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La Trobe University Handbook 1972

**SCHOOLS OF
EDUCATION
HUMANITIES
SOCIAL SCIENCES
DEPARTMENT OF PSYCHOLOGY**

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PART I: INTRODUCTION

THE VISITOR

His Excellency the Governor of Victoria, Maj.-Gen. Sir Rohan Delacombe,
KCMG, KCVO, KBE, CB, DSO, K ST J

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(as at October 1971)

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Mrs Whitney King, CBE
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Business Manager F. Barnès, B EC, DIP ED (SYD)
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PSYCHOLOGY

<i>Professor</i>	Singer, G. MA, PH D (SYD), FAPSA
<i>Lecturer</i>	Montgomery, R. B. BA (SYD)

SCHOOL OF BIOLOGICAL SCIENCES

<i>Dean</i>	Professor A. B. Wardrop
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BIOCHEMISTRY

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<i>Lecturer</i>	Holmes, R. S. B SC, PH D (QLD)

BOTANY

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<i>Lecturers</i>	Pallaghy, C. K. B SC (MELB), PH D (TAS) Parsons, R. F. B SC (ADEL), PH D (MELB)
<i>Hon. Research Fellow</i>	Lee, Helen M SC (MELB)
<i>Senior Demonstrator</i>	Wong Hee, K. B SC (LA TROBE)

GENETICS AND HUMAN VARIATION

<i>Professor</i>	Parsons, P. A. B AGR SC (ADEL), M SC (MELB), PH D (CANTAB) <i>Chairman</i>
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<i>Research Fellow (AINSE)</i>	Westerman, Jane B SC (ADEL), PH D (BIRM)
<i>Senior Demonstrator</i>	Rose, Astrid B SC, DIP ED (MELB)
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ZOOLOGY

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<i>Lecturers</i>	Woolley, Patricia A. B SC (WA), PH D (ANU) Wright, A. B. B SC, PH D (LIVER) New, T. R. B SC, PH D (LOND), ARCS, DIC Rawlinson, P. A. B SC (MELB)
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Lecturers	Claydon, L. F. DIP ED, MA (BRIST), MA (LOND) Poole, Millicent E. BA, B ED (QLD), MA (UNE)
Senior Tutor	Hampel, B. K. BA, DIP ED (MELB)

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Senior Tutor	
Tutors	

* Joint appointment with the Department of History

HISTORY

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<i>Visiting Fellow</i>	Martin, Rev. Prof. F. X. MA (DUBLIN), PH D (CANTAB)
<i>Reader</i>	Gregory, J. S. MA (MELB), PH D (LOND)
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<i>Tutors</i>	Adams, R. W. BA (LA TROBE) Clarke, Kamoya BA, DIP ED (MELB) Watts, R. W. BA (LA TROBE)

* Joint appointment with the Department of English.

MODERN LANGUAGES

French

<i>Professor</i>	Forsyth, E. C. BA, DIP ED (ADEL), DU (PARIS) <i>Chairman, Department of Modern Languages</i>
<i>Senior Lecturer</i>	Paradissis, A. G. BA (LOND), MA, PH D (MELB), L EN D (SHANGHAI)

Lecturers	Hooke, R. L. G. BA (MELB), MA (ESSEX) Masterman, Lindis E. BA (MELB), DES (PARIS) Schutte, Marie-France L ES L, M ES L (PARIS)
Spanish	
Professor	Thompson, R. W. MA (DUB) <i>on leave</i>
Lecturers	Bell, A. MA (ST AND) Rodriguez, F. L EN L (MANIZ), DIP EN LIT HISPANO-AMERICANO (CARO Y CUERVO) Scarfe, F. H. B. MA (OXON), DIP DE ESTUDIOS HISPANICOS (SALAMANCA)
Instructor	Sangiau, J. M.

PHILOSOPHY

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Lecturers	Brady, R. T. B SC (SYD), MA (NE), PH D (ST AND) Cann, M. R. BA, B MUS, AUA (ADEL) Fox, J. F. BA (MELB) Hyslop, A. MA (ADEL) Jackson, F. C. B SC, BA (MELB) Mackie, Alwynne MA, PH D (MELB), TSTC Pargetter, R. J. B SC, MA (MELB), DIP ED (MON) Von Thun, M. BA (SYD)
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SCHOOL OF PHYSICAL SCIENCES

Dean	Professor C. J. Eliezer
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CHEMISTRY

Inorganic and Analytical Chemistry

Professor	Magee, R. J. M SC (QUB), PH D, D SC (EDIN), FICI, FRIC, FRSH, FRACI
Senior Lecturers	Cattrall, R. W. B SC, PH D (ADEL), ARACI O'Connor, M. J. B SC (ADEL), PH D (MON), ARACI
Lecturers	Cardwell, T. J. B SC, PH D (QUB), ARIC Wedd, A. G. B SC, PH D (TAS)
Research Fellow	Hill, J. O. B SC (LOND), PH D (SURREY)

Senior Demonstrators Krankovits, Emilia M. B SC (BUDAPEST), M SC (LA TROBE)
Tutor Tariq, S. A. M SC (PANJAB), PH D (SOTON), ARACI
 Slater, S. J. E. B SC (NSW)

Organic Chemistry

Professor Topsom, R. D. M SC (NZ), PH D (LOND), FRIC, FRACI, FNZIC
Senior Lecturers Davis, M. BA, PH D, (CANTAB), ARACI, AMIREE
 Deady, L. W. M SC, PH D (CANTUA), ANZIC
 Ternai, B. B SC, DIP CHEM ENG (BUDAPEST), M SC (MELB), PH D (E ANGLIA), ARACI
Lecturer Reiss, J. A. B SC, PH D (ADEL), ARACI
Research Associates Brownlee, R. T. C. BA (CANTAB), M SC, PH D (E ANGLIA)
 Broxton, T. J. B SC, PH D (WA)
Senior Demonstrator Davy, J. R. B SC (NSW), PH D (FLIN)

Physical Chemistry

Professor Morrison, J. D. PH D, D SC (GLAS), FRACI, FAA
Senior Lecturers Arthur, N. L. B SC, PH D (ADEL)
 Dale, D. H. B SC (RHODES), D PHIL (OXON)
Lecturers Mackay, Maureen F. B SC (SYD), PH D (MELB)
 Nyberg, G. L. B SC (WA), PH D (CANTAB)
 Peel, J. B. B SC, B ED (MELB), PH D (MON), ARACI
Research Associate Smith, J. F. ARMIT

GEOLOGY

Professor White, A. J. R. B SC (ADEL), PH D (LOND)

MATHEMATICS

Professors Eliezer, C. J. MA, PH D (CANTAB), M SC, D SC (LOND), BAR-AT-LAW (MIDDLE TEMPLE), FIMA
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 Cohen, H. A. B SC (SYD), PH D (ANU)
 Johnston, R. B SC, PH D (GLAS)
 Jones, A. R. MA, PH D (MELB)
 Pearson, K. R. BA, PH D (ADEL)
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 Roy, S. K. M SC, PH D (PATNA), FIMA
 Woodhouse, D. MA, D PHIL (OXON), M SC (E AF), MLMS

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<i>Tutor</i>	Gray, A. R. BA (MON)

PHYSICS

Electron Physics

<i>Professor</i>	Davies, D. Elwyn B SC, PH D (WALES), F INST P, FAIP
<i>Senior Lecturers</i>	Jenkin, J. G. B SC (ADEL), PH D (ANU), AAIP Leckey, R. C. G. B SC, PH D (QUB), A INST P Lee, A. R. B SC (HK), PH D (LOND), A INST P Liesegang, J. B SC (QLD), D PHIL (OXON), AAIP
<i>Lecturers</i>	Miller, R. B. B SC, PH D (NE) Riley, J. D. B SC, B ENG (SYD), PH D (OXON)
<i>Research Fellow</i>	Fleming, I. A. B ENG, PH D (LIV)

Space Physics

<i>Professor</i>	Cole, K. D. M SC DIP ED, D SC (QLD), FAIP
<i>Senior Lecturers</i>	Butcher, E. C. B SC, PH D (EXON) McLaughlin, I. L. B SC, PH D (ADEL)
<i>Lecturers</i>	Dyson, P. L. B SC, PH D (MELB) Essex, Elizabeth A. B SC, PH D (NE) Kalotas, T. M. BE, M SC (NSW), D PHIL (SUS)

SCHOOL OF SOCIAL SCIENCES

<i>Dean</i>	Professor H. A. Wolfsohn
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ECONOMICS

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<i>Readers</i>	Sinclair, W. A. M COMM (MELB), D PHIL (OXON) Webb, L. R. B COMM (MELB), PH D (LOND)
<i>Senior Lecturers</i>	Anderson, J. L. BA (NE) Burley, H. T. B EC (ADEL), MA, PH D (CANTAB) Schneider, M. BA (ADEL), M SC (CANTAB) Stent, W. R. B AGR SC (MELB), DTA (TRIN), DIP AGR EC (OXON) Stewardson, B. R. MA (MELB), PH D (CANTAB) Thomas, K. D. BA (ADEL), M EC (CALIF)

