two hours per week.

**Assessment:** assignments (100%).

**URBAN/RURAL ENGINEERING (15 CPs. Sem. II. Be.) BEN4UR Dr John Russell**

*Subject to Staff availability.*

The historical development of urban and rural areas with particular reference to Victoria. The development of formal planning schemes, the nature of such schemes, and their impact on development. Planning legislation in Victoria and the administration of the legislation. The role of



the engineer in planning and the implementation and control of development. The role of Local Government, the legislation controlling local Government and the role of the Municipal Engineer. Planning the infrastructure required for specific developments. Funding the development and maintenance of infrastructure. Asset management, establishment of asset registers, assessment of assets, valuation of assets. Economic, environmental and social decisions.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (50%), assignments (50%).

**Prescribed reading:**

Victoria. Planning and Environment Act 1987, Local Government Act, Subdivision Act.  
Logan, T. *Urban and Regional Planning in Victoria*. Shillington House.  
Beed, C. S. *Melbourne's Development and Planning*. Clewara Pres.

**VET METHOD (30 CPs. All year. Be.) BESSVET Mr Mal Ward**

The subject introduces students to the VET sector and the National Training Reform agenda. Current pedagogy which focuses on learning outcomes for adult learners and implications for practice are discussed. Students will use a reflective action learning model as they develop a specific industry teaching program for implementation in their own circumstances. Principles of competency-based assessment form the foundation of the subject. Program evaluation and validation models are developed. Content includes, the VET Sector (differentiating characteristics), industry-specific teaching studies, industry practice within particular teaching discipline - implications for learning, workplace delivery, national Training Reform Agenda Policy and Practice (key elements, effect on VET practice), pedagogy Vs andragogy (implications for practice, VET sector learning and learners), action learning (key elements, use in VET, professional development), change and implementation (theory and workplace implications), competency-based assessment (theory and practice, strengths and weaknesses) and evaluation and validation (key elements, role of quality assurance, industry responsiveness).  
**Prerequisite:** eligible to enrol in Graduate Diploma of Education (Secondary).

**Class requirements:** equivalent to two 2-hour sessions per week.

**Assessment:** action learning program (30%), industry specific teaching unit (50%), literature review (20%).

**Prescribed reading:**

(1993) *Training Reform Agenda Exposed*, Strategic Planning and Development Branch DEET library and information service.

**VICTORIA IN THE 19TH CENTURY (24 CPs. Sem. I. Be.) BHRH4VRH Dr Charles Fahey**

A study of various themes of historical change in 19th century provincial Victoria, with central northern Victoria as a case study. The subject examines pre-European settlement, the impact of Europeans on Koori society, pastoral Victoria, the impact of alluvial and company gold mining, the nature of mature goldfields society and the transformation of rural society.

**Class requirements:** 1-hour per week.

**Assessment:** graduate diploma students: 1,500-word seminar paper (30%), 5,000-word research paper (70%). Honours students: 3,000 word seminar paper (30%), 5,000-word research paper (70%).

**VIDEO PRODUCTION (20 CPs. Sem. I. Be.) BES4VP Mr Les Lyons**

This introductory level subject is suitable for both teachers and those with a general interest in video production. It consists of workshops to introduce participants to the knowledge and skills required for general video production and the documentary. Through the development of mini-productions students will be familiarised with concept development, audiences, story-boarding, scripting, portable and studio cameras, VHS and digital formats, lighting, audio, computer graphics and editing.

**Class requirements:** four hours per week.

**Assessment:** workshop participation (20%), 2-productions (80%).

**VISION: ABILITY & DISABILITY (20 CPs. Sem. II. Be.) BESSVAD Dr Dixie Blanksby**

This subject introduces the basic physiology of vision. Visual functioning is explored in terms of visual capacity, visual attention and visual processing. Vision impairment is considered in terms of aetiology and the effects of functional loss. Implications for teaching and learning are reviewed and impacting environmental factors discussed.

**Class requirements:** equivalent to four hours per week, this could include full day classes during weekend or school vacations.

**Assessment:** literature review or essay (50%), project (50%).

**VISUAL ARTS METHOD 1 (15 CPs. All year. Be.) BAE5VAM1 Ms**

*Susan Paterson*

Potential post-primary teachers are provided with an involvement with content and media relevant to school circumstances, examination of and practice in art criticism methods used to evaluate visual images, experience with curriculum planning and organisation of art activities appropriate for adolescents and knowledge development relevant to Australian cultural heritage in the visual arts.

**Prerequisite:** an approved Diploma of Art, or an approved Degree with a major study in Fine Art.

**Co-requisite:** BAE5VAM1.

**Class requirements:** two hours per week.

**Assessment:** gallery presentation (25%), curriculum design project (25%), folio (25%), essay (25%).

**VISUAL ARTS METHOD 2 (15 CPs. All year. Be.) BAE5VAM2 Ms**

*Susan Paterson*

This continues from Visual Art Method 1 and develops knowledge related to contemporary curriculum directions in the Arts with a focus on a range of visual art media, painting, print-making, drawing, ceramics, photography, graphic communication, sculpture, textiles, multimedia and computer generated techniques.

**Prerequisite:** a Diploma of Art, or a recognised degree with a major study in fine art.

**Class requirements:** two hours per week.

**Assessment:** gallery presentation (25%), curriculum design project (25%), folio (25%), essay (25%).

**WATER SCIENCE: ESSENTIALS (15 CPs. Sem. I. Be.) BBIWSE Dr**

*Jacques Soddell*

An introduction to the nature of the aquatic environment and its uses and abuses by our society. A multi-disciplinary approach examines chemical, biological and physical processes, how these may be unbalanced by human activity and subsequently affect human health. Topics include water in society, water as a finite resource, the water cycle, aquatic macro and micro environments, eutrophication, the relationship between soil and water, water quality indicators, chemical and microbial pollution, water-borne disease, water use (drinking, swimming, spas, cooling towers, etc), waste water management and an overview of the *Environmental Protection Act*.  
**Prerequisite:** BBI110 or BBI1LS1 or equivalent approved by course or subject coordinator.

**Class requirements:** two hours of lectures, two hours of tutorials, demonstrations, practicals and excursions per semester.

**Assessment:** 2-hour examination (50%), 1,500 word assignment and practical reports (50%).

**WATER TREATMENT (15 CPs. Sem. II. Be.) BEN4WT**

Students will be introduced to the following: Elements of microbiology. The sources of pollution in drinking water, measurement of water quality, bacteriological and other water-borne waste, control of pollution. Water treatment plants: chemical treatment, filtering, plant layout and design, control systems. Sewage treatment: review of treatment methods, design of plants for specific conditions, plant operation.

**Prerequisite:** BEN3HD.

**Class requirements:** five hours per week.

**Assessment:** 3-hour examination (60%), assignments (40%).

**Prescribed reading:**

Eckenfelder W. W. *The Activated Sludge Process*, Technomic Publishing.

**WEB DEVELOPMENT (15 CPs. Sem. II. Be.) BITWDE Ms Mary Martin**

Students are introduced to the basic concepts necessary for development of applications for the World Wide Web, and the available tools for Web development. Topics covered: history of the World Wide Web; overview and architecture of the World Wide Web, its current uses and potential development; methods for displaying information on the web, the HTML document; creating simple and advanced HTML documents; animation and executable program links; making the web interactive: forms and CGI programming creating simple forms for data collection; introduction to JavaScript as a general development tool for Web programming, writing simple applets in JavaScript.

**Prerequisite:** BITITE or BITCFU, or permission of the Lecturer.

**Class requirements:** (Web-based): 3-hour workshops fortnightly, unlimited email contact for one semester (campus-based).

two hours of lectures, two hours of tutorial and practical work per week.

**Assessment:** 3-hour examination (50%), 1,500 word assignment (20%), and a 2,000 word programming assignment (30%).

**Prescribed reading:**

Gottlieb, T. T. (1999) *Excellent HTML*, McGraw-Hill.

**WEB ENGINEERING (15 CPs. Sem. II. Be.) BITWEN Mr Phil Scott**

Students will study advanced concepts and issues associated with the development of commercial and business applications for the World Wide Web. Topics include web page design issues, new and emergent mark-up language concepts for the Web Protocols, forms and CGI basics; programming in Perl; shopping cart applications; web security; payment systems, emergent "digital cash" systems; CGI and database systems; large scale vendor systems; web server issues: applications in e-commerce; new developments in Internet-based e-commerce; the politics of e-commerce, censorship and regulation, taxation issues.

**Prerequisites:** BITDST, BITCNE.

**Class requirements:** (Web-based): 3 hours fortnightly, unlimited email contact for one semester. (Campus-based): two hours lectures per week and two hours of tutorial and practical work.

**Assessment:** 3-hour examination (50%), 1,500 word assignment, (20%), 2,000 word programming assignment (30%).

**Prescribed reading:**

Gundavaram, S. (1997) *CGI Programming on the World Wide Web*, O'Reilly.

Garfinkel, S. and Spafford, G. (1997) *Web Security and Commerce*, O'Reilly.

**WOMEN AND HEALTH (15 CPs. Sem. II. Be.) BHS8WAH Ms Helen Keleher**

*Offered subject to sufficient student enrolments.*

From a sociological base, this subject raises awareness of specific health problems confronting women. The social model of health is developed for its appropriateness in the development of understanding about the context of women's health and women's health services. Specific issues are addressed, including reproduction and contraception, violence, sexual health, mental and emotional health and service delivery.

**Prerequisite:** previous degree-level study of one of, sociology (general subjects), or health sociology.

**Class requirements:** three hours per week.

**Assessment:** seminar and paper (20%), research assignment (50%), class test (30%).

**WOMEN'S HEALTH (15 CPs. Sem. II. Be.) BHS8WMH Ms Karen Riley**

*Offered subject to sufficient enrolments. May be delivered in intensive study block mode.*

This subject provides students with the opportunity to explore the nursing concepts associated with the provision of women's health care. The subject offers a broad range of historical and current issues in women's health which impact on the psychological, physiological and socio-cultural aspects of holistic nursing care.

**Prerequisite:** all first and second year Bachelor of Nursing subjects or equivalent.

**Class requirements:** 39 hours per semester.

**Assessment:** 2,500-word multifaceted assessment (60%), 1,000-word written assignment (40%).

**WORKING WITH FAMILIES (20 CPs. Sem. I. Be.) BES5WF Dr**

**Michael Faulkner**

This subject gives students an understanding of social change and its effects upon family systems. The implications for families with a child with a disability are examined. The role of the professional and the changing nature of the parent - professional relationship is considered in this context. The evolving role of the state in relation to education and health services provision is also considered within the subject, from the point of view of those families supporting individual members with special needs. Assignment requirements may include some liaison with family agencies.

**Prerequisite:** BES5ISE.

**Class requirements:** one semester equivalent.

**Assessment:** 3,500 word essay (60%), 1,500 word assignment (30%), class participation (10%).

**WORLD CINEMA (20 CPs. Be.) BLFA23WC Dr Harry Oldmeadow**

*Not available in 2000.*

**WT HONOURS THESIS (48 CPs. All year. Be.) BT4THES Dr Roger**

**Sworder**

Students are required to select and under supervision, investigate and write a dissertation on an individual research topic. The topic chosen must be one for which the University can provide adequate supervisory and library resources.

**Class requirements:** 1-hour supervision per week.

**Assessment:** 10,000-12,000 word thesis (100%).

# ALBURY/WODONGA CAMPUS

**Inquiries:** Parkers Road, Wodonga, with the School of Nursing on the

1<sup>st</sup> floor, Building B, 15 Mc Koy Street Wodonga

**Tel:** (02) 6058-3700

**WWW:** <http://www.aw.latrobe.edu.au>

## Courses Available

All academic units at the Albury/Wodonga campus are members of the University's faculties and further details on the courses offered can be found in the faculty entries elsewhere in this Handbook.

## Regional bonus

In pursuing the regional mission of the University, provision is made for persons who have experienced educational or other disadvantages that may be associated with living in a regional community. Qualified applicants from most schools in southern New South Wales and northern Victoria will be awarded bonus points in recognition of their regional status.