Lecturer	Cooper, P. I. BA (KEELE), MA (LEIC)
Visiting Lecturers	Elsum, D. L. B ENG, B COMM (MELB), M SC, PH D (GEORGIA INST TECH)
	Subocz, V. M COMM (MELB), PH D (LOND), AASA
Research Fellow	Weston, Caryl R. B COMM (MELB)
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	Wiltshire, Zaiga M EC (SYD)
Senior Tutors	Defris, Lorraine B COMM (MELB)
	Parmenter, B. R. BA (NOTT), MA (LEIC)
Tutors	Harris, G. T. B COMM, DIP ED (MELB)
	Richardson, Susan B COMM (MELB)

LEGAL STUDIES

Professor	Braybrooke, E. K. LL M (NZ), LL M (COLUMBIA)
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POLITICS

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Senior Lecturers	Beaglehole, J. H. MA (OXON), B SC EC, PH D (LOND)
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Senior Research Fellow	Kawaguchi, H. BA (SEIKEI), MA, PH D (TOKYO)
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	Plehwe, R. BA LLB (TAS), PH D (DUKE)
	Polis, T. BA (MELB)
	Rubenstein, C. L. MA (MELB)
	Schehtman, J. BA (JERUSALEM), PH D (UNC)
	Smith, R. F. I. MA (ADEL), PH D (ANU)
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	Georgiou, P. BA (MELB)
	McCoppin, G. Brigid BA (MELB)

SOCIOLOGY

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	Ireland, R. H. BA (MELB), PH D (HARV)
	Mulligan, D. G. MA (NZ), PH D (LOND)
	Rose, G. MA (OXON), MA (CANTAB)
	Trahair, R. C. S. BA, PH D (MELB)

Lecturers

Fitzgerald, J. M. LL B (MELB), LL M MA (ILL)
Hickman, D. C. BA, B ED (MELB) PH D (ANU)
Inglis, Christine BA (SYD), MA (ANU)
Lauderdale, Sandra BA (COLOR), MA (CORN)
Otto, Rosemarie BA, DIP SOC STUD (MELB)
Richards, Marilyn G. BA (ADEL)
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Vice-Chancellor Myers, D. M. B SC, D SC ENG (SYD), FIEE, FIE AUST,
F INST P

Registrar Taylor, Maj-Gen. T. S. CBE, MVO, MC
Deputy Registrar Griffith, D. A. C. TD, B SC (ENG) (LOND), AFAIM
Assistant Registrar Kennard, D. N. BA (NE), AAIM
Staff Officer Tolhurst, N. M.

Council Executive Officer Sewell, S. M. BD (LOND), MA (HARTFORD)

Publications and Information Officer Segrave, R. W. MAIE, AMICIE, MPRIA
Business Manager Barnes, F. B EC, DIP ED (SYD)
Chief Accountant Henley, J. W. FASA, FCIS

Assistant Chief Accountant Gruer, E. F. FASA

Buildings Officer Russell, T. C. C. ARIBA, ARAIA

CHISHOLM COLLEGE

Head

GLENN COLLEGE

President

Oates, S. BA, B ED (MELB)

Secretary

Bodey, N. H.

MENZIES COLLEGE

Chairman

Manager

Star, J. C.

COMPUTER CENTRE

Manager

Edwards, J. A. BA (KEELE)

UNIVERSITY ADVISORY SERVICES

Health Service

Physician-in-Charge

Semmens, K. MB, BS (MELB), DTMH (LOND)

Counselling Service

Counsellor

Bailey, C. F. B ECON (SYD), DIP PSYCH (MELB)

Careers and Appointments Service

Adviser

Waterhouse, J. L. B COMM (MELB)

ESTABLISHMENT OF THE UNIVERSITY

La Trobe University is named after Charles Joseph La Trobe, who between 1839 and 1854 served the young Victorian community with distinction. As the Third University Committee explained in its report to the Minister for Education: 'La Trobe was not a university man (which was not uncommon in his day) but he appears to have had almost every quality one would desire in one. He had a lively interest in every aspect of life of the community, the will to work for the good of other men and a sense of responsibility towards posterity. He came to the infant town of Melbourne in 1839 as a Superintendent and became the first Lieutenant-Governor when Port Phillip District was separated from New South Wales in 1850. He granted the sites for the State Library and Melbourne University, took the chair at the meeting which inaugurated Royal Melbourne Hospital, and was the prime mover for the establishment of the Botanical Gardens.' The origins of La Trobe University date from a recommendation in the second report of the Australian Universities Commission that a third university be established in the metropolitan area of Melbourne. As a result of this recommendation the Victorian Government established in 1964 a 'Third University Committee', which held its first meeting on 2 June 1964.

As a site for the new University the committee recommended the farm attached to the Mont Park Mental Hospital at Bundoora. This area of approximately 500 acres situated within nine miles of the centre of Melbourne met the Committee's requirements as far as size and location were concerned. It seemed ideal for landscaping and for subsequent architectural development, services were readily available nearby and no costly problems were apparent.

In considering the academic organization of the future University the committee took particular note of the division into large faculties traditional at most Australian universities and concluded that this was not an ideal pattern to be followed in an institution which, from the outset, was being planned to reach an enrolment of approximately 10,000 in little more than a decade. The committee accordingly recommended that the academic structure of the University should be based on smaller units to be known as Schools, each of which would be responsible for the conduct of teaching and research in its own area. In the committee's view each such School, while naturally including disciplines involving a high degree of specialization, should still be of such a nature as to permit its academic leaders to form a reasonable understanding and maintain control of its activities.

The general proposals put forward in the report of the Third University Committee were incorporated where appropriate in the La Trobe University Act No. 7189 of 1964 which received Royal assent on 9 December that year. The Act set up an Interim Council which held its first meeting on 23 December 1964. That meeting established what are known now as the Academic Board and the building, finance, legis-

lation, and college and housing committees. The recommendation of the Committee that there should be an Academic Board smaller in size than the traditional professorial board is also embodied in the Act. The duties of the Academic Board are similar to those undertaken by a professorial board and include particularly the consideration of academic matters that concern the whole University.

Responsibility for the planning of the University remained with the Interim Council until 19 December 1966 when the first Council took office and held its inaugural meeting. At that meeting Sir Archibald Glenn, who had been chairman of the Interim Council since its inception, was elected as Chancellor of the University, a position which he still holds. At the same meeting Mr B. J. Callinan was elected as Deputy Chancellor, a position which he retained for the maximum period of three years permitted under the Statutes. He was succeeded in 1970 by Mr K. H. Vial. The Chancellor was installed on 8 March 1967 by the Visitor to the University, His Excellency Major-General Sir Rohan Delacombe, Governor of Victoria, at an outdoor ceremony during which the Premier of Victoria (Sir Henry Bolte) formally opened the University.

Dr D. M. Myers was appointed in March 1965 as the first Vice-Chancellor of the University. At that time he was Dean of the Faculty of Applied Science at the University of British Columbia in Vancouver, Canada, and formerly Professor of Electrical Engineering at the University of Sydney and Chief of the Division of Electrotechnology, CSIRO.

A master plan prepared by Mr Roy Simpson of Yuncken Freeman Architects was adopted by the Interim Council in mid-1965 as the basis for the physical development of the University. Since that time Mr Simpson has continued to fulfil the role of master planner.

The University opened in 1967 with an enrolment of 500 in the initial Schools of Biological Sciences, Humanities, Physical Sciences and Social Sciences. The School of Agriculture accepted its first students in 1968. The University's enrolment for bachelor degree courses rose from 2154 in 1970 to 2551 in 1971. In the same period higher degree enrolments rose from 184 in 1970 to 203 in 1971. Other enrolments in 1971 accounted for 265 students.

Enrolments in the School of Education, which commenced in 1970 with 129 Diploma in Education students, increased considerably in 1971 when there were 192 diploma students, 52 bachelor students and 7 higher degree students.

The student population is expected to increase substantially in 1972 to a total in excess of 3,800. This growth is in keeping with plans to accommodate approximately 10,000 bachelor degree enrolments by 1980.

There were 840 members of staff at the University in 1971, and by 1980 this is expected to increase to more than 2,000.

DEVELOPMENT

The University's physical development follows the master plan's central principles, flexibly interpreted in the light of experience. These principles include concentration of the academic buildings in a core around

the library, multi-level pedestrian circulation in this central area, the placing of colleges in an outer ring flanked by landscaped car parks, and the use of areas on the further perimeter for specialized academic reserves and future research institutes. Kingsbury Drive divides the University site: sportsfields lie on one side and the academic campus on the other. The whole is enhanced by a system of stepped lakes and an extensive tree and shrub planting program.

Beginning modestly in 1965, the University's building program has resulted in a present completed floor space of 900,000 square feet. There are nine lecture theatres. Glenn College and the first stage of the library had to accommodate the initial intake of students in 1967. Since then facilities have been added to provide permanent homes for five Schools (humanities, social sciences, biological sciences, physical sciences and agriculture), and administration. The area of the library was more than doubled to 100,000 square feet in 1970, and the same year saw the completion of the maintenance and services depot and stage I of the animal and glass-house complex. The other important building projects brought to fruition have been Menzies and Chisholm college residences, the eastern lecture theatre, the agora stage I, the PABX, the sports pavilion and sports union field house complex. Altogether 35 per cent of the estimated ultimate volume of building is now complete. Projects to be finished during 1972 include a 500-seat theatre for lectures and drama, residential extensions to Glenn and Menzies colleges, the western arm of the agora and a general union building.

LIBRARY

The collections and services of the library are being developed to support the teaching and research programs of the University. At this early stage in its growth emphasis has been placed on the provision of books and periodicals directly relating to the subjects being taught. In 1972 the holdings will be approximately 150,000 volumes of books and periodicals and some 30,000 volumes will be added during the year.

The library building, which is located on the northern side of the agora in the centre of the academic buildings, is designed to house up to 240,000 volumes and 1,800 readers. The main entry to the building is from the concourse on the second level, and on this floor most service functions are located — the public catalogues, the reference collection and reference service point, the loans desk, the reserve book collection, and offices and workrooms for the library staff. Level three houses the general collection and the main reading area, including 32 lockable carrels for the use of research students. Level one houses the serials collection with its associated display and reading areas, the serials and government documents workroom, the research collection (which includes government documents) and its reading area, the special collections room and the microfilm collection and reading area.

A fuller description of the library and of the services it offers to students is contained in the *Introductory Guide to the Library*. The rules

governing use of the library are set out in the University's Regulation 20.2(1) *Use of the Library*. All students should provide themselves with the Guide and the regulations, copies of which may be had from the loans desk.

The librarians of the reference section give individual assistance to students when requested and in co-operation with the Schools give courses of instruction in library use and subject bibliography.

THE COLLEGES

The three colleges of the University each provide a number of study bedrooms for residential students. Glenn College, which has been in operation since the University opened in 1967, and Menzies College, which opened the following year, also provide dining, social and recreational facilities for both residents and non-residents. The construction of the residential buildings of Chisholm College is expected to be completed in time for resident students to be admitted at the beginning of the 1972 academic year.

Application for College Residence

In addition to the application to enrol at the University, a separate application is required for residential accommodation in 1972 in either Glenn College, Menzies College or Chisholm College. Further information and application forms may be obtained by writing to:

The Student Accommodation Office,

La Trobe University,

Bundoora, Victoria 3083.

if possible before 30 November. Information about the 1972 residence fees will be available at the time of application.

UNIVERSITY HEALTH SERVICE

Physician-in-charge: Dr K. Semmens

Physician: Dr H. Beveridge

Nursing Sister: Miss Nina Sedlmayr

Secretary/Receptionist: Miss Jennifer Kerr

In 1972 the University Health Service will be located in the new building for the University Advisory Services (running south from the humanities building).

For staff, it provides treatment in medical emergency, vaccinations before overseas travel, superannuation medical examinations, and the opportunity to discuss medical problems which are causing concern.

For students, the University Health Service hopes to be of use particularly where ill-health or worry is interfering with studies, and where the stresses of undergraduate life are having an effect on a student's health. Treatment will be provided where possible, or the patient may be referred to the most appropriate place for further care. Prevention being better than cure, not only are prophylactic injections such as tetanus,

polio, smallpox etc. obtainable, but, on many topics, information and advice which might help to avoid trouble are available.

Consultation: on weekdays, during normal University hours, preferably by appointment, but in an emergency, just call in.

UNIVERSITY COUNSELLING SERVICE

University Counsellor: Mr C. F. Bailey

Secretary: Mrs Cheryl Kennon

The function of the Counselling Service is to offer help — either individually or in groups—to students who are having such difficulties as defining their vocational goals, settling down to the business of effective study, adjusting to life at university, or dealing with their personal problems.

The service is available with (but in an emergency without) an appointment to any member of the University and to those who are interested in becoming students. Appointments can be made in person or by telephoning the University on extension 2958. During 1972 the Counselling unit will be located with the other advisory services between the humanities building and the south building.

CAREERS AND APPOINTMENTS

Adviser: Mr John Waterhouse

Assistant to Adviser: Miss Pauline Cross

Secretary: Miss Merrin Browne

The Careers and Appointments Service helps an undergraduate to clarify and achieve his vocational goals. The service offers advice and information to enable the student to be realistically aware of the facts and problems of career opportunities, thus equipping him to accept responsibility for his own future. It assists those seeking graduate employment, and may be of help to students who are looking for vacation work, or part-time work during the academic year, or positions in which they can make the best use of a partially completed degree course. Advice about careers open to graduates may also be of use to those who are involved in choosing between possible university courses or still completing their final year at school.

STUDENT HOUSING SERVICE

Student Housing Officer: Mrs Betty Collings

Secretary: Mrs Mavis Wood

The Student Housing Service is provided to assist students in finding accommodation other than in colleges, and to advise on any relevant problems such as types available, costs, suitable areas, transport, etc.

Offers of accommodation for students are visited wherever possible to ensure reasonable domestic and study facilities, and a permanent listing of available places is kept throughout the year. These vary from furnished rooms (from \$8 a week) to private board (from \$14 a week)

or varying arrangements between the two, to suit a particular student's needs.

There is also a limited number of University flats available to students. These are mostly two-bedroom, furnished flats, letting at \$24-\$26 a week on a 40-week lease. General information about other flats and houses for rental in the area is provided.

Country students should allow sufficient time to locate suitable places (possibly an overnight stay in Melbourne) and private transport is invaluable when doing so. Enquiries should be directed to the Student Accommodation Office, La Trobe University, Bundoora, 3083. Telephone 478 3122.

Non-Collegiate Accommodation

The University endeavours to assist all students living away from home to find suitable accommodation either in a college or elsewhere. Details of the Student Housing Service are given above. Any prospective student who is likely to require accommodation other than in one of the colleges should write to the Student Accommodation Office at the address set out above, if possible not later than 30 November, for further information and application forms.

CHAPLAINS

The chaplains' rooms are located in the east lecture theatre block. Details of the times when the chaplains are available are posted on notice boards around the University. The chaplains are Rev. Fr V. Harkins and Rev. Dr I. R. M. Parsons. The counsellor to Jewish students is Mr H. Shaw.

COMPUTER CENTRE

Manager: Mr J. Edwards

Secretary: Miss Y. Burnham

The University Computer Centre is equipped with a small PDP-9 computer and a PDP-15 computer. The PDP-9 is designed to service, on line, various research experiments and to provide an interpretive single-user console system. The PDP-15 provides facilities for student batch and research processing. It has 16,000 words of memory, disc storage of one half million words, two DECTape units, two industry compatible magnetic tape units, card reader and line printer. The centre is located on the ground floor of the chemistry building (next to the library).

Service courses both in programming and in operating are provided by the centre for academic departments. Additional courses are open to students and staff. Information about these courses will be posted on the official notice board.

STUDENT LOANS

The resources of the Students' Loan Fund are limited. The Students' Loan Fund Committee expects that, in 1972, it will be able to assist only

those students whose financial difficulties are considerable and who require loans to enable them to pay fees, purchase books and equipment and provide accommodation and food. It is the committee's policy that a loan should supplement other income and not serve as a student's primary source of funds.

During 1971 the committee adopted a policy under which it would advance no more than \$550 to a student during one academic year with a maximum of not more than \$1100 during a course. When approving a loan application the committee specifies the period within which the loan must be repaid. In setting this period the committee takes account of a student's overall financial position and the amount of the loan. Long term loans must be repaid within two years of the completion of a course or withdrawal from the University. Shorter periods apply to other types of loan (emergency, short term, medium term). The amount of interest charged on a student loan varies according to the repayment period set. An applicant is normally required to nominate a guarantor for the loan.

The committee may recommend to the Bank of New South Wales that it grant a supplementary loan of up to \$200 on the basis of \$2 for \$1 from the fund. Interest is charged on the bank loan at a concessional rate.

A list of persons who may approve short term (up to \$50, repaid within two months) and emergency (up to \$10, repaid within two weeks) loans is displayed on the official noticeboard.

Enquiries regarding all types of student loans should be directed to the secretary of the Students' Loan Fund Committee, Registrar's Department.

THE LA TROBE UNIVERSITY BOOKSHOP

The La Trobe University bookshop is owned by the University. The shop, located on the eastern side of the agora, is the largest in the northern suburbs and one of the best in Melbourne.

The bookshop stocks all text books prescribed or recommended for study in the many courses offered at La Trobe, as well as a liberal range of general reading involving an extensive range of fiction and of reference works. There is a choice of children's books and a special and up-to-date section for current and topical releases. A variety of stationery, pens, records and magazines is also available.

The bookshop has a carefully controlled credit system for those who wish to pay for their purchases on a monthly basis. A special order service and a reservation service are also offered. The former enables a customer to order types of books not normally held in stock; the latter allows customers to reserve books that are already on order. When they arrive a copy is put aside and the customer notified that the books can be collected.

At present the bookshop is subsidized in order to maintain its current level of stock and range of services. This subsidy comes from the bookshop levy which is a component of the general service fee. Students pay the levy only once. In 1971 all students paid the levy of \$4 but in

1972 only students entering the University for the first time will be required to pay the fee. Members of the University staff are requested to donate \$4 to the bookshop. When the bookshop makes a profit, it is proposed that this will be distributed for the benefit of members of the University.

The bookshop is controlled by a board of management representing various interests within the University. The board comprises five students appointed by the Students' Representative Council, and one representative of the academic staff, the Business Manager's Department and the Library. The bookshop manager is a member of the board, and there is a professional outside consultant. At present, the chairman of the board is a student.

Any enquiries about the bookshop should, in the first instance, be directed to the manager.

CHILD CARE CENTRE

The La Trobe University child care centre opened towards the end of the 1971 academic year. A management committee, consisting of students and staff and one outside expert is elected in April of each year.