## Uniforms

Nursing students are required to purchase uniforms to wear while attending hospitals and other health agencies. Details of requirements are given to students at the start of the course. Hospitality Management students are required to purchase a chef's uniform to wear during 'in kitchen' classes and a La Trobe uniform for classes held in the restaurant and whenever students are representing the University at functions.

## Access by public transport

A bus service operates from the Wodonga town centre to the Albury/Wodonga campus and vice versa, with regular connections to the Albury Town Services. Further information is available from Mylon Motorways on (02) 6056 3100. Three train and coach services per weekday, to and from Melbourne, are operated by V/Line.

## Academic Skills Unit

The Unit assists students with academic concerns such as essay writing, library use, effective reading, examination preparation, note taking and time management on an individual or group basis. Support is provided to students from non-English speaking backgrounds. During second semester of each year, the Unit runs a University Bridging Program for mature-age students who are intending to commence a university course in the following year. Places in this program are available for Aboriginal and Torres Strait Islander students. Other short-term preparatory programs are conducted from time to time. Inquiries tel: (02) 6058 3772.

## Accommodation

**On campus:** There are 10 units (65 places) available for use by students. All students are eligible to apply, but preference is given to students in the Bachelor of Nursing. Applications must be submitted by 7 January 2000. Residences have single, fully furnished rooms, shared lounge and self-catered, fully equipped, kitchen facilities. Rent in 1999 was \$ 77 per week with a deposit of \$190. Support services are available from the Unit Representative, Accommodation Officer, Counsellor or on-site Property Supervisor. For an application form, tel: (02) 6055 6389.

**Off campus:** La Trobe University shares an off-campus accommodation register with Wodonga Institute of TAFE, Charles Sturt University and Albury TAFE. Students wishing to secure a rented room or board and lodging arrangement within the Albury/Wodonga area, can apply through the Accommodation Officer or to: Tertiary Students Accommodation Register, PO Box 789, Albury NSW 2640, tel: (02) 6041 8942.

## Computing facilities

The campus computer laboratories are equipped with modern facilities and students are encouraged and assisted to become familiar with computers as a daily work tools.

## Child Care Centre

The Centre offers students, staff and the community access to quality childcare through a 60-place facility providing part-time, full-time and pre-school sessions for children aged between six weeks and six years. The Centre is open 8 am to 6 pm, Monday to Friday and operates on a fee-for-service basis. For further information, tel: (02) 6055 6653.

## Careers Service

The Service provides programs and personal assistance for students aimed at developing the skills to make a successful transition to work or further study. Programs include a career and course information library, career counselling, professional resume production, interview and job-seeking skills workshops and careers forums. For an appointment, tel: (02) 6055 6683.

## Chaplaincy

An ecumenical Christian chaplain is available to students and staff with referrals to clergy of other faiths available. tel: (02) 6058 3796.

## Counselling Service

Confidential free personal and educational counselling is available to all students and staff regarding any issues which arise and present difficulties during a course of study. Issues which may arise include: adjustment to living away from home, personal and relationship problems, health issues, study motivation and financial stress; tel: (02) 6055 6631 for appointment.

## Disability Liaison Officer

The DLO assists students who may suffer an impediment to study by virtue of a disability. Any student may inquire as to the availability of assistance, for permanent or temporary disabilities. tel: (02) 6055 6662.

## Equal Opportunity

The Equity Officer assists students with any issues associated with equity, access and social justice. tel: (02) 6055 6658.

## Library

The Library is a joint facility serving the staff and students of both La Trobe University and Wodonga Institute of TAFE. It has an extensive collection of books, serials and audiovisual materials to support the courses taught. A web-based catalogue enables students to request resources held at other campuses. The library subscribes to a wide range of national and international electronic databases and CD ROM products, as well as provides access to the Internet for research purposes. Assistance with resources and advice on search techniques are available from library staff. The Library home page is at: <http://www.latrobe.edu.au/depart/library/index.htm>.

## Student Association

Each student automatically becomes a member of the Student Association, if desired. The Association organises social and sporting activities and has its own building adjacent to the campus at Parkers Road.

## Student welfare

The Service aims to assist students to maintain a healthy and productive lifestyle. Assistance includes information on Austudy and Social Security, student loans, off-campus accommodation, health promotion and referrals to appropriate welfare agencies; tel: (02) 6055 6389.

## University Bookshop

The Bookshop has a large range of texts, stationery, academic and resource books available and also provides services such as laminating and provision of computer equipment.

## Programs of study at Albury/Wodonga

The programs offered at the campus are controlled by the faculties of the University and are delivered, in most instances, by staff located at the campus. In some cases visiting staff from other campuses deliver lectures, tutorials and other programs for students. In the following sections the programs offered at the campus are listed under the relevant faculties and schools. The names of contact people at the campus are provided for those seeking information about particular courses. Specific details of subjects are provided in the sections of this Handbook for the different faculties. Details on specific subject can be found by referring to the Index at the back of this Handbook.

## Programs of the Faculty at Bendigo

The School of Arts and Education of the Faculty at Bendigo offers the Bachelor of Education, a number of graduate certificates in education in the specific areas of adult literacy and basic education, professional development, educational administration, and industry training and education. It also offers a number of graduate diplomas in the specific areas of adult literacy and basic education, education (P-12), educational administration, industry training and education, and vocational education training. These programs are delivered at the Parkers Road site. Inquiries of a general nature should be directed to Ms Brenda Sellers (tel: 02 6058 3865), while course and subject descriptions are available in the main entry for the School of Arts and

## Programs of the Faculty of Health Sciences

The Faculty offers the Bachelor of Nursing (pre-registration) through the School of Nursing located in Building B of the campus in McKoy Street, Wodonga. General information on the course is available from Ms Liz Kuisma (tel: 02 6058 3710). The Diploma in Welfare Studies (for continuing students only), the Bachelor of Welfare Practice and the Bachelor of Social Work are offered through the Rural Health and Human Services Unit in the Department of Social Work and Social Policy in the School of Public Health located at Parkers Road. General information on these courses may be obtained from Ms Louise Williams (tel: 02 6058 3802). Specific details of the courses and their component subjects are provided in the Faculty of Health Sciences section elsewhere in this Handbook. Details on specific subject can be found by referring to the Index at the back of this Handbook.

### Course Structures

- Bachelor of Arts with a major in Human Services
- Bachelor of Nursing
- Bachelor of Nursing (Honours)
- Bachelor of Welfare Practice
- Diploma in Welfare Studies

## BACHELOR OF ARTS WITH A MAJOR IN HUMAN SERVICES

For details of the course structure see the entry in the Faculty of Humanities and Social Sciences section of this Handbook.

## BACHELOR OF NURSING (PRE-REGISTRATION)

**Inquiries:** Albury/Wodonga School of Nursing  
**Tel:** (02) 6058 3710

The course has been revised to provide consistency of undergraduate nursing programs across all University campuses. The first year of the revised course will be introduced in 2000 but continuing students will undertake years two and three of the former course. For comprehensive details on the course, please refer to the Bachelor of Nursing (Pre-registration) - Bundoora entry elsewhere in this Handbook. The clinical learning component occurs in hospitals and health-care agencies in the Albury/Wodonga area and a variety of metropolitan facilities. The full structure of the revised course is as follows:

### First year - 2000

Sem.	Subject code	Credit points
1	Health Care Perspectives WNU1HCP	15
1	Introduction to Behavioural Health Sciences WPH1IB1	15
1	Introduction to the Human Body WHB11API	15
1	Nursing: an introduction to professional practice WNU1IPP	15
2	Health Assessment and Anatomy WNU1HAA	20
2	Human Body Function WHB12HAF	15
2	Human Ecology and Microbiology WPH1HEM	10
2	Introduction to Behavioural Science 2 WPH1IB2	15

### Second year - 2001

Sem.	Subject code	Credit points
1	Analysis of Nursing Practice: Accountability, law and ethics WNU2ANP	10
1	Elective (from anywhere in the University)	15
1	Nursing Therapeutics and Practice: Geriatric nursing WNU2TPA	25
1	Pathology and Pharmacology WHB21PPN	10
2	Health Education and Promotion in a Cross-cultural Society WNU2HED	15
2	Nursing Therapeutics and Practice: Acute and chronic illness 1 WNU2AC1	30
2	Research in Health Care WPH2RMN	15

### Third year - 2002

1	Nursing Therapeutics and Practice: acute and chronic illness 2 WNU3AC2	30
1	Nursing Therapeutics and Practice: mental health and illness WNU3MHI	15
1	Philosophies in Nursing WNU3PNI	15
1	Elective (from anywhere in the University)	15
2	Nursing: complex care WNU3NCC	30
2	Primary Health Care WNU3PHC	15

### Honours year - 2003

1	Clinical Practice Elective WNU4CPE	30
1	Philosophies in Nursing WNU4PIN	15
1	Research Skills for Nursing Practice WNU4RNP	15

1&2	Nursing Thesis WNU4THE	60
2	Advanced Nursing Practice: Reflections and actions WNU210	15
2	Research Methods WNU820	15

*The full structure of the course being phased out is as follows:  
Course structure - three-year program*

### Second year - 2000

Sem.	Subject code	Credit points
1	General Pathology WHB21PAG	5
1	Health Education WNR204	5
1	Nursing Therapeutics and Practice 1 WNR210	40
1	Professional Nursing Studies 3 WNR201	10
2	Nursing Therapeutics and Practice 2 WNR220	40
2	Professional Nursing Studies 4 WNR205	5
2	The Family in Transition WNR208	15

### Third year - 2000

1	Nursing Therapeutics and Practice 3 WNR310	30
1	Primary Health Care WNR304	20
1	Professional Nursing Studies 5 WNR305	10
2	Nursing Practice Elective WNR307	15
2	Nursing Therapeutics & Practice: mental health and illness WNR309	15
2	Nursing Therapeutics and Practice 4 WNR320	20
2	Professional Nursing Studies 6 WNR301	10

## HONOURS - 2000

An Honours stream is available as the fourth year of the course (third year in the two year program), and is normally undertaken on a part-time basis over two years. See the honours description above. Note that students undertaking study at the Albury/Wodonga campus will receive a credit, if eligible, for WNU210 Advanced Nursing Practice.

### Course structure

Honours students take four subjects, participate in a research seminar and submit a research essay or project comprising 10,000 to 12,000 words or the equivalent.

### First year

(all subjects are worth 15 credit points)

Sem.	Subject code	Credit points
1	Advanced Nursing Practice: reflection and action WNU210	
1	Research Skills WNU810	
2	History and Philosophy in Nursing 1 WNU801B	
2	Research Methods WNU820	

### Second year

1&2	Research Essay or Project Attendance at research seminars. WNU899	60
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## BACHELOR OF NURSING - GRADUATE ENTRY

(two-year program)

A week long introduction to nursing program is conducted the week before the start of the normal academic year. Attendance during this week is compulsory for all students. Students with no previous studies in human anatomy and physiology are required to complete a short course prior to the commencement of the program. More information is available from the course administrator.

### Course structure

For details of the course structure refer to the Bachelor of Nursing - Bundoora entry in the Faculty of Health Section elsewhere in this Handbook.

## HONOURS

An honours year may be undertaken as the third year of this program. See the honours description above.

### Professional recognition

Identical to that available to graduates from the Bundoora campus

## BACHELOR OF SOCIAL WORK

**Inquiries:** Albury/Wodonga Rural Health and Human Services Unit  
**Tel:** (02) 6058 3802

The course entitles graduates entry into the profession of social work and the degree is recognised by the Australian Association of Social Workers (AASW). Students will develop the knowledge, values and skills appropriate to understanding the needs commonly experienced by individuals, families, groups and communities and the appropriate responses for aiding personal and social adjustment.

The degree prepares students to practice in a wide range of social

work roles, including direct service, research, administration and social policy and planning. Study areas include social welfare history, social work practice methodologies, socio-personal systems, community organisation, research methods, social policies and programs, laboratory work and field studies.