The building incorporates two play rooms (for different age groups) and various other facilities. The centre, which caters for 25 children aged from six weeks to five years, is available to children of students or staff of the University.

All enquiries should be made to the directress of the centre.

SPORTS UNION

The La Trobe University Sports Union was established in 1967 to assist and co-ordinate the establishment and administration of the various sporting clubs.

The Sports Union Council consists of a delegate elected from each club. The Sports Union executive committee is directly responsible for the day-to-day administration of Sports Union affairs.

Sports Union policy is to encourage participation in a wide range of sporting activities by members of the University community by providing for the development of both recreational and competitive sporting activities. Considerable subsidies are provided to enable members easy access to all sporting activities. Staff are encouraged to join the Sports Union. All participants are covered by comprehensive insurance during sporting activity.

The first capital grant from the Australian Universities Commission provided for the establishment of the sports pavilion and the development of the permanent playing fields to their present stage. The first stage of the indoor sports centre is now completed and is located north-east of Glenn College. It comprises an indoor field house 80 feet by 100 feet for all indoor activities, two squash courts, a comprehensive amenities block (including storage and meeting facilities) and a temporary sports

union office. The centre is open on week days from 9 am until midnight and on Sundays from 2 pm to 10 pm.

The development of further permanent sports areas and facilities is taking place in the south-western section of the site in addition to the 13 acres already established.

Although a relatively small student population exists at La Trobe, a wide variety of sporting clubs is functioning. The following clubs are available to members this year: aikido, athletics, Australian rules football, badminton, baseball, basketball (men's international rules), basketball (women's international rules), boxing, canoeing, cricket, equestrian, fencing, golf, hockey (men's), hockey (women's), judo, karate, lacrosse, lawn tennis, mountaineering, netball, rifle, rowing rugby, skiing, skin-diving, sky-diving, softball, squash racquets, surf-riding, table tennis, volleyball, weightlifting and yachting. Clubs enter teams in intervarsity, intra-varsity and local competitions.

Any enquiries regarding these clubs and their activities should be directed to the Sports Union office located at the indoor sports centre.

STUDENTS' REPRESENTATIVE COUNCIL

The SRC, which is elected by and from all students (full-time, part-time, postgraduate and undergraduate) exists to 'represent the students of the University on all matters affecting their interests . . .' The SRC meets with the University Council and other bodies to provide information and advice on matters concerning students and where necessary to negotiate improvements.

The SRC employs an administrative secretary and two secretaries who, with the staff of the student newspaper *Rabelais*, occupy offices in the agora. As time proceeds more permanent quarters will be provided together with adequate facilities for extra-collegiate and extra-curricular activities.

La Trobe University is a constituent of the Australian Union of Students. The union provides students with many benefits, including a comprehensive travel service, a health insurance scheme, and the opportunity to engage in and discuss extensively matters such as education, welfare and ABSCHOL. In addition AUS enables students to enjoy an exchange of ideas with other universities. One of the very active organizations at La Trobe is the ABSCHOL committee which is committed to helping Aborigines achieve basic rights, especially in the field of education.

In addition the SRC promotes the social, cultural and intellectual life of the University through such activities as balls, forums and guest speakers, by the organization of Orientation, by supporting more than 40 clubs and societies, and by publishing a weekly newsletter, a magazine and a bi-weekly newspaper.

In September, 1970, the present SRC was elected into office and although bedevilled by internal dissent between those who viewed the SRC more as the provider of services and facilities and those who saw

the SRC in political terms, by September the Council had accepted the new constitution which at long last made the SRC official.

Under the new constitution the SRC executive has been abolished and 10 SRC standing committees have been established (finance, publications, activities, facilities, planning and management, AUS (education), AUS (other than education), clubs and societies, constitutional and legal affairs, housing and advisory services and public affairs.

Enquiries may be made to the honorary secretary, SRC office, the agora.

Clubs and Societies

A university course includes more than academic study, and the following clubs and societies are registered with the SRC: Labour Club, Muslim Union, Newman Society, Philosophy Society, Agricultural Students, Amnesty International, Asian Students Association, Ballroom Dancing Club, Chemical Society, China Society, Communist Club, Community Aid Abroad, Conservation Society, Contemporary Dance Group (Modern Ballet), Democratic Club, Ecological Society, Education Society, Christian Union, Film Society, Film Production Group, Folk Club, Forum for Advancement of Education, Jewish Students Association, Physics Society, Social Involvement, Strawberry, Student Christian Movement, Students for a Democratic Society, Theatre Group, World University Service, Yoga Society, Motor Cycle Club, Anarchist, Association of Sociology Scholars, Economic Society, Fabian Society, French Club, Literary Society, Moderate Student Alliance, Music Society, Photographic Society, Women's Liberation.

Rabelais

The student newspaper of La Trobe University, *Rabelais*, is designed to provide news, information and articles of general interest to the students. It is edited and staffed by students, and financed by the SRC and advertising. Contributions and staff are always needed to keep the newspaper operating, and students are welcome to help.

Enquiries may be made to the editor, *Rabelais*, the agora.

Student Travel Loan Fund

A committee of the SRC grants interest-free loans to students who wish to participate in a travel scheme and who do not have sufficient funds to meet the full cost of fares and living expenses while overseas.

For further information enquiries should be made at the SRC Office.

COMMONWEALTH UNIVERSITY SCHOLARSHIPS

Commonwealth university scholarships are available in all first degree courses and in the Diploma of Education course. The courses approved can be taken by part-time study as well as full-time study. In general, selected students will be free to apply their scholarships to any

single approved course. Students interested in combined courses should seek advice from the Department of Education and Science.

Closing date for an application is 30 September

Awards of university scholarships are made in three categories:

Open Entrance

Open to students under 30 years who are permanent residents of Australia and who are doing or have done matriculation. Awarded on the basis of results in the three best subjects (excluding English expression) at the higher school certificate examination in four or more subjects. However, an adjustment is made in respect of additional subjects taken and account is taken of whether a student is repeating the examination.

Later Year

Open to undergraduates in any year of their course who are under 30 years of age and permanent residents of Australia and who have completed the equivalent of at least one year of full-time study in an approved course. Awarded on the basis of results gained from the commencement of the applicant's first approved university course.

Mature Age

Open to students who are over the age of 30 years and under 40 years of age and who are permanent residents of Australia. Awarded either on results obtained in the higher school certificate examination or, if the applicant has already commenced an approved university course, on his academic record in the course.

Benefits

All compulsory fees will be paid irrespective of the means of the scholar's parents. In addition, scholars who are undertaking full-time courses on a full-time basis may apply for a living allowance which will be subject to a means test. Allowances are paid on a graduated scale, the maximum allowance being \$700 a year for students living at home and \$1,100 a year for students living away from home under approved circumstances.

The maximum allowance is payable where the family's income is \$2,800 a year or less and some allowance is payable on a reducing scale up to an income of \$6,026 a year for students living at home and \$7,360 a year for students living away from home.

These conditions are reviewed annually.

Number Available

Open entrance: 8,500 throughout Australia.

Later year: 4,000 throughout Australia.

Mature age: A small number only is available.

There is no contract of service.

Further information may be obtained from the Regional Director, Department of Education and Science, 99 Queen Street, Melbourne, Vic. 3000.

LA TROBE UNIVERSITY RESEARCH SCHOLARSHIPS

A number of postgraduate scholarships tenable at La Trobe University will be awarded in 1972.

Eligibility

Graduates or graduands of any Australian or overseas university are eligible to apply. An applicant should hold at least a class 2A honours bachelor degree or the equivalent qualification, or should be completing the final year of a course leading to such a degree.

Research

The purpose of the scholarship is to enable scholars to carry out under supervision a program of full-time advanced study and research, in a field approved by the University, leading to one of the following higher degrees: Master of Agricultural Science, Master of Arts, Master of Economics, Master of Education, Master of Science or Doctor of Philosophy.

In allocating scholarships account will be taken of the suitability of the proposed research project in terms of the supervision and facilities available in the particular department.

If an applicant's proposed course of research will require knowledge of any language other than English, he should attach a note giving details of his present level of knowledge of the relevant language covering speaking, reading and writing ability.

Tenure

Scholarships are tenable as follows:

Masters' candidates — up to a maximum period of two years.

Ph D candidates — normally up to a maximum period of three years with a possible extension for a fourth year.

The scholarship will be tenable in the first instance from the date of beginning work at the University until 31 December of the same year.

Subsequently annual renewal may be made up to the maximum period shown above.

Stipend and Other Allowances

Masters' and Ph D scholarships — stipend \$2,000 a year. (Stipends are exempt from income tax.)

In addition to the stipend, the following allowances apply:

Married scholar with dependent wife and one child, additional \$300 a year.

For each additional child to a total of three in all, \$100 a year.

In special circumstances consideration may be given by the University to granting assistance up to \$300 a year to married scholars without children.

The University may give consideration to the granting of assistance in special cases other than those specified above: e.g. for a married woman scholar with a child and dependent husband.

Exemption from compulsory University fees.

Assistance with personal travelling expenses for applicants within Australia or from New Zealand.

Assistance with transporting personal belongings for applicants within Australia and from New Zealand up to a maximum of \$25.

An allowance of up to \$100 for costs incurred in typing and binding a thesis. (Where two theses are submitted — master's followed by a Ph D — two claims may be made but the total will not exceed \$100.)