The curriculum of the course is based on a philosophy of social justice, and is taught within an adult-learning model. Students are encouraged to relate their relevant experiences to the theories and practice knowledge presented in the program.

### Degree requirements

The course is offered as a four-year degree for post-VCE entry and as a two-year (graduate entry) degree for applicants with at least two years of approved tertiary study. Advanced standing may be offered to suitably qualified applicants.

### Course structure

Students are required to undertake a course of studies equivalent to that listed below. Electives, subject to approval, may be chosen from the complete range of subjects offered on the campus where a student is enrolled. From time to time students may be required to attend some lectures and seminars in block mode and/or out of usual University hours. For the purpose of Higher Education Contribution Scheme (HECS) this course is valued at 120 credit points per year.

#### First Year

Sem.		Subject code	Credit Points
1	Introduction to Sociology A	WWS6125	15
1	Psychology Studies A	WPS11PSA	15
1	Social Work 1A: Introduction to social work and social welfare	WSW1ISA	15
1&2	Elective		30
2	Introduction to Sociology B	WWS6126	15
2	Psychology Studies B	WPS12PSB	15
2	Social Work 1B: Structural bases of poverty and inequality	WSW1SPI	15

#### Second year

1	Social Work 2A: Individual and Social Contexts of Social Work Practice	WSW2ISP	20
1	Social Work 2B: Helping Professions and Social Work	WSW2HPS	10
1&2	Elective <sup>1</sup>		40
1/2	Fieldwork and Ethnography	WFAE	20
2	Social Work 2C: Organisational Contexts and the Diversity of Social Work Practice	WSW2OCD	20
2	Social Work 2D: Applied Social Work Research	WSW2SWR	10

#### Third year

(all subjects are worth 30 credit points)

1	Elective <sup>1</sup>		
1	Social Work 3A: Conceptualisations of social work and social welfare <sup>2</sup>	WSW3CSW	20
1	Social Work 3B: Social work practice with individuals, families and groups	WSW3IFG	20
1	Social Work 3C: Social work practice in social development and policy contexts	WSW3SDP	20
1	Social Work 3D: Social work practice in legal, ethical and rights contexts	WSW3LER	20
2	Social Work 3E: Social work practice specialisations	WSW3SWS	20
2	Social Work 3F: Social work practicum 1	WSW3FWP	20

#### Fourth year

(all subjects are worth 30 credit points)

1&2	Fields of Practice <sup>2</sup>	15622W
1&2	Knowledge for Practice <sup>2</sup>	15621W
1&2	Social Work Theory & Practice <sup>2</sup>	15620W
1/2	Social Work Field Education <sup>2</sup>	15623W

**Key:** <sup>1</sup>Two year (graduate entry) students only. <sup>2</sup>Fourth year students only. For full subject description, please refer to the Index of subjects located at the back of the Handbook.

## BACHELOR OF WELFARE PRACTICE

**Inquiries:** Rural Health and Human Services Unit,  
**Tel:** (02) 6058 3802

The Bachelor of Welfare Practice is a three-year full-time program offered by La Trobe University Albury/Wodonga campus, Rural Health and Human Services Unit. Part-time study is available. The course is designed to prepare graduates for a wide variety of situations, both rural and urban, within which welfare trained personnel work.

The course prepares graduates for practice in the contemporary human services field in an environment of changing need, funding, and service arrangements. The curriculum includes a focus on the characteristics and implications of these changes in rural and regional contexts. In particular, the Bachelor of Welfare Practice is intended as a preparation for work in a changing public sector, including practice with statutory clients.

The course teaches a broad range of skills and understandings appropriate for working with individuals, families, groups and/or communities in crisis or development. A variety of theoretical perspectives and skills are introduced in the curriculum. During the two periods of field education, students have the opportunity to integrate and practice skills and knowledge.

### Admission requirements

The normal requirement for admission is satisfactory completion of an approved Year 12 course, including a pass in English. Mature-age applicants with no VCE or equivalent may be eligible through the alternative category method of entry. For further details, contact the Selection Officer.

### Course structure

The course is offered full-time over three years and includes up to 65 fieldwork placement days. Students will need to undertake some of the fieldwork preparation and placement days during the non-teaching weeks of the year. Fieldwork preparation is usually undertaken during evenings or weekends. Students must complete the following subjects and must gain 120 credit points in each year of the course.

#### First year

(all subjects are worth 15 credit points)

Sem.		Subject code
1	Introduction to Social Welfare	WRH1ISW
1	Introduction to Sociology A	WWS6125
1	Psychology Studies A	WPS11PSA
1	Reflective Communication	WRH1RC1
2	Introduction to Sociology A	WWS6126
2	Preparation for Professional Welfare Practice	WRH1PPP
2	Psychology Studies B	WPS12PSB
2	Societal Context of Social Welfare	WRH1CSW

#### Second year

(all subjects are worth 20 credit points)

1	Community Development in Professional Practice	WRH2CDP
1	Contemporary Australian Politics	PO2AP
1	Fieldwork & Ethnography or one Elective	W2FAE
2	Casework in Professional Practice	WRH2CPP
2	Public Welfare <sup>1</sup>	WRH2PW1
2	Welfare Practice Field Education Project	WRH2FE1

#### Third year

(all subjects are worth 20 credit points)

1	Contemporary Human Services	WRH3CHS
1	Fieldwork & Ethnography or one elective <sup>2</sup>	W3FAE
1	Social Policy and Program Development <sup>1</sup>	WRH3SP1
2	One Elective	
2	One Elective	
2	Welfare Practice Field Education Practicum	WRH3FEP

**Key:** <sup>1</sup>Not available in 2000. <sup>2</sup>If not undertaken in 2<sup>nd</sup> year

## DIPLOMA IN WELFARE STUDIES (Continuing students only)

**Inquiries:** Rural Health and Human Services Unit,  
**Tel:** (02) 6058 3802

The course teaches a broad range of skills and understandings appropriate for working with families, groups and communities. A variety of theoretical perspectives and skills are introduced. During the two periods of fieldwork practice students have the opportunity to integrate and practise these skills and knowledge.

The diploma is not a social work qualification. Graduates from the program may apply for entrance into the Bachelor of Social Work on the basis of their two years of study.

This course is being phased out and as there will be no further admissions after 1999, it will not be possible for students who commence in that year to defer entry, interrupt enrolment, or convert to part-time during the course.

### Course structure

The course is offered full-time over two years and includes up to 65 fieldwork placement days. Students will need to undertake some of the fieldwork placement days during the non-teaching weeks of the year. Fieldwork preparation is usually undertaken during evenings or weekends. Students must complete the following subjects:

#### First year (no longer available)

Sem.	Subject code	Credit Points
1	Introduction to Sociology A	WWS6125 20
1	Psychology studies A	WPS11PSA 20
1	Welfare Issues	WWS6142 15
1	Welfare Methods 1A	WWS6140 15
2	Fieldwork and Practice A	WWS6246 15
2	Introduction to Sociology B	WWS6126 20
2	Psychology studies A	WPS12PSB 20
2	Welfare Methods 1B	WWS6141 15

#### Second year

(all subjects are worth 15 credit points)

1	One elective (minimum)	
1	Welfare Law and Policy	WWS6242
1	Welfare Methods 2A	WWS6240
1	Welfare Services and Administration	WWS6143
2	Fieldwork and Practice B	WWS6247
2	Two electives (minimum each)	
2	Welfare Methods 2B	WWS6241

### Professional recognition

The course is recognised by the Australian Institute of Welfare and Community Workers and by the Commonwealth and Victorian Public Service Boards for the employment of welfare workers.

### Programs of the Faculty of Humanities and Social Sciences

The Faculty of Humanities and Social Sciences offers the Bachelor of Arts at the Parkers Road campus. This course involves completion of subjects giving a total of 360 credit points, normally over three years of full-time study or the part-time equivalent. The core discipline for this degree is sociology, and students may select subjects from several approved areas of study which include: human services, politics, Indonesian, behavioural sciences, business, environmental management and ecology, Asian studies, human and social ecology, selected subjects in gerontology, theatre, drama and American history.

#### The subjects chosen should be such that:

- there are no more than 135 credit points for subjects at first year level;
- there are no more than 30 credit points in any area in first year;
- there are at least 120 and no more than 190 credit points of subjects in the area of sociology.
- 90 credit points at first year level must normally be from arts subjects.

Generally, students follow a course structure where they take either 190 credit points in sociology and 170 credit points in elective subjects (the sociology stream) or 120 credit points in sociology, 120 credit points in another discipline area, and 120 credit points of elective subjects. Students may elect to follow the human services major for the Bachelor of Arts. Inquiries of a general nature about the course may be directed to Ms Jenny Copeman (tel: 02 6058 3827). Details of specific subjects are available from the listings provided elsewhere in this Handbook for the Faculties of the University. To locate details on a specific subject refer to the Index at the back of this Handbook. The following subjects are available at Albury/Wodonga for students entering the Bachelor of Arts. With the exception of Introduction to Sociology A and B which are worth 15 credit points each, all remaining subjects are worth 20 credit points each.

### Sociology Stream

#### First year

Sem.	Subject code
1	Introduction to Sociology A
2	Introduction to Sociology B

#### Second year

1	Fieldwork and Ethnography	W2FAE
2	Quantitative Methods 2	W2QAM1
1	Sociology of Health and Illness	W2SH12
1	Sociology of the Environment 2	W2SOE1

2	Class and Inequality	W2SCI
2	Sociology of Emotions	W2SE
2	Sociology of Natural Resources	W2SNR
2	Sociology of Work	W2SOW

#### Third year

1	Fieldwork and Ethnography 3	W3FAE
1	Reading Unit in Social Theory	W3RST
2	Class and Inequality	W3SCI
2	Quantitative Methods 3	W3QAM1
2	Sociology of Emotions	W3SE
1	Sociology of Health and Illness 3	W3SH12
2	Sociology of Natural Resources 3	W3SNR
1	Sociology of the Environment 3	W3SOE1
2	Sociology of Work 3	W3SOW

#### Elective subjects for Bachelor of Arts

##### First year

(All subjects are worth 15 credit points unless noted.)

Sem.		Subject code
1	American History through Film: the growth of the republic 1500-1877	HIHFA
1	English 1CTT Introduction to Literature: texts over time	
1	Indonesian/Malay 1B-1	WIM1B1
1	Introduction to Asia B	AS1ITAB
1	Reflective Communications	WRH1RC1
1	Theatre, Production and Reception	DR1TPR
2	American History through Film: modern America 1877-1998	HIHFB
2	English 1CVN Classic Victorian Novels: becoming an adult in the nineteenth century	
2	Indonesian/Malay 1B-2	WIM1B2
2	Introduction to Asia A	AS1ITAA
2	Introduction to Performance Process	WDR1IPP
2	Societal Context of Social Welfare	WRH1CSW
Other approved subject(s) in psychology, business, environmental management and ecology, and rural health.		

##### Second year

(All subjects are worth 20 credit points unless noted.)

1	Contemporary Australian Politics 2	P02AP
1	Employment, Education and Leisure	WGB790
1	Indonesian/Malay 2B-1	WIM2B1
1	DR2AUS Australian Drama from 1955 to the present day	
2	DR2PM Drama Performance making	
2	HP2PWA Liberation and Beyond – the United States 1945 - 2000	
2	Ageing, Dying and Death	WGB850
2	Cross Cultural Aspects of Ageing	WGB750
2	Australia, Asia and the World	P02AA
2	Indonesian/Malay 2B-2	WIM2B2

Other approved subject(s) in psychology, business, environmental management and ecology, and rural health.

##### Third year

(All subjects are worth 20 credit points unless noted.)