Additional Income

A scholar may, with the approval of the chairman of department concerned, supplement his stipend by undertaking tutoring or demonstrating in a field related to his research, up to a maximum of 150 hours a year, normally at a rate not exceeding six hours per week. (Remuneration not exempt from income tax.)

Applications

Applications for a La Trobe University Research Scholarship should be made in triplicate on the appropriate application form which may be obtained from the University. Applications close with the Registrar on 31 October.

Academic Record

A copy of an official statement from the applicant's university of his academic record *must be included* with the application forms. If an applicant has a final result pending, he should send a copy of his academic record showing his examination results to date.

COMMONWEALTH POSTGRADUATE AWARDS

Research

The Commonwealth Government each year makes available a number of postgraduate awards which are allocated amongst the universities by the Commonwealth Scholarships Board.

Applicants must be permanent residents of Australia at the time of application. Overseas students coming to Australia to begin a post-graduate course are not eligible for awards.

Applicants should have graduated or expect to graduate with at least upper division second-class honours in their bachelor degree courses or possess equivalent qualifications.

The maximum tenure of awards is two years for students proceeding to a master's degree and three years with possible renewal for a fourth year for students proceeding to a doctorate.

The stipend is \$2,600 a year, plus a dependants' allowance of \$450 a year (for wife and child or children).

In addition to the stipend, travelling, settling in and thesis allowance will be paid.

Applications for a Commonwealth Postgraduate Award should be made in triplicate on the appropriate application form which may be obtained from the University. Applications close with the Registrar on 31 October.

Course

Special awards are offered by the Commonwealth Government for students wishing to undertake full-time postgraduate study in courses more than 10 years from the year of graduation.

Applicants must be permanent residents of Australia at the time of application. Students from overseas who have permanent residence status in Australia and who declare their intention to remain in Australia after completion of their studies are also eligible. Such students must be resident in Australia at the time of application.

Applicants should have an undergraduate record at better than pass level. In general applicants should not have a break in their studies of more than ten years from the year of graduation.

Scholarship benefits are continued for the duration of the scholar's course, subject to his making satisfactory progress. Scholars are expected to complete their courses in the minimum time.

The stipend is \$2,600 a year, plus a dependant's allowance of \$450 a year (for wife and child or children).

In addition to stipend, travelling, establishment fees and other allowances will be paid.

Applications for a Commonwealth Postgraduate Course Award should be made on the appropriate form available from the Registrar.

Applications close with the Registrar on 30 September.

EDUCATION DEPARTMENT STUDENTSHIPS

Education Department studentships are available for approved courses for a degree and diploma in education. They are available to students in all Schools at La Trobe University and are awarded to be taken up at the beginning of any year of the course. They are for full-time study only and are for the minimum period required to complete the course.

The studentship may be extended to include fourth year of an honours degree.

Benefits

The award pays tuition fees and an allowance of \$1,338 per year for first-year students, rising to \$1,747 in the fourth year, with \$70 additional for those living away from home.

For undergraduate and graduate entrants the allowances are:

Completed first year: \$1,731-\$2,128

Completed second year: \$2,403-\$2,562

Completed degree: \$3,180

There are separate rates for those with dependants.

In addition, the award constitutes appointment into the State teaching service with an assured position as a permanent teacher after qualifying for the Diploma in Education.

A student who accepts a studentship is required to enter into an agreement which requires service with the Education Department for three years after completing the course, or one year in the case of graduate awards.

Further information is available from The Principal, Teachers' College, La Trobe University.

NATIONAL SERVICE

A student liable for national service who requires a certificate of enrolment on his deferment claim form should lodge this form for endorsement at the counter of the Student Administration branch.

The University can certify only a student's current enrolment. If a further course is planned Part D of the form should be completed or a separate statement attached. This does not apply to a student who is enrolled for a concurrent course (BA, B Ec, B Agr Sc, Dip Ed course). The following remarks summarise the present deferment policy of the Commonwealth Department of Labour and National Service.

Deferment is usually granted to a student to complete a course for which he is enrolled at the time of registration, subject to the overriding qualification that the ground of deferment does not prejudice the student's rendering of service, liability for which now ceases at the age of 30 years. This now covers all students both undergraduate and post-graduate.

Every deferment is granted on the condition that it will be reviewed annually, and that the student must continue to make satisfactory academic progress. A student who has been granted deferment will be liable to undertake national service on termination of that deferment.

Where preferred, a student required to register may elect to serve in the Citizens Forces (Citizen Naval Forces, Citizen Military Forces, and Citizen Air Force) as an alternative to National Service. This option is open to those who are already serving and to those who intend to make immediate application for enlistment. In each case, the undertaking to serve for the prescribed period must be completed and signed before the ballot for a registrant's particular age group. Those who continue to serve efficiently and continuously for this period will not be required for national service. Those Citizen Force members, excluding members of the Victorian University Squadron Citizens Air Force, who have at least one year's efficient service before registration for their age group,

will be required to serve for five years. Registrants with less will be required to serve efficiently for six years.

The information sheet which is a section of the registration form explains these deferments in more detail. Further information may be obtained from the Commonwealth Department of Labour and National Service, National Service Registration Office, Princes Gate Building, 151 Flinders Street, Melbourne, 3000, or any district employment office of the Commonwealth Employment Service.

PUBLIC TRANSPORT

Copies of bus timetables and fare concession application forms are available at the Student Administration Branch. General transport information including a map showing public transport routes is placed on the official notice board. For information on tram, train and bus services in the metropolitan area, ring the Transport Information Centre on 63 0141. For services in the country, ring 63 0202.

Bus Routes to the University

(* indicates a connection with the rail and tram routes mentioned below):

1. Melbourne and Metropolitan Tramways Board route:
City—Russell Street (terminus at Bourke Street), Rathdowne Street (Exhibition Buildings), North Carlton, North Fitzroy, Clifton Hill, Dennis*, Northcote, Fairfield, Ivanhoe, West Heidelberg, La Trobe University.
2. Ivanhoe Bus Company route:
Deepdene (Burke Road Tram Terminus), Ivanhoe railway station*, Heidelberg Repatriation Hospital, West Heidelberg, La Trobe University.
3. Dyson's Bus Service routes:
 - (i) Regent railway station* or Northland, East Preston tram terminus*, La Trobe University, Janefield.
 - (ii) Regent railway station* or Northland, East Preston tram terminus*, La Trobe University, Greensborough railway station*.
 - (iii) Regent railway station* or Northland, East Preston tram terminus*, La Trobe University, Watsonia railway station*, North Watsonia.

The majority of Dyson's services do not enter the campus.

4. Mees' Bus Lines route:
East Rosanna (corner of Graham and Warren roads), Macleod railway station*, La Trobe University.

Rail

1. Princes Bridge to Heidelberg and Hurstbridge railway line. Bus services depart from Ivanhoe, Macleod, Watsonia and Greensborough railway stations for La Trobe University.
2. Princes Bridge to Reservoir and Epping railway line. Buses link Regent railway station with La Trobe University.

Tram

Bourke Street to East Preston tram line. Buses link the East Preston tram terminus with La Trobe University.

ADMINISTRATION INFORMATION

Undergraduates — Admission to a Course

Entrance Requirements

A prospective student must satisfy, or be exempted from, the university entrance requirements specified by the Victorian Universities and Schools Examinations Board.

In exceptional circumstances consideration may be given to an application for admission by a person who has not passed the English expression paper in the higher school certificate examination but has obtained meritorious results in other subjects (including any prerequisite subjects specified for a School) in that examination.

The current edition of the Board's handbook is available from the Secretary, Victorian Universities and Schools Examinations Board, 437 St. Kilda Road, Melbourne, 3004.

In addition to the requirements specified in the handbook a prospective student seeking admission on the basis of the mature age provisions (that is not less than 35 years of age) must have passed English expression at the Victorian higher school certificate examination or a special test in English and two subjects at the Victorian higher school certificate examination in accordance with the requirements specified for admission to the particular school. Although the Schools of Social Sciences and Humanities do not have course prerequisites, it is suggested that an intending student choose higher school certificate subjects appropriate to those disciplines in which he will seek enrolment. It should be noted however that, in respect of the School of Social Sciences, a candidate is unlikely to gain selection if he has presented for two foreign languages, two science subjects or has included biblical studies or any of the music subjects.

Course Prerequisites — 1972

The details below refer to passes in the Victorian matriculation or higher school certificate examination.

School of Agriculture. A pass in chemistry and either physics or a branch of mathematics.

School of Biological Sciences. A pass in chemistry and in any one subject from physics, biology or a branch of mathematics.

School of Humanities. There are no degree course prerequisites.

School of Physical Sciences. A pass in one of the following combinations of subjects:

- (a) Any two of chemistry, physics, pure mathematics, calculus and applied mathematics,
- (b) General mathematics and either chemistry or physics.

School of Social Sciences. There are no degree course prerequisites. Details of subject prerequisites are included under subject headings and within the Table of Subjects.

How to Apply

Application forms have been distributed to all Victorian secondary schools presenting candidates for the higher school certificate examinations. A prospective student who is not attending a Victorian secondary school may obtain the appropriate form from the Secretary, Victorian Universities Admission Committee, 450 St Kilda Road, Melbourne, 3004.

An application fee of \$6.00 must be submitted with the form. All applications submitted by 29 October will be acknowledged in December. An applicant who seeks advice about studies completed elsewhere should contact the Student Administration branch (telephone 478 3122, extension 2004) in the first instance.