1	Contemporary Australian Politics 3	P03AP
1	Indonesian/Malay 3A-1	WIM3A1
1	Employment, Education and Leisure	WGB790
1	DR3AUS Australian Drama from 1955 to the present day	
2	DR3PM Drama Performance making	
1	Indonesian/Malay 3B-1	WIM3B1
2	Ageing, Dying and Death	WGB850
2	Cross Cultural Aspects of Ageing	WGB750
2	Australia, Asia and the World 3	P03AA
2	Indonesian/Malay 3A-2	WIM3A2
2	Indonesian/Malay 3B-2	WIM3B2

Other approved subject(s) in psychology, business, environmental management and ecology, and rural health.

### Human Services Major

Students wishing to enter careers in the area of health and human services may elect to follow the Bachelor of Arts with a major in human services which is more prescribed than the courses outlined above. This program is constructed as follows:

#### First year

(All subjects are worth 15 credit points unless noted.)

<b>Sem.</b>	<b>Subject code</b>
1 Introduction to Sociology A	WWS6125



1	One arts elective (any approved arts subject)	
1	Psychology Studies A	WPS11PSA
1	Reflective Communication	WRH1RC1
2	Introduction to Sociology B	WWS6126
2	One arts elective (any approved arts subject)	
2	Psychology Studies B	WPS12PSB
2	Societal Context of Social Welfare	WRH1CSW

Second year

(All subjects are worth 20 credit points unless noted.)

1	Approved Sociology subject	
1	Community Development in Professional Practice	WRH2CDP
1	Theory of Professional Practice	WRH2TPP
2	Approved Sociology subject	
2	Welfare Practice Field Education Project	WRH2FE1
2	Work in Professional Practice	WRH2CPP

Third year

(All subjects are worth 20 credit points unless noted.)

1	Approved Sociology subject	
1	Contemporary Australian Politics	PO3AP
1	Contemporary Human Services	WRH3CHS
2	Approved elective subject	
2	Approved Sociology subject	
2	Welfare Practice Field Education Practicum	WRH3FEP

On completing the course of study which would lead to the award of the Bachelor of Arts, students may be eligible for entry into the program for the Bachelor of Arts (Honours). Inquiries about eligibility and potential study programs should be directed to the head of the relevant School in the Faculty of Humanities and Social Sciences.

Programs of the Faculty of Law and Management

The School of Business offers the Bachelor of Business and the Bachelor of Electronic Commerce. Inquiries of a general nature about these courses should be directed to Mrs Fiona Jones (tel: 02 6058 3835). Through the School of Tourism and Hospitality the Faculty offers the Bachelor of Business (Hospitality Management). General information about this course may be obtained from Ms Jan Perry (tel: 02 6058 3850).

Each of these programs is offered at the campus on Parkers Road. Outlines of the courses available, including subjects, follow. To locate details on a specific subject refer to the Index at the back of this Handbook.

BACHELOR OF BUSINESS

Students study modern theories of management and business. Applicants must have completed satisfactorily studies in English and mathematics (any mathematics, including units 1 and 2) of the VCE/ HSC or equivalent. To be eligible for the award of the degree students must complete subjects totalling 360 credit points, normally over three years of full-time study, though part-time options are available. Of the 360 credit points, at least 270 must comprise subjects offered by the School of Business of the Faculty of Law and Management. The course is structured as follows. All subjects are worth 15 credit points.

First year

Sem.		Subject code
1	Financial Accounting 1	WFAC1
1	Management Communications 2	WMC2
1	Management Information systems 1	WMIS1
1	Microeconomic Principles 1	WMIP1
2	Enterprise Management 1	WEM1
2	Introductory Business Statistics 1 WBS1	
2	Macroeconomic Principles 1	WMAP1
2	Management Accounting 1	WMAC1

Second year

1	Enterprise Development 2	WED2
1	Management Information Systems 2	WMIS2
1	Marketing Principles and Practice 2	WMPP2
1	One elective	
2	Legal Studies 1 LCC	WLCC1
2	Human Resource Management 2	WHRM2
	Two electives	

Third year

1	International Business Environment 3	WIBE3
1	Taxation Law and Practice 3	WTLAP3
1	Two electives	
2	Entrepreneurship 3	WENT3
2	Industrial Relations 3	WIR3
2	One elective	

2	Strategic Marketing Management 3	WSMM3
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The following subjects are available as electives.

Second year

1	Business and Personal Financial Planning 2	WBFPF2
1	Global Environment of Tourism 2	WGEOT2
1	Public Relations Concepts and Practice 2	WPRCP2
1	Sales Management 2	WSM2
1	Special Events, Conferences and Meetings 2	WSECM2
2	Banquet and Convention Catering Management 2	WBMC2
2	Marketing Research 2	WMR2
2	Principles of Tourism 2	WPOT2
2	Public Relations Research and Evaluation 2	WPRRS2
2	Total Quality Management in Business 2	WTQM2

Third year

1	Manufacturing Management 3	WMM3
1	Public Relations: Professional Writing 3	WPRPW3
1	Risk and Finance 3	WRF3
1	Services Marketing 3	WSEM3
2	Consumer Behaviour 3	WCB3
2	Eco Tourism 3	WECOT3
2	International Marketing 3	WIM3
2	Management Information Systems 3	WMIS3
2	Public Relations: Issues Management 3	WPRIM3
2	Retail Management 3	WRM3
2	Total Quality Management and Management of Change	WTQMMC3

BACHELOR OF ELECTRONIC COMMERCE

Applicants must have completed satisfactorily studies in English and mathematics (any mathematics, including units 1 and 2) of the VCE/ HSC or equivalent. To be eligible for the award of the degree students must complete subjects totalling 360 credit points, normally over three years of full-time study; though part-time study options are available. At least 270 credit points should be derived from subjects offered by the School of Business. All subjects are worth 15 credit points. The normal sequence of subjects undertaken by students is:

First year

Sem.		Subject code
1	Financial Accounting 1	WFAC1
1	Management Communications 2	WMC2
1	Management Information Systems 1	WMIS1
1	Microeconomic Principles 1	WMIP1
2	Fundamentals of Computing and Electronic Commerce 1	WFCEC1
2	Introductory Business Statistics 1 WBS1	
2	Macroeconomic Principles 1	MAP1
2	Management Accounting 1	WMAC1

Second Year

1	Business and Personal Finance 2	WBPF2
1	Human Resource Management 2	WHRM2
1	Marketing Principles & Practice 2	WMPP2
1	Principles of Electronic Commerce 2	WPEC2
2	Enterprise Management 1	WEM1
2	Legal Studies 1 LCC	WLCC1
2	Management Information Systems 2	WMIS2
2	Marketing Research 2	WMR2

Third Year

1	Electronic Marketing 3	WEMKTG3
1	International Business Environment 3	WIBE3
1	Management and Legal Implications of Electronic Commerce 3	WEMLEC3
1	One elective	
2	Electronic Commerce Project 3	WECP3
2	Managerial Economics 2	WME2
2	Multimedia and the Internet 3	WMMI3
2	One elective	

Electives

The following subjects are available as electives:

Second year

1	Enterprise Development 2	WED2
1	Manufacturing Management 2	WMM2
1	Principles of Tourism 2	WPOT2
1	Public Relations: Concepts and Practice 2	WPRCP2
1	Sales Management 2	WSM2
1	Special Events, Conferences and Meetings 2	WSECM2
2	Banquet and Convention Catering Management 2	WBMC2

2	Global Environment of Tourism 2	WGEOT2
2	Public Relations: research and Evaluation 2	WPPRS2
2	Total Quality Management in Business 2	WTQM2

**Third Year**

1	Public Relations: Professional Writing 3	WPRPW3
1	Risk and Finance 3	WRF3
1	Services Marketing 3	WSEM3
1	Taxation Law and Practice 3	WTLAP3
2	Consumer Behaviour 3	WCB3
2	Ecotourism 3	WECOT3
2	Entrepreneurship 3	WENT3
2	Industrial Relations 3	WIR3
2	International Marketing 3	WIM3
2	Management Information Systems 3	WMIS3
2	Public Relations: Issues Management 3	WPRIM3
2	Retail Management 3	WRM3
2	Strategic Marketing Management 3	WSMM3
2	Total Quality Management and Management of Change 3	WTQMMC3

**BACHELOR OF BUSINESS (HOSPITALITY MANAGEMENT)**

Applicants must have completed satisfactorily the VCE/HSC or equivalent. Prerequisite VCE/HSC studies are English and mathematics (any mathematics, including Units 1 and 2).

A Personal Profile Questionnaire, obtainable from the School of Tourism and Hospitality, must be completed by applicants and returned by 17 November 1999. On the basis of information provided, interviews may be arranged. Completion of this form is an essential requirement. All applicants are required to participate in a course selection process.

Students must complete a course of subjects having a total value of 360 credit points, at least 270 of which must be taken from subjects offered by the School of Tourism and Hospitality and the School of Business. The course is designed to be completed in a minimum of three years of full-time study, although part-time study is possible.

All pass degree subjects offered by the School are worth 15 credit points.

**Course Structure****First year**

Sem.		Subject code
1	Financial Accounting 1	WFAC1
1	Management Communications 2	WMC2
1	Management Information Systems 1	WMIS1
1	Food and Beverage Operations 1A WFFAB01A	
2	Accommodation Management 1	WAM1
2	Enterprise Management 1	WEM1
2	Management Accounting 1	WMAC1
2	Food and Beverage Operations 1B WFFAB01B	

**Second year**

1	Marketing Principles & Practice 2	WMPP2
1	Microeconomic Principles 1	WMIP1
1	Human Resource Management 2	WHRM2
1	Food Services Management 2	WFSM2
2	Legal Studies	1LCC
2	Macroeconomic Principles 1	WMAPI
2	Introductory Business Statistics 1 WBS1	
2	Principles of Tourism 2	WPOT2

**Third year (hotel operations and management strand)**

1	Hospitality and Commercial Law 3 WHCL3	
1	Special Events, Conferences and Meetings 2	WSECM2
1	Two approved electives	
2	Banquet and Convention Catering Management 2	WBCCM2
2	Hospitality Facilities Development and Management 3 2	WFDM3
2	Hotel Operations Management 3	WHOM3
2	One approved electives	

**Electives****Second year**

1	Business and Personal Financial Planning 2	WBFPF2
1	Global Environment of Tourism 2	WGEOT2
1	Sales Management 2	WSM2
2	Marketing Research 2	WMR2

**Third year**

1	Services Marketing 3	WSEM3
2	Consumer Behaviour 3	WCB3
2	Eco Tourism 3	WECOT3
2	International Marketing 3	WIM3

After completing a course of study which would lead to the award of

the relevant Bachelor degree, students may be eligible for entry into an honours degree program. Inquiries about eligibility and potential study programs should be directed to the head of the relevant school in the Faculty of Law and Management.

**Programs of the Faculty of Science, Technology and Engineering**

The Department of Environmental Management and Ecology offers the first year of the courses for the Bachelor of Science in Biological Sciences, and the Bachelor of Viticultural Science. On completing first year studies, students transfer to Bundoora to complete studies for second and third years. Students may be able to satisfy requirements for entry into the Bachelor of Agricultural Science offered at Bundoora by completing relevant first year subjects at Albury/Wodonga. In addition to these first year programs, the full Bachelor of Science in Environmental Management and Ecology and the relevant honours program are offered.

All of these programs are delivered from the campus at Parkers Road. General inquiries about these courses should be directed to Ms Isobel Verecondi (tel: 02 6058 3885).

The School of Psychological Sciences of the Faculty offers subjects leading to the award of the Bachelor of Behavioural Sciences and the corresponding honours degree, as well as general psychology subjects. These programs/subjects are offered from the campus at Parkers Road. General inquiries should be directed to Ms Barbara Thomas (tel: 02 6058 3895).

**BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES****BACHELOR OF VITICULTURAL SCIENCES****BACHELOR OF AGRICULTURAL SCIENCES**

Students interested in completing the first year of these programs at Albury/Wodonga should consult the entries for the relevant programs in the entry for the Faculty of Science, Technology and Engineering elsewhere in this Handbook (see Index) for entry requirements, and details of subjects which should be completed to satisfy entry into the second year of the relevant programs. To locate details on a specific subject refer to the Index at the back of this Handbook.

Subjects from which students may choose the 120 credit points required for completion of the first year of each program (each subject has a value of 15 credit points) are:

**First year**

Sem.		Subject code
1	Animal Diversity, Ecology and Behaviour	WBI11AD
1	Basic Chemistry	WCH11BAS
1	Calculus, Functions and Number Systems	WMA11CFN
1	General Principles of Chemistry	WCH11GEN
1	Organisation and Function of Cells and Organisms	WBI11OF
1	Physical Aspects of the Environment A	WPH11PAA
1	The Dynamic Earth	WGE11DYN
2	Applications of Chemistry	WCH12APL
2	Calculus and Linear Algebra	WMA12CLA
2	Earth Environments and Resources	WGE12ERS
2	Genetics, Human Biology and Evolution	WBI12GEN
2	Physical Aspects of the Environment B	WPH12PAB
2	Plant Science	WBI12PS
2	Statistics for Life Sciences	WST12LS

**BACHELOR OF SCIENCE IN ENVIRONMENTAL MANAGEMENT AND ECOLOGY**

This three year course is designed to provide training in both environmental management and ecology, and is undertaken against the background of the Murray-Darling River Basin. A wide range of environmental and ecological issues is covered, including waste water treatment and disposal, air quality control, population ecology, community ecology, environmental policy and legislation, conservation ecology, forest and agricultural resources, wildlife and fisheries management and soil science. Further study is available at honours level.

Applicants for entry into the Bachelor degree must have a grade average of D in VCE English and in one of chemistry, physics, specialist mathematics or mathematical methods. Applicants who have successfully completed any of the following studies will be deemed to have an ENTER 1.5 percentage points higher for each study: biology, chemistry, mathematical methods, specialist mathematics, and physics.

The pass degree consists of subjects with a value of 120 points at each year level. First-year subjects carry 15 credit points, second-year subjects carry 20 credit points and third-year subjects carry 30 credit points. The dean of the Faculty of Science, Technology and Engineering must approve variations from this course structure.

First year		Subject code
Sem.		
1	Animal Diversity, Ecology and Behaviour	WBI11AD
1	Organisation and Function of Cells and Organisms	WBI11OF
either		
1	General Principles of Chemistry	WCH11GEN
or		
1	Basic Chemistry	WCH11BAS
2	Genetics, Human Biology and Evolution	WBI12GEN
2	Plant Science	WBI12PS
2	Statistics for Life Sciences	WST12LS
plus two of:		
1	Calculus, Functions and Number Systems	WMA11CFN
1	Physical Aspects of the Environment A	WPH11PAA
1	The Dynamic Earth	WGE11DYN
2	Applications of Chemistry	WCH12APL
2	Calculus and Linear Algebra	WMA12CLA
2	Earth Environments and Resources	WGE12ERS
2	Physical Aspects of the Environment B	WPH12PAB
or other approved first-year subjects.		

Second year		
1	Biostatistics	WST21BS
2	Origin and Evolution of Australian Biota	WEM22OEB
plus two of:		
1	Theoretical and Applied Ecology	WEM21TAE
1	Environmental Pollution Control	WEM21EPA
2	Ecological Genetics and Evolutionary Ecology	WEM22EGE
2	Water and Air Quality	WEM22EPB
plus 40 credit points selected from the above or from other approved second-year subjects.		

Third year		
1	Conservation Biology and Environmental Law	WEM32RMB
1	Waste Management and Treatment	WEM31WMA
2	Sustainable Resource Management	WEM31RMA
2	Environmental Assessment	WEM32WMB
plus 60 credit points from the above or other approved third-year subjects.		

Students wishing to enter the honours program should consult the Head of Department to determine early requirements and study programs.

BACHELOR OF BEHAVIOURAL SCIENCE

Inquiries: Psychology Section, Parkers Road  
Tel: (02) 6058 3895

This is a coherent program of study in psychology and other subjects considered central to a broad education in the behavioural sciences. As well as completing a major in psychology, students study other subjects which also relate to the biological and social aspects of behaviour. The course prepares students for further study and professional training in a range of areas of psychology, including clinical and health psychology, and can lead to careers in education, personnel, management and research. Students considering careers in industry or commerce should consider combining their studies in psychology with subjects from the Schools of Business or Tourism and Hospitality. It is important to emphasise that the BBS degree does not qualify a graduate to work as a psychologist. Further education, training and supervised experience is required for registration as a professional psychologist with the Psychologists Registration Board of Victoria and also for membership of the Australian Psychological Society (APS).

Course structure

The course may be taken in three years of full-time study or on a part-time basis. Students intending to study part-time should note that this means enrolling in a lesser workload; there are no evening classes. To complete the pass degree students must complete at least 120 credit points at each year level. Enrolments exceeding 120 credit points in any year will accrue proportionately higher HECS liabilities, while excess credit points completed in any year of the course will not provide credit in the subsequent year. Approval will not be given to undertake more than 140 credit points in any year. Electives, subject to approval, may be chosen from the complete range of subjects offered at the Albury/Wodonga campus. To complete the Bachelor of Behavioural Science students must take the following subjects meeting the requirements defined below:

First year (120 credit points)  
Core subjects (60 credit points)

Sem.	Subject code	Credit point
1	Psychology A	WPS11PYA 15
1&2	Behavioural Neuroscience	WPS10BN 30
2	Psychology B	WPS12PYB 15
or		

any other first year biological science subjects totalling not less than 30 credit points.

Electives (60 credit points)

At least 30 credit points must be chosen from one of the following discipline areas:  
Asian studies, biological sciences, business studies, including business statistics, drama, history, Indonesian/Malay, legal studies, and sociology. The remaining 30 credit points should be selected from further subjects taught at the first year level and in consultation with the Course Advisor.

Second year (120 credit points)

Core subjects (60 credit points)		
1	Psychology 2A <sup>3</sup>	WPS21PYA 20
2	Psychology 2B <sup>3</sup>	WPS22PYB 20

Electives (80 credit points)

Other second-year level subjects for which prerequisite requirements have been met and may include an additional second-year psychology subject (WPS20TOP).

Third year (120 credit points)

Core subjects (60 credit points)	
1&2	Psychology WPS30P

Electives (80 credit points)

Other third-year level subjects for which prerequisite requirements have been met and may include the additional third-year psychology subjects (WPS20TOP or WPS30TOP).

Honours year

Students who perform at a high standard during the three years of the course may be invited to undertake a further year of psychology study in Honours (PSY40HON) which is a prerequisite for most postgraduate courses of study. Following the successful completion of the honours year, these students will graduate with a BBS(Hons). The honours year is presently offered only at the Bundoora campus although students from the Bendigo and Albury/Wodonga campuses may be able to design, with the approval of the Honours coordinator, a program of study that, while requiring some attendance at Bundoora, will not require them to relocate. The subjects offered by the School of Psychology from the campus on Parkers Road are:

First year

(all subjects are worth 15 credit points unless noted)

Sem.		Subject code
A	Behavioural Neuroscience <sup>1</sup>	WPS10BN
1	Psychology A	WPS11PYA
1	Psychology Studies A <sup>2</sup>	WPS11PSA
2	Psychology B	WPS12PYB
2	Psychology Studies B <sup>2</sup>	WPS12PSB

Key: <sup>1</sup>30 credit point subject <sup>2</sup>Not available for students enrolled for the Bachelor of Behavioural Sciences.

Second year

(all subjects are worth 20 credit point)

1	Psychology 2A	WPS21PYA
A	Topics in Psychology	WPS20TOP
1	Theory Building in Psychology	WPS21TBP
2	Bioethics in Psychology and Health	WPS22BPH
2	Psychology 2B	WPS22PYB

Third year

(all subjects are worth 60 credit points unless noted)

A	Applied Psychology	WPS30APP
A	Psychology	WPS30P
A	Topics in Psychology <sup>1</sup>	WPS30TOP

Key: <sup>1</sup>20 credit point subject.

Specific details for the above subjects are available from the entry for the School of Psychology in the section for the Faculty of Science, Technology and Engineering, elsewhere in this Handbook. To locate details on a specific subject refer to the Index at the back of this Handbook.

# BEECHWORTH CAMPUS

## Introduction to the campus

The campus is located at Albert Road, Beechworth, Vic., 3747.

**Inquiries (Administration):** tel: (03) 5720 8000: Fax: (03) 5720 8001

**Campus Information and Convention Centre:** tel: (03) 5720 8020: Fax: (03) 5720 8022

**E-mail:** cicc@latrobe.edu.au

**Internet home page:** <http://www.beechworth.latrobe.edu.au>

In December 1996 La Trobe University purchased the former Mayday Hills hospital in the historic town of Beechworth, North East Victoria, with a view to creating a unique campus of the University. The campus comprises over 100 Ha. and with its heritage gardens and many classified buildings dating back to the 1860s, offers a distinctive educational environment.

The primary focus of the campus is as a professional and personal development centre facilitating conferences and conventions, post-

initial education and short course programs, and residential retreats and activities. Accommodation on-campus is refurbished to standards in line with

the hotel and hospitality industry to cater not only for incoming delegates, but also to offer hands-on experience to students enrolled in Hospitality and Tourism programs.

The International Hotel School, located in the centre of the campus, incorporates all the features of a quality hotel property including a large conference centre, bar, bistro and fine dining room, health club, pool, business centre and quality accommodation.

The fully operational hotel provides real-life experiences for students studying hotel operations, accommodation management and a range of associated subjects, while assisting practical skill development in food and beverage studies. It is intended to integrate the Hotel School offerings into the international exchange and partnership programs that La Trobe University has with universities in Asia, America and Europe.

In alliance with the Beechworth Arts Council, the University has established an Arts Precinct on campus utilising the workshop and exhibition space in and around the historic Bijou Theatre. The Arts Precinct features exhibitions, workshops, artists in residence and festival activities.

Details of all campus activities can be obtained from the *Campus Information and Convention Centre*, which is open seven days, and is conveniently located at the Albert Road entrance.

# MILDURA CAMPUS

## Introduction to the campus

The Mildura Campus is located at Benetook Avenue, three kilometres from the city centre and is serviced by public transport.

**Course inquiries:** (03) 5022 3721

## Student services

Student services include counselling, disability support, a Koori support unit, accommodation services, careers counselling, financial aid advice, study skills support and community health services.

## Campus facilities

Facilities include extensive grounds, auditorium, laboratories, library, on site residential accommodation, bookshop, sporting facilities, food outlets, childcare and free car parking.

Facilities for fine art include extensive painting, print making, sculpture, drawing and photographic/multimedia studios associated with darkrooms for black and white and colour production. There is access to studios during weekday evenings, at weekends and during semester breaks. Facilities for graphic design include separate studios for each year of the course and several darkrooms for black and white and colour photography.

Copy camera facilities are located in separate darkrooms. Computer graphics are generated through networked Apple Macintosh computers, a flat-bed scanner, laser printer and multimedia video instrument with full editing suite. Students also have access to silk screen, and other printing facilities.

## Admission requirements

Students should satisfy the normal University entrance requirements. In general, a Year-12 certificate (or equivalent) gained by accumulation will not be recognised.

## BACHELOR OF ARTS

All three years of this course are available at the Mildura campus. Students wishing to undertake majors not available at the Mildura campus can complete the first year here and then transfer to any other campus to complete the degree.

## Admission requirements

Students should satisfy the normal University entrance requirements, including a study score of at least 20 in Units 3 and 4 of VCE English. In general, a Year-12 certificate (or equivalent) gained by accumulation will not be recognised.

## Degree requirements

The Bachelor of Arts is a three-year, full-time course requiring completion of 20 semester length subjects. Normally, eight are taken during the first year of study, six in the second year and six in the final year. Part time study is also possible, taking four subjects or fewer per annum. In the first year students must:

- have no more than eight subjects at the 100 level and;
- structure their degrees so that 12 of these subjects are from two majors (2 by 6) and four from a sub-major.

Normally, all subjects from the BA are taken from the list of accredited majors, but at least one major and one sub-major must be from that list. At least 12 of the 20 subjects must be from the list of accredited majors.