Acceptance of an Offer

Acceptance of an offer must be made promptly. When accepting the offer, a student is required to:

- (a) discuss the proposed course with an adviser of studies,
- (b) complete the registration forms prescribed for that year,
- (c) pay part of the annual fees or produce evidence of a scholarship,
- (d) have a photograph taken for, and subsequently collect, student card.

Undergraduates — Continuing Enrolment

A student who wishes to continue a course commenced in any School except Agriculture in 1972 must seek an interview with an adviser of studies. Details of arrangements for interviews will be posted on the official notice board during October.

A student in the School of Agriculture is not required to attend an interview with an adviser of studies, however the enrolment application should be forwarded through the office of the dean by mail or personally if preferred.

Completion of the enrolment procedure requires:

- (a) submission of the prescribed forms through the office of an adviser of studies, except in the case of the School of Agriculture (see above),
- (b) payment of part of the annual fees or production of evidence of a scholarship not later than 10 March 1972,
- (c) notification of a residential address for office correspondence by 10 March 1972,
- (d) presentation of the student card to the Student Administration branch for updating.

An application for enrolment may be rejected if fees or other monies owing from the previous year of enrolment are not paid.

Postgraduates

Admission to a Course

Details of the application procedure and the appropriate forms are available from the Graduate Studies office.

An applicant who is accepted as a candidate will be advised of the registration procedure in the letter notifying the approval and terms of candidature.

Continuing Enrolment

A student who is expected to continue a candidature in 1972 will be sent enrolment papers, by post, in December of 1971.

If a student expects to complete all the requirements specified in respect of his candidature before 31 March 1972 he need not re-enrol. The student should, however, advise the Graduate Studies office of the expected completion date.

Fees

The scale of fees for 1972 and details of the fees procedure will be issued to each student as a separate booklet.

Refund of Fees

If a notice of withdrawal is received before the end of the first week of first, second or third term, the fees paid for that term will be refunded. A student who formally completes the withdrawal procedure after the end of the first week and before the end of the fourth week of first or second term may receive a refund of part of the fees paid for that term in which the withdrawal is effected.

A refund will not be made until the student card has been returned. The fees payable are calculated on the following basis for the term in which the withdrawal is made.

First and Second Term

End of first week — no fees.

End of second week — 25 per cent of fees.

Up to end of fourth week — 50 per cent of fees.

After end of fourth week — full fees.

Third Term

End of first week — no fees.

After end of first week — full fees.

Note: There is no refund of fees made in respect of a withdrawal effected after the end of the first week of third term.

Examinations

A student may present for the annual examination in any subject for which he has maintained an effective enrolment — i.e. registered, paid all fees — and where his progress during the year has been considered satisfactory.

A provisional examination timetable is published towards the end of second term to enable possible examination session clashes to be

checked. The final examination timetable is available for collection from the Student Administration branch towards the end of September.

A student who considers that his performance in examinations has been or will be impaired by illness or other causes may seek special consideration by submitting the appropriate application together with appropriate medical evidence and other supporting statements. The forms are available from the Student Administration branch.

The pass grades adopted by the University for the final assessment of each undergraduate pass or honours subject are:

- A — 80 to 100
- B — 70 to 79
- C — 60 to 69
- D — 50 to 59
- P — Ungraded pass
- NC — Pass conceded

In certain cases, an aegrotat pass may be awarded. This is indicated by an asterisk immediately following the grade — eg. D*. Other grades are detailed on the memorandum of results.

Annual examination results (pass grades only) are posted on the official notice board.

The final assessment of honours year work may be one of:

- H1 — First class honours
- 2A — Second class honours, division A
- 2B — Second class honours, division B
- H3 — Third class honours

The grades awarded for masters degrees are:

- | | | |
|---------------------|---|----------------------|
| Master of Arts | } | First class honours |
| or | | Second class honours |
| Master of Economics | } | Pass |
| Master of Education | | |
| or | | |
| Master of Science | | Pass |

Class Timetables

A timetable for lectures and laboratory is produced towards the end of the preceding year. Continuing students should consult this timetable before selecting subjects for the current year. Amendments to the timetable are posted on the official notice board. Revised editions of the timetable are generally produced for second and third terms. Copies of the timetable are available from the Student Administration branch.

Variation of 1972 Course

An accepted enrolment may be varied by the deletion of a subject (or subjects) and the inclusion of another subject or subjects, alteration of a course or a transfer from one School to another. A student may request permission to vary his enrolment up to 31 March. To do so he must complete a 'variation of 1972 course' form. Copies of this form will be available from the advisers of studies. The completed form must be returned to an adviser of studies.

Withdrawal of Enrolment

A student may apply to withdraw an enrolment by completing a 'withdrawal of 1972 course' from which is available from the advisers of studies or the Student Administration branch.

A withdrawal is not effective until the end of the week in which the form, together with the student card, is received at the Student Administration branch. Fees are assessed up to this time.

A withdrawal will be recorded as:

K1 — First term

K2 — Second term

K3 — Third term

A withdrawal will be recorded as a failure at the discretion of the chairman of examiners for that subject if the department concerned has already offered the major part (normally two thirds) of the content of the subject. A student may submit reasons in support of a request that a withdrawal in a subject be not counted as a failure.

Residential Address for Official Correspondence

The University requires a current residential address for official correspondence. An address such as C/- P.O. Box 12 is not acceptable; a non-resident student may not specify a college address.

A change of this address must be submitted to the Student Administration branch on a 'change of address' form. A student must also submit his student card at this time so that the address on the jacket may be altered.

Student Card

Each student will be issued with a student card. The card is issued during the first year of enrolment and updated each year thereafter while the student concerned remains at the University.

It is part of the registration procedure to have a photograph taken during the first year; the student card is a photographic by-product of this process. Failure to present this card, when requested, may cause inconvenience to the student concerned. The card must be returned to the Student Administration branch for amendment if a student changes his address. If the card is lost, the loss should be reported to the Student Administration branch without delay. A new card may be obtained at a fee of \$1.00. A damaged jacket will normally be replaced free of charge.

Without a current student card a student may not be permitted to use the University library.

Official Notice Board

The official notice board is located on the eastern wall of the first level of the library. Students are advised to inspect the official notice board at least once every week of each term.

Annual examination results (pass grades only) are posted on this notice board.

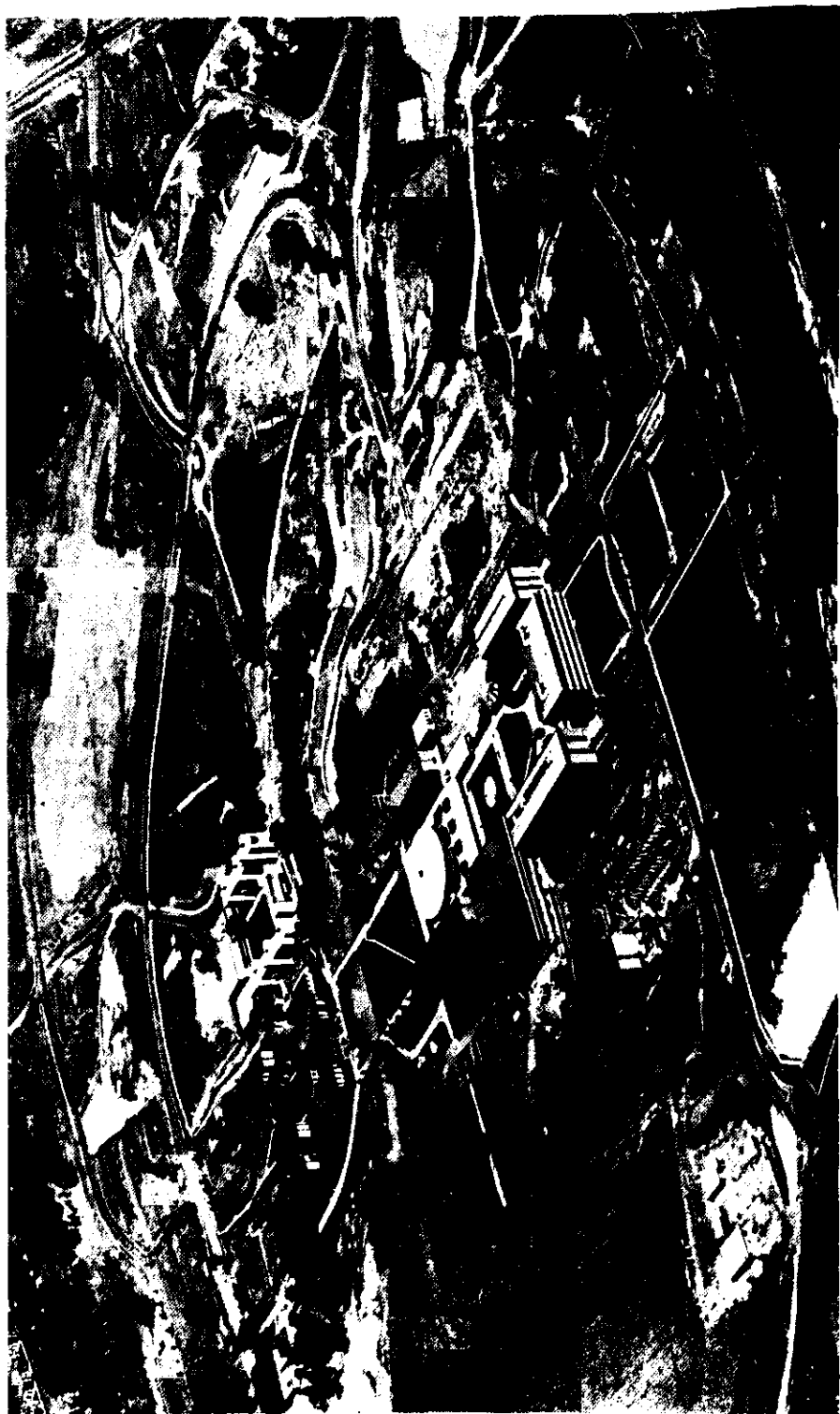
ARMORIAL BEARINGS



The official description of the University's armorial bearings is "For the Arms, Argent, a chaplet of common heath proper tied azure and circling in chief a Book expanded also proper leathered Gules, over all on a fesse of the last three Escallops Silver, and for the Crest on a Wreath Argent and Gules a Parchment Scroll perched thereon an Australian Wedgetailed Eagle, wings addorsed and inverted proper, the dexter claw supporting an Escallop of the Arms. The Mantling is Gules doubled Argent and the Motto — 'Qui cherche trouve'".