The remaining four subjects outside of the 16 noted in the chart below can be taken in a number of ways.

Discipline	First major	Second major	Sub-major	Other
100	2	2	2	A
200	2	2	2	E
300	2	2	B	
	C	D		

take two additional 100-level subjects (A) and augment one major (C),  
or extend the sub-major to a major (B);  
or extend the fourth discipline to a second sub-major (E);  
or augment both majors (C, D);

or augment one major (C) and extend the sub-major to a major (B). A major consists of a minimum sequence of six semester subjects (or equivalent) in one discipline, with at least two subjects at the 300 level in the third year.

A sub-major consists of a minimum of four semester subjects (or equivalent) in one discipline, with at least two subjects at 200 and/or 300 levels.

An augmented major consists of a minimum sequence of eight semester subjects (or equivalent) in one discipline with at least four subjects at the 300 level.

Students wishing to augment one of their majors may normally do so by taking additional subjects in one or both of their majors. Augmenting subjects are offered (subject to approval) by the discipline concerned but, relevant subjects from other disciplines may be utilised and credited as part of the major.

Subjects in area studies such as applied Social Research, Asia-Pacific Development Studies and Women's Studies can be taken as majors and sub-majors, but are normally begun only after successful completion of a first-year program.

Normally two, 200-level subjects and two or four, 300-level subjects would enable completion of a sub-major or major, respectively, in such an area study. Australian Studies, studies in Western Traditions and Environmental Science begin at the 100-level.

Students studying a subject that is multi-discipline or trans-discipline in nature (ie, a subject that counts towards the completion of more than one major or sub-major), must nominate their preferred discipline or area study when enrolling.

Where a subject is to be second counted but insufficient units are available for completion of a major or sub-major, students must consult with the relevant discipline or area study heads to determine a substitute. The head of school shall decide matters if there is a disagreement between the relevant heads of discipline or area study.

## Course structure

*Offered subject to enrolment numbers and availability of staff. Some electives may not be available in 2000. Contact campus administration to confirm availability.*

Students can construct their courses from the following list of disciplines and study areas. Students must begin at least one major and one sub-major from the following (ie, at least four subjects out of eight):

## Environmental studies

This is an umbrella label used to encompass the related disciplines of geography and environmental science. Students wishing to study within environmental studies, or in geography or environmental science as separate sequences, should read the additional material available from the Campus office.

## Australian studies

Australian studies subjects can form the core of a BA around which other disciplines such as economics, geography, history, politics or sociology and cultural studies might be grouped.

## Studies in Western traditions

An arts degree can be constructed around the studies in Western traditions sequence, which focuses on Greek mythology, the New Testament, Medieval and Renaissance Europe, the Enlightenment and Romantic reactions and modernism. Students taking this sequence are encouraged to also major in at least one of history, philosophy and religious studies and literature. Elective subjects are available in Classical Latin, Classical Greek and English language.

## Advanced area studies

The BA program can be structured around a major focused on Applied Social Research, Women's Studies or Development Studies. These normally begin at the second year, but can be planned for from the first year. Applied Social Research, is a new study sequence around which any number of disciplines can be grouped.

## First-year program (100 level)

Students must begin at least one major and one sub-major from the following (ie, at least four subjects out of eight). (All subjects are worth 15 credit points)

## Australian Studies

Sem.		Subject code
1	Introduction to Sociology and Cultural Studies 101	BSAU101
2	Australian Political Institutions	8PAU1AP1

## History

1	Revolutionary Europe	BH1REV
2	Transition to Globalism	BH1TRANS

## Politics

1	Political Ideas & Relationships	BPR1PIR
2	Australian Political Institutions	8PAU1AP1

**Psychology**

1	Introduction to Psychology 101	BPY101
2	Introduction to Psychology 102	BPY102

**Sociology and cultural studies**

1	Introduction to Sociology and Cultural Studies 101	BSAU101
2	Introduction to Sociology and Cultural Studies 102	BS102

Further broadening majors and sub-major areas of study are possible from Bachelor of Business course also at Mildura Campus.

**One major in accounting.**

One sub-major in business law. See the list of subjects for Bachelor of Business. Second and third-year programs (200- 300 levels).

**Subject descriptions**

Refer to the Index at the back of this Handbook

**BACHELOR OF TEACHING**

Only the first year is available at Mildura. Students can complete the first year here and then transfer to any other campus to complete the degree.

The Bachelor of Teaching partly satisfies the pre-service training requirements for employment in Victorian schools. The current Department of Education requirement is for four years of pre-service training.

**Professional recognition**

When combined with the six-unit Bachelor of Education, the course is recognised by the Department of Education and the Registered Schools Board in Victoria, for certification, incremental advancement and in principle, for study leave purposes within government and non-government primary schools. It is recognised in all other Australian states for primary teaching registration.

When combined with an appropriate Bachelor of Education, or other recognised fourth year of study, it will allow students to gain dual registration, meeting the requirements of the Department of Education in Victoria, and the Standards Council of the Teaching Profession (SCTP) for primary and secondary school teaching.

**Admission requirements**

Applicants must satisfy the University's normal entrance requirements, including a study score of at least 20 in Units 3 and 4 of VCE English. Applicants with at least a study score of at least 20 in a LOTE will have their TER adjusted accordingly. A special entry provision exists for Aboriginal applicants, subject to an interview, counselling and assessment processes, to establish a candidate's potential for success in the course. Applications should be made in the first instance to the coordinator of the Aboriginal Tertiary Support Unit at the Bendigo campus.

**Course structure**

At each year-level students will undertake eight semester subjects from the following groups:

- Studies in Learning and Teaching (compulsory at each year level).
- Studies in Curriculum (compulsory at each year level).

**Discipline Studies**

These may be chosen from the subjects listed below or offerings from other Schools. Subjects are offered according to student numbers and staff availability. To obtain both primary and secondary recognition, students must complete at least the equivalent of two sub-majors in Discipline Studies (ie. two sequences of four semester subjects).

Students are encouraged to develop at least one sequence into a full major (ie. six semester subjects).

Students will undertake a practical experience program, which is an integral part of Studies in Learning and Teaching and Studies in Curriculum. For purposes of HECS, the course is valued at 120 credit points per year.

**First year** (All subjects are worth 15 credit points)

**Studies in learning and teaching**

Sem.	Subject code
1	Theories of Learning BES1TL
2	Introduction to Teaching BES1TCH

**Studies in curriculum**

A	Literacy Education A BEE1LEA
A	Mathematics Education A BMA1

**Discipline studies**

1	Drawing 1 BVD1D1
1	Genres in Children's Literature BEE1GCL
1	History of Mathematics BMA1HM
1	Leisure Studies BPE1LS
1	Political Ideas and Relationships BPR1PIR
2	Introductory Anatomy BPE1IA
2	History of Children's Literature 1 BEE1HCL1

2	Introduction to Sociology 102	BS102
2	Painting 100	BFA8PE1
2	Science, Technology and Society	BSE1STS

**Subject descriptions**

Refer to the Index at the back of this Handbook

**BACHELOR OF VISUAL ARTS**

All three years of this course are available at Mildura, with major studies in Painting, Printmaking, Photography and Sculpture. The course develops students perceptual, conceptual and research skills in the areas of painting, drawing, ceramics, photography, printmaking and multimedia

**Admission requirements**

The normal pre-requisite is the successful completion of an approved Year 12 course of study with at least a study score of at least 20 in units 3 and 4 of VCE English, or equivalent. It is desirable for VCE applicants to have undertaken studio arts and/or art.

Successful completion of the first year of a TAFE, Diploma/Advanced Certificate in Art, or a Diploma of Arts, or other approved qualification will qualify the holder for entry to the degree course at a level determined by the selection committee. The selection committee will consider mature age students for admission.

All applicants must undertake a pre-selection interview, which is usually conducted during the first week of December. Weighting of selection criteria: Interview 40%, Folio 60%.

**Folio requirements**

The applicant must present a folio of artwork, which must be his/her own work, accompanied by a declaration confirming the bona fide's of the work presented. The overall folio should be representative of the applicant's abilities. The folio should demonstrate the applicant's individual aptitude and responses to creativity and good design. The folio should demonstrate a wide range of art and media experiences. It is desirable that the folio should contain a major portion of work relevant to the course choice. Support material such as sketchbooks, art notebooks and/or journals should be submitted. Photographic evidence of art works may be considered when the original is unavailable due to size or other commitments.

**Academic performance**

The applicant's performance throughout secondary education is considered and academic records and references should be provided. Other factors such as the tertiary entrance rank may be taken into consideration.

**Course structure**

The course is undertaken by full-time study over three years or by part-time study after consultation with the selection committee. For the purposes of HECS this course is valued at 120 credit points per year.

**Facilities available**

Facilities for fine art include extensive painting, print making, sculpture, drawing and photographic/multimedia studios associated with darkrooms for black and white and colour production. There is access to studios during weekday evenings, at weekends and during semester breaks.

An examination panel will assess studio subjects at the following times:

- First year: – mid year and year-end.
- Second year: – mid year and year-end.
- Third year: – mid year and year-end.

The examination panels for third year will comprise fine art staff responsible for third year studies and an external authority.

**Course structure**

**First year subjects** (All subjects are worth 15 credit points)

Sem.	Subject code
1	Art & Visual Culture 1 BVA1C1
1	Photo Print Media Workshop 1 BVA1PPW1
1	2D & 3D Media Workshop 1 BVA123W1
and	
1	Photo Print Media Theory 1 BVA1PPT1
or	
1	2D & 3D Studio Theory 1 BVA123T1
and	
2	Art & Visual Culture 2 BVA1C2
2	Photo Print Media Workshop 2 BVA1PPW2
2	2D & 3D Media Workshop 2 BVA123W2
and either	
2	Photo Print Media Theory 2 BVA1PPT2
or	



Mildura Campus

2	2D & 3D Studio Theory 2	BVA123T2
<b>Second year</b>		
1	Art & Visual Culture 3	BVA2C3
<b>and either</b>		
1	Photo Print Media Theory 3	BVA2PPT3
1	Photo Print Media Workshop 3	BVA2PPW3
<b>or</b>		
1	2D & 3D Media Workshop 3	BVA223W3
1	2D & 3D Studio Theory 3	BVA223T3
One Elective from the list		
<b>and</b>		
2	Art & Visual Culture 4	BVA2C4
<b>and either</b>		
2	Photo Print Media Workshop 4	BVA2PPW4
2	Photo Print Media Theory 4	BVA2PPT4
<b>or</b>		
2	2D & 3D Media Workshop 4	BVA223W4
2	2D & 3D Studio Theory 4	BVA223T4
2	One elective	
<b>Third year</b>		
1	Art & Visual Culture 5	BVA3C5
1	Professional Studies A	BVA3PSA
<b>and either</b>		
1	Photo Print Media Theory 5	BVA3PPT5
1	Photo Print Media Workshop 5	BVA3PPW5
<b>or</b>		
1	2D & 3D Media Workshop 5	BVA323W5
1	2D & 3D Studio Theory 5	BVA323T5
<b>and</b>		
2	Art & Visual Culture 6	BVA3C6
2	Professional Studies B	BVA3PSB
<b>and either</b>		
2	Photo Print Media Theory 6	BVA3PPT6
2	Photo Print Media Workshop 6	BVA3PPW6
<b>or</b>		
2	2D & 3D Studio Theory 6	BVA323T6
2	2D & 3D Media Workshop 6	BVA323W6
<b>Electives:</b>		
1	Ceramics 100	BCE1E1
1	Drawing 1	BVD1D1
1	Painting 100	BFA8PE1
1	Photography 100	BFA1PE1
1	Printmaking 100	BFA8PM1E
2	Drawing 2	BVD1D2
2	Ceramics 200	BCE1E2
2	Painting 200	BFA8PE2
2	Photography 200	BFA1PE2
2	Printmaking 200	BFA8PM2E
1/2	Multimedia 1	BFA1MM1
1/2	Multimedia 2	BFA1MM2

Subject descriptions

Refer to the Index at the back of this Handbook

BACHELOR OF VISUAL ARTS (GRAPHIC DESIGN)

Only the first and second years of the graphic design major are ordinarily available at Mildura. It is expected that in 2000, the third year will be offered on a trial basis. Advice should be sought from the head of campus. This course equips students with the creative and technical skills necessary for employment as a graphic designer, and involves three years of full-time study.

Admission requirements

The normal pre-requisite is the successful completion of an approved Year 12 course of study with at least a study score of at least 20 in units 3 and 4 of VCE English, or equivalent. It is desirable for VCE applicants to have undertaken studio arts and/or art. Successful completion of the first year of a TAFE, Diploma/Advanced Certificate in Art, or a Diploma of Arts, or other approved qualification will qualify the holder for entry to the degree course at a level determined by the selection committee. The selection committee will consider mature age students for admission. All applicants must undertake a pre-selection interview, which is usually conducted during the first week of December. Weighting of selection criteria: Interview 40%, Folio 60%.

Folio requirements

As for Bachelor of Visual Arts.

Course structure

The course is undertaken by full-time study over three years or by part-time study after consultation with the selection committee. Prospective students should check course details with the course coordinator prior to enrolment. For the purposes of HECS this course is valued at 120 credit points per year.

Facilities available

Facilities include separate studios for each year of the course and several darkrooms for black and white and colour photography. Copy camera facilities are located in separate darkrooms. Computer graphics are generated through networked Apple Macintosh computers, a flatbed scanner, laser printer and multi-media video instrument with full editing suite. Students also have access to silk screen, and other printing facilities.

Course structure

First year (All subjects are worth 15 credit points)

Sem.	Subject code
1 Applied Design 1	BVA1AD1
1 Design Studies 1	BVA1D1
1 Art & Visual Culture 1	BVA1C1

and either

1 Photo Print Media Workshop 1	BVA1PPW1
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or

1 2D & 3D Media Workshop 1	BVA123W1
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and

2 Applied Design 2	BVA1AD2
2 Art & Visual Culture 2	BVA1C2
2 Design Studies 2	BVA1D2

and either

1 Photo Print Media Workshop 2	BVA1PPW2
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or

1 2D & 3D Media Workshop 2	BVA123W1
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Second year

1 Applied Design 3	BVA2AD3
1 Art & Visual Culture 3	BVA2C3
1 Design Studies 3	BVA2D3
1 One elective	
2 Applied Design 4	BVA2AD4
2 Art & Visual Culture 4	BVA2C4
2 Design Studies 4	BVA2D4
2 One elective	

Third year

1 Applied Design 5	BVA2AD5
1 Art & Visual Culture 5	BVA2C5
1 Design Studies 5	BVA2D5
1 Professional Studies A	BVA3PSA
2 Applied Design 6	BVA2AD6
2 Art & Visual Culture 6	BVA2C6
2 Design Studies 6	BVA2D6
2 Professional Studies B	BVA3PSB

Subject descriptions

Refer to the Index at the back of this Handbook

BACHELOR OF BUSINESS

Accounting is the only major available. Students who want to pursue a different major stream can, after the successful completion of first year, transfer to another campus to continue the course. The course equips students with skills and attributes which may lead to a wide range of business, professional and government employment in Australia and overseas.

Professional recognition

It is expected that successful completion of this program will admit graduates as members of the Australian Society of Certified Practising Accountants.

Admission requirements

Applicants must satisfy the University's normal entrance requirements, including a study score of at least 20 in units 3 and 4 of VCE English.

Course structure

The course consists of 24 semester subjects, undertaken by full-time study over three years, or the part-time equivalent. For HECS purposes the course is valued at 120 credit points each year.

First year

Sem.	Subject code
1 Business Law 1	BLAWBL1
1 Information Technology	BITITE
1 Introduction to Business	BACCIB

1	Microeconomics 1	BECOM1
2	Business Law 2	BLAWBL2
2	Business Systems	BITBUS
2	Introductory Accounting	BACCIA
2	Macroeconomics 1	BECOMA1

**Second year**

1	Company Law	BLAWCL
1	Costing and Costing Systems	BACCCS
1	Organisational Behaviour	BMGT0B
1	Statistical Methods	BMATHSTM
2	Corporate Accounting	BACCCA
2	Decision Making	BACCDM2
2	Forecasting <sup>1</sup>	BMATHFOR
2	One elective	

**Third year**

1	Auditing	BACCAU
1	Taxation	BLAWT
1	Two electives	
2	Business Finance <sup>1</sup>	BACCBF
2	Financial Accounting	BACCFB
2	Two electives	

**Key:** <sup>1</sup> Students who do not wish to gain professional recognition should consult with the course coordinator as the compulsory subjects may change.

*Students should note that electives can be chosen from any undergraduate subjects offered. Some electives may not be offered due to the availability of staff and other resources. Note that Shepparton subject names may vary.*

**Subject descriptions**

*Refer to the Index at the back of this Handbook*

**BACHELOR OF SCIENCE**

*Only the first year of the Bachelor of Science is available at the Mildura Campus. Students may transfer to appropriate courses offered at any other campus after successfully completing first year.*

This program provides students with the flexibility to combine studies in their chosen areas of science (subject to satisfying the relevant prerequisites) or to follow one of the specialist streams offered. Areas of study available are:

- agricultural science
- biology (biochemistry, botany, genetics, microbiology, zoology)
- chemistry
- geology
- mathematics (applied and pure)
- physics

After a broad first year of study, students may take major studies in any of these areas through to third year.

Students may progress to:

Bundoora Campus:- Bachelor of Agricultural Science, Bachelor of Environmental Science, Bachelor of Science (Animal Science), Bachelor of Science (Biological Sciences), Bachelor of Science (Biotechnology and Cell Biology), Bachelor of Science (Chemical Sciences), Bachelor of Science (Conservation Biology and Ecology), Bachelor of Science (Earth Sciences).

Albury/Wodonga campus:- Bachelor of Science (Environmental Management and Ecology).

Bendigo campus:- Bachelor of Applied Science.

**Course structure**

Students must complete subjects to the value of 360 credit points, normally 120 credit points at each of first, second and third-year levels, up to 110 credit points of which may be taken outside the Faculty.

**First year**

Students take first-year subjects to the value of 30 credit points in each of three different areas from the above list of areas, with the remaining 30 credit points being selected from first-year subjects offered on the Mildura campus, or by other faculties of the University.

This is subject to the proviso that no more than 15 of these 30 credit points may be chosen from those areas already selected.

With the exception of Principles of Physics, which is worth 30 CPs, all subjects are valued at 15 CPs. First year subjects available at the Mildura campus subject to sufficient numbers enrolled are:

Sem.		Subject code
1	Animal Diversity, Ecology and Behaviour	BIO 11AD
1	Calculus, Functions and Number Systems	MAT 11CFN
1	General Principles of Chemistry	CHE 11GEN
1	Organisation and Function of Cells and Organisms	BIO 11OF
1	The Dynamic Earth	GEO 11DYN
2	Applications of Chemistry	CHE 12APL
2	Calculus and Linear Algebra	MAT 12CLA
2	Earth Environments and Resources	GEO 12ERS
2	Genetics, Human Biology and Evolution	BIO 12GEN
2	Plant Science	BIO 12PS
2	Statistics for Life Sciences	STA12LS

**Subject descriptions**

*Refer to the Index at the back of this Handbook*

**BACHELOR VITICULTURAL SCIENCE**

*Only the first year of this course is offered at Mildura*

This course is designed to provide profession scientific training for grape growth and wine production, practical experience in vine propagation, grape production, irrigation and trellising, pest control and basic wine making techniques; experience throughout the major wine growing regions of Victoria.

**Course Structure**

*Only the first year is available at Mildura. Students who successfully complete first year must transfer to Bundoora for the second and third years.*

The course requires three years of full time study or the part time equivalent. The first year of the course covers the basic sciences as well as vine production, propagation and establishment, and vineyard cultivation and maintenance.

The focus of the course is on problem solving and ensuring students work on real issues in viticultural science. The course structure is summarised below. Elective subjects will normally be chosen from those listed, but permission to take alternative electives may be given by the course coordinator prior to the commencement of the academic year.

**Work Experience**

A work experience component is required at each year level, and this experience must be spread throughout the major wine growing regions of Victoria.

**First Year (120 credit points)**

All subjects are worth 15 CPs. First year subjects available at the Mildura campus subject to sufficient numbers enrolled are:

Sem.		Subject code
1	Agriculture in the Australian Economy	AGR11AAE
1	Basic Chemistry	CHE11BAS
1	General Principles of Chemistry	CHE11GEN
1	Organisations & functions of Cells & Organisms	BIO11OF
1	Vineyard Cultivation & Maintenance	AGR12VCM
2	Applications of Chemistry	CHE12APL
2	Plant Science	BIO12PS
2	Statistics for Life Science	STA12LS
2	Vine production, propagation & establishment	AGR11VPE
A	Viticultural Practice 1	AGR10VPR

**Subject descriptions**

*Refer to the Index at the back of this Handbook*

**BACHELOR OF SOCIAL WORK**

*The course is offered part-time at the Mildura campus, subject to demand. There will be no new intake in 2000.*

# Mt Buller Campus

### Introduction to the campus

The campus is located at New Summit Road, Mt Buller, Vic., 3723.  
Tel. (03) 5733 7000.

**Course inquiries:** (03) 9479 3770,  
**E-mail:** alpine@latrobe.edu.au

The first year of the Bachelor of Business (Tourism and Hospitality) and the third year Resort Management specialisation of this degree are offered at Mt Buller.

The campus is residential, with its semesters designed to take advantage of the ski season, thereby providing students with the opportunity to study, work, and live in a tourism/hospitality setting and integrating all aspects of their chosen vocation. The campus is the centre of community life and provides facilities for public use, which enhance the alpine experience for resort visitors. The auditorium is the local picture theatre, meeting hall and conference facility. During winter the international standard gymnasium is used by national ski teams and the public alike, while the sports stadium, with its climbing walls, tennis courts, inline skates and currolling, provides diversity of activity for both students and the public. Mt Buller is a unique campus, in a unique setting.

**BACHELOR OF BUSINESS (TOURISM AND HOSPITALITY)**  
*Students can only complete the first year of the Bachelor of Business*

*(Tourism and Hospitality) on the Mt Buller campus. Students can then transfer to any other campus to complete the degree.*  
The semesters at Mt Buller are designed to take advantage of the ski season and are scheduled from late February to mid-June for semester one, and from late September to early December for semester two. Students undertake five subjects in semester one and three in semester two. All subjects have a 15 credit point value.

### First year Sem.

1	Accommodation Management Operations
1	Accommodation Management Supervision 1
1	Financial Accounting 1B
1	Food and Beverage Services 1A
1	Food and Beverage Services 1B
2	Accounting and Management for Small Business
2	Introduction to Tourism and Hospitality Studies 1
2	Management Communications 1

### Subject Codes

ACMO1
ACMS1
FAC1B
FBS1A
FBS1B
AMSB1
ITHS1
MANC1A

### Subject descriptions

*Refer to the Index at the back of this Handbook*

### RESORT MANAGEMENT

The following subjects (15CPs each) in Resort Management are taught only at the Mt Buller campus. This program will normally be available to third year students in second semester.

- Resort Management
- Ecotourism
- Facilities, Planning and Design
- Outdoor Recreation
- Management of Nature Tourism Operations

# SHEPPARTON CAMPUS

## Introduction to the campus

The campus is co-located with the Goulburn Ovens Institute of TAFE on Fryers Street Shepparton. Shepparton is serviced by rail and coach services from Melbourne.

**Course inquiries:** (03) 5833 2517 or Freecall 1800 065 721

(1st Floor, McLean Building)

## Courses available

Academic units at the Shepparton campus are members of the University's faculties and further details of the courses offered can be found in the faculty entries elsewhere in this *Handbook*.