Australia is represented by the wedge-tailed eagle and Victoria by the sprigs of heath, the State's floral emblem. The open book symbolises learning and the scallop shells, which symbolise pilgrimages, are a reference to the armorial bearings of the La Trobe family.

The French motto "Qui cherche trouve" (He who seeks will find) is a modern version of the La Trobe family motto.

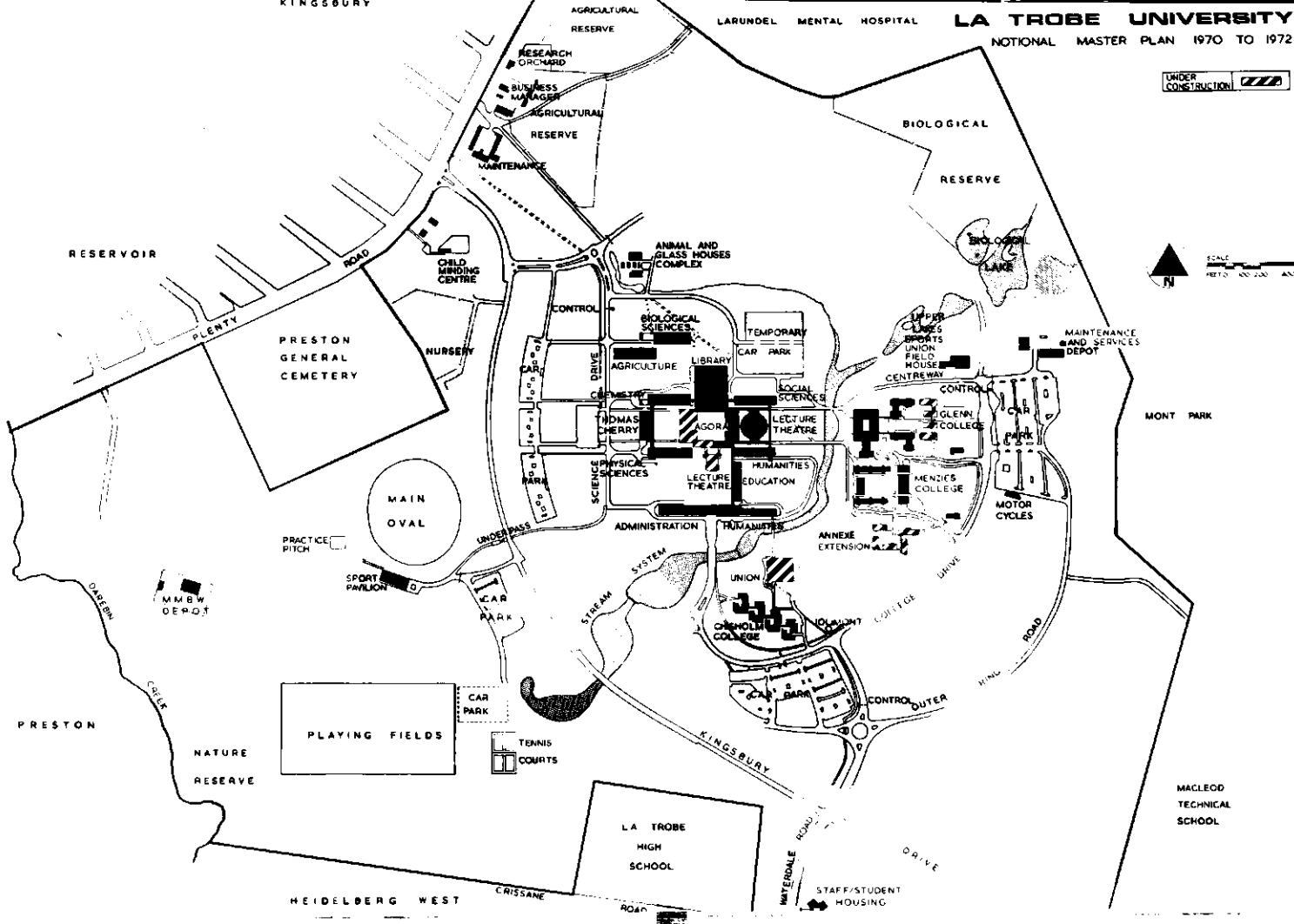


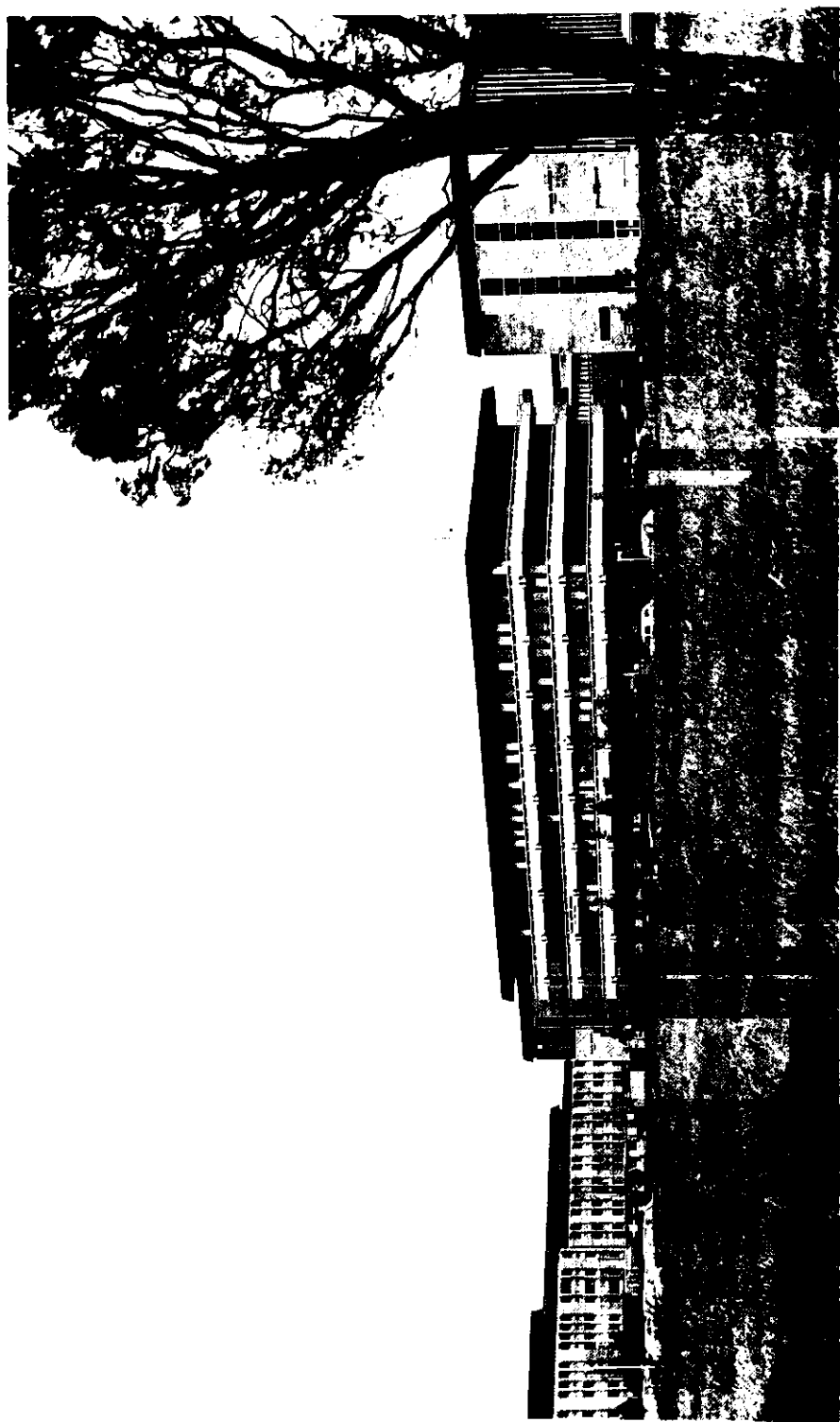
NOTIONAL MASTER PLAN 1970 TO 1972

UNDER
CONSTRUCTION



SCALE
FEET 0 100 200





The science buildings



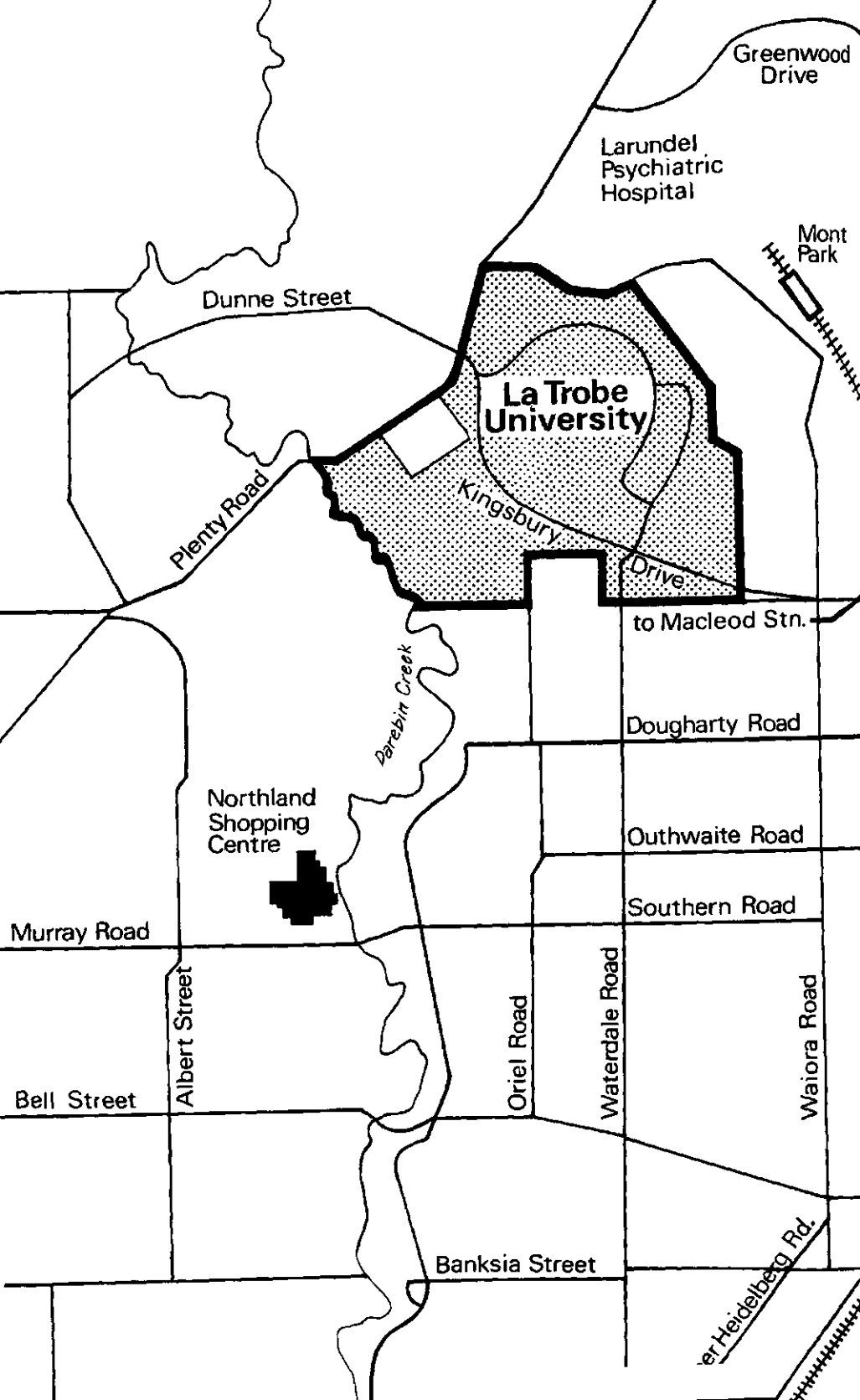
Thomas Cherry fountain



Glenn and Menzies colleges



University flats



Greenwood Drive

Larundel Psychiatric Hospital

Mont Park

Dunne Street

La Trobe University

Plenty Road

Kingsbury Drive

to Macleod Stn.

Dougharty Road

Northland Shopping Centre

Outhwaite Road

Southern Road

Murray Road

Bell Street

Albert Street

Oriel Road

Waterdale Road

Waipara Road

Banksia Street

Heidelberg Rd.

Darebin Creek

BA, BEC

PART II: THE BACHELOR'S DEGREE — SCHOOL REQUIREMENTS AND CHOICE OF SUBJECTS

The Schools of Humanities and Social Sciences offer courses leading, at both the pass and honours levels, to the degree of Bachelor of Arts: in addition, the School of Social Sciences offers pass and honours courses leading to the degree of Bachelor of Economics. Though a BA can be taken in either School, the regulations and courses for it differ in the two cases. Students are therefore urged to read with care the explanations set out below of degree requirements and course patterns for the School in which they plan to enrol.

For an intending BA student, the choice of School will depend mainly on what he wishes to take as his 'major' study, the major being the discipline in which in most cases at least half a student's work will be done. A full description of the range of disciplines available as majors in each School is set out in the special sections below. To avoid one source of confusion it should especially be observed that three disciplines, history, mathematics and philosophy, are available in both the Schools of Humanities and Social Sciences but that the possible combinations for intending majors in these fields are different in each case. Thus a student who wishes to combine a major in history, mathematics or philosophy with a study of English or modern languages should enrol in Humanities; on the other hand, a major in history, mathematics or philosophy combined with economics, politics or sociology could be taken in Social Sciences.

'Progress requirements' laid down by each School stipulate certain minimum achievements necessary before a student may continue his studies after the first year. These requirements are administered by School progress committees, and are set out in appendix A.

Each School appoints academic advisers of studies, whose approval is required before a student's proposed pattern of enrolment is accepted, and who are available throughout the year to advise students on problems which may arise concerning their course structure. Advisers may be contacted through the appropriate dean's office.

The advisers of studies for 1972 are as follows:

School of Humanities:

Mr A. A. Barta, Mrs. S. M. Hancock, Mr B. Scarfe (all first-year subjects)

Dr J. B. Hirst (history)

Dr A. Frost (English)

Mr F. Rodriguez (modern languages)

Mr R. Pargetter (philosophy)

School of Social Sciences:

Dr D. Hickman, Miss S. Lauderdale (sociology)

Mr M. Schneider, Miss H. Jemison (economics)

Mr K. Good, Mr T. Polis (politics)

School of Education:

Mr L. F. Claydon

Mr S. Oates

Mrs G. L. Wesson