## Student services

**Inquiries:** tel: (03) 5833 2589

Assistance is available in areas such as research and study skills, counselling, careers advice, financial aid and accommodation. Study skills workshops, a key part of support services at the campus, are conducted at the commencement of the academic year and thereafter according to demand. Assistance with reader education and information retrieval skills is provided by the library. A list of local private accommodation is available and includes private board, flats, units, shared houses and hostel type accommodation. Support for students of Aboriginal and Torres Strait Islander background is provided through the Aboriginal Tutorial Assistance Scheme and Aboriginal Liaison Officer.

## Campus facilities

The campus is equipped with a modern computer laboratory with a range of software including office applications and statistical software, access to electronic mail and the internet. The library houses a variety of printed and electronic educational resources, including books, journals, databases and multimedia materials; it also provides access to on-line library catalogues at other campuses and universities. A bookshop is located next to the library. Metered parking is available in the immediate vicinity of the campus and unrestricted free parking two blocks away. Local public transport is also available.

## Students Association

An active Students Association organises a range of social, recreational and educational activities throughout the year.

## School of Arts and Education

**Inquiries:** tel: (03) 5833 2517

## BACHELOR OF ARTS

- under review; course details to be provided by Faculty/School

## School of Business

**Inquiries:** tel: (03) 5833 2517

## BACHELOR OF BUSINESS

### Admission requirements

Entry prerequisites are a minimum D-grade average in Units 3 and 4 of English and Units 1 and 2 of General Mathematics or Mathematical Methods. Particular attention will be given to the applicant's performance in prerequisite studies. A limited number of students may be admitted under the Alternative Category Entry Scheme. Applicants without the appropriate maths background should contact campus administration.

### Degree requirements

Students must complete a course of subjects accumulating a minimum total of 360 credit points, at least 270 of which must be subjects offered in the School of Business. The course is designed to be completed within three years of full-time study, although part-time study is possible.

### Course structure

Students must pass the compulsory subjects listed below, all of which have a 15 credit point value.

#### First year

Sem.	Subject code
1	Accounting for Management Decisions AFD1
1	Foundations of Management FOM1
1	Introductory Microeconomics IMI1
1	Management Information Systems 1 MIS1
2	Business and Economic Statistics BAES1
2	Introductory Macroeconomics IMA1
2	Law of Commercial Contract L1LCC

2	Marketing Principles and Practice MPAP2
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#### Second year

1	Business Communications BC02
1	Human Resource Management 2 HRM2
1	Management Accounting A MA2A
1	Organisational Behaviour OBE2
2	Business Finance BF2
2	Management Science MSC2
2	Managerial Economics MANEC2
2	One elective

#### Third year

1	International Business Environment IBE3
1	Three electives
2	Four electives

#### Electives

##### Marketing major

1	Marketing Communications MC03
1	Services Marketing SMA3
2	Consumer Behaviour CBE2
2	Marketing Research 3 MRE3
2	Strategic Marketing Management SMM3

##### Professional recognition

Students who complete all of the subjects in the marketing major (and Marketing Principles and Practice within the core of the degree) are eligible for full membership of the Australian Marketing Institute.

##### Accounting major

The following electives form a major when taken in conjunction with the core subjects Accounting for Management Decisions and Management Accounting A.

1	Financial Accounting 2 FA2
2	Financial Accounting 1 FA1
2	Financial Accounting 3 FA3
2	Management Accounting B MA2B

*The accounting major does not provide a professional accounting qualification. Students who wish to gain a professional accounting qualification must enrol in the Bachelor of Commerce and complete all of the subjects specified in that program.*

##### Human Resource Management major

The following electives form a major when taken in conjunction with the core subjects Human Resource Management 2 and Organisational Behaviour.

1	Industrial Relations IRE3
2	Human Resource Management 3 HRM3
2	International Human Resource Management IHRM3

## BACHELOR OF BUSINESS (ENTERPRISE DEVELOPMENT)

This course has been discontinued at Shepparton and no new enrolments will be accepted. Current students may complete the course at Shepparton by taking the subjects listed below, or transfer to the Bachelor of Business offered by the School of Business at Shepparton. Contact campus administration for further information.

#### First year

Sem.	Subject code
1	Accounting for Management Decisions AFD1
1	Foundations of Management FOM1
1	Introductory Microeconomics IMI1
1	Management Information Systems 1 MIS1
2	Introductory Macroeconomics IMA1
2	Law of Commercial Contract L1LCC
2	Marketing Principles and Practice MPAP2
2	One elective

#### Second year

1	Business Communications BC02
1	Human Resource Management 2 HRM2
1	Organisational Behaviour OBE2
1	Management Accounting A MA2A
2	Business and Economic Statistics BAES1
2	Managerial Economics MANEC2
2	Two electives

#### Third year

1	International Business Environment IBE3
1	Taxation TAX3
1	Industrial Relations IRE3
1	One elective
2	Entrepreneurship WENT3
2	Strategic Marketing Management SMM3
2	Two electives

BACHELOR OF COMMERCE

Admission requirements

Prerequisites are a minimum D-grade average in units 3 and 4 of English and Mathematics (any). A limited number of students may be admitted under the Alternative Category Entry Scheme. Applicants without the appropriate maths background should contact Campus Administration.

Degree requirements

Students must complete a course of subjects accumulating a minimum of 360 credit points, at least 270 of which must be subjects offered by the School of Business. The course is designed to be completed within a minimum of three years of full-time study, although part-time study is possible. Students may not take a second or third-year subjects unless they have either completed their first year, or have completed four first-year subjects and are concurrently completing the remainder.

Course structure

Students must pass the compulsory subjects listed below, all of which have a 15 credit point value.

First year subjects

Sem.		Subject code
1	Accounting for Management Decisions	AFD1
1	Foundations of Management	FOM1
1	Introductory Microeconomics	IMI1
1	Management Information Systems 1	MIS1
2	Business and Economic Statistics	BAES1
2	Financial Accounting 1	FA1
2	Introductory Macroeconomics	IMA1
2	Law of Commercial Contract	L1LCC

Second year

1	Business Communications	BCO2
1	Financial Accounting 2	FA2
1	Management Accounting A	MA2A
1	One elective	
2	Law of Business Association	L1LBA
2	Management Accounting B	MA2B
2	Managerial Economics	MANEC2
2	One elective	

Third year

1	Corporate Finance	CFI3
1	Taxation	TAX3
1	Two electives	
2	Auditing	AUD3
2	Financial Accounting 3	FA3
2	Two electives	

Professional recognition

On completion of the above sequence of subjects, students may become eligible for membership of the Australian Society of Certified Practising Accountants (ASCPA) or the Institute of Chartered Accountants in Australia (ICAA).

School of Management, Technology and Environment

Inquiries: tel: (03) 5833 2517

BACHELOR OF BUSINESS

This course has been discontinued and replaced by the Bachelor of Commerce. No new enrolments will be accepted. Current students may complete this course at Shepparton by taking equivalent subjects from the Bachelor of Commerce at Shepparton, or transfer to the Bachelor of Commerce at Shepparton. Contact campus administration for further information.

School of Tourism and Hospitality

Inquiries: tel (03) 5833 2517

BACHELOR OF BUSINESS (TOURISM AND HOSPITALITY)

Admission requirements

There are no specific VCE prerequisite subjects for admission to this course.

Degree requirements

Students must complete a course of subjects accumulating a minimum of 360 credit points. All core subjects are worth 15 credit points each. The course comprises 15 core subjects, two streams of three semester-length subjects and three open electives.

The course is designed to be completed in three years of full-time study, although part-time study is possible. A full-time enrolment comprises 24 subjects taken over three years. Students are required to purchase some equipment, including a chef and a waiter's uniform as part of the TAFE component.

In 1999, the approximate cost of these materials was \$300.

Course structure

This course prepares people for employment in the tourism and hospitality industries, and aims to produce leaders, managers and entrepreneurs in these fields. Students are provided with a range of opportunities to develop both strong practical skills and theoretical knowledge covering all aspects of the tourism and hospitality industries and related businesses. The hospitality component of the course is taught in association with the Goulburn Ovens Institute of TAFE, and incorporates the national curriculum for the Diploma of Hospitality. Students may become eligible for this award after completing the first two years of the program.

The Bachelor of Business (Tourism and Hospitality) at Bundoora, Mt Buller and Shepparton, and the Bachelor of Business (Hospitality Management) at Albury/Wodonga have a common first and second year course structure. In the third year of the program, specialisations are offered at each campus. This allows students the flexibility of moving between campuses. The third year specialisation at Shepparton campus is Rural Tourism. Third year students at Shepparton also undertake a semester of study in Resort Management at the Mt. Buller campus.

First year subjects

Sem.		Subject code
1	Accommodation Management Operations	ACMO1
1	Accounting for Management Decisions	AFD1
1	Business Communications	BCO2
1	Food and Beverage Services 1B	FBS1B
2	Accommodation Management Supervision 1	ACMS1
2	Food and Beverage Services 1A	FBS1A
2	Introduction to Tourism and Hospitality Studies 1	ITHS1
2	Introductory Macroeconomics	IMA1

Second year

1	Computer Reservation Systems	CRS2
1	Human Resource Management 2	HRM2
1	Introductory Microeconomics	IMI1
1	Management Accounting A	MA2A
2	Hospitality Operations Management 2	HOM2
2	Marketing Principles and Practice 2	MPAP2
2	Tourism and Hospitality Law 2	THL2
2	Tourism Policy and Planning	TPP2

Third year

Rural tourism stream

1	Festival and Event Tourism 3	SFET3
1	Indigenous Tourism 3	IT3
1	Rural Tourism 3	SRT3
1	Services Marketing 3	SMA3

Rural tourism stream (Mt Buller)

2	Hospitality Facilities Development and Management	WFDM3
2	Resort Management	RM3
2	Two electives	

For second semester, students study at the Mt Buller Campus, or by other arrangements approved by the School.

Subject descriptions

Refer to the Index at the back of this Handbook

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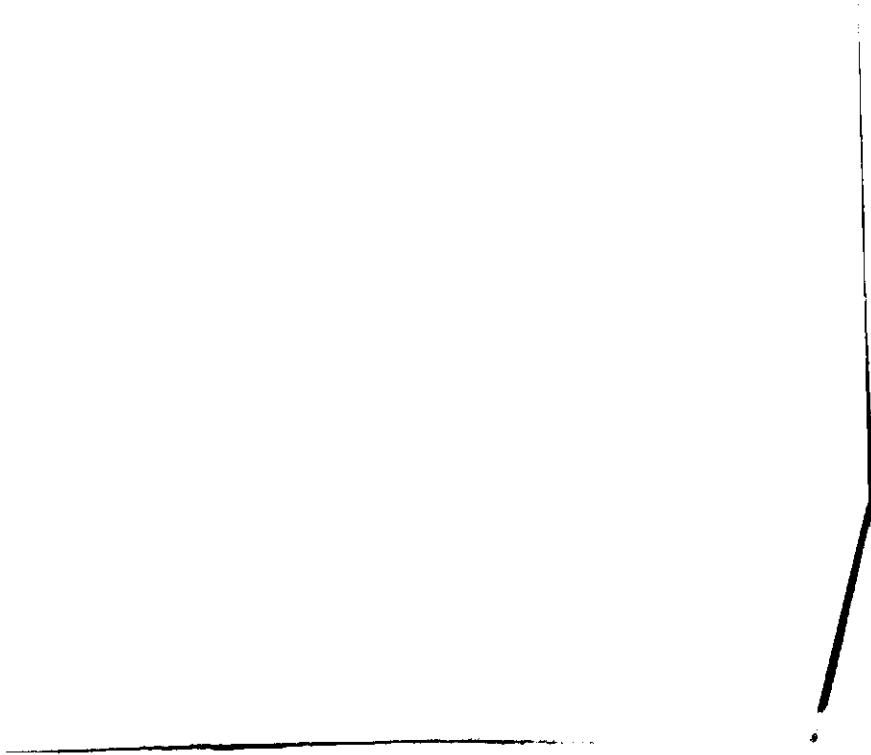
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