SCHOOL OF HUMANITIES**The Pass Degree**

For the Bachelor of Arts pass degree, a student must complete a course of subjects having a total work value of nine units (a unit is a measure of work value; each subject is allocated a number of units indicating its work value as laid down by the department which teaches it. The unit value of each subject taught in the School is set out in the table of subjects, on pp. 177 ff. of this handbook). The course is designed to be completed in three years of full-time study, though part-time study is also possible. Stipulations as to the time allowed for completion of full-time or part-time degrees are fully set out under 'Academic Progress Rules', on p. 175 of this handbook.

Three units are normally taken at each of the student's three year levels and these units must be so arranged that a major of five or six units is taken from one of the disciplines or areas of study offered by the School. Up to seven units may be taken by a student majoring in mathematics. Six disciplines are available as majors: English, French, history, mathematics, philosophy and Spanish. At present four areas of study are offered: Latin American studies, North American studies, Romance languages, and philosophy of science.

In the normal course pattern, a student takes at first-year level three subjects with a total work value of three units. The field or area of study in which he wishes to major is chosen at the end of first year. Subjects with a total work value of three units are then taken at each of the second and third-year levels. At second-year level two, and at third-year level two or three of the units taken are chosen from those available in the field in which the student is majoring. The following samples (only three of many possible combinations) serve to illustrate how course structures may be arranged:

1. A sample major in Spanish:

First-year level: Spanish I, English I, History/Sociology I*Second-year level:* Spanish IIA, Spanish IIB, History IIA*Third-year level:* Spanish IIIA, Spanish IIID, History IIIB

2. A sample major in philosophy:

First-year level: Philosophy I, History IA, Politics I*Second-year level:* Philosophy IIC (half unit), Philosophy IID (half unit), History IIA, Politics II*Third-year level:* Philosophy IIIA, Philosophy IIIG (half unit), Philosophy IIIP (half unit), Philosophy IIIE (half unit), Philosophy IIIL (half unit)

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3. A sample major in *Latin American studies*:

First-year level: Spanish I, History-Sociology I (Mexico), Philosophy I

Second-year level: Spanish IIB (practical Spanish, Latin American literature, introduction to Spanish phonetics and Romance linguistics, the biology of human populations), History-Sociology II (Brazil), Philosophy II

Third-year level: Spanish IIIA (Spanish language and Latin American literature), Spanish IIID (Siglo de Oro Spanish literature), Spanish IIIE (Portuguese I)

It should be noted that, while the major must be taken from a discipline or area of study offered by the School of Humanities, some supporting subjects may be taken from the offerings of other Schools. This matter is further explained under 'Choice of Subjects', below.

Certain general provisions apply to all courses. At the first-year level, a student may not take subjects in any one discipline totalling a work value of more than one unit, except in mathematics, where up to two units may be taken. The course as a whole must not include subjects from any one discipline having a total work value of more than six units, although, as stated above, students majoring in mathematics may take up to seven units in that discipline. A student may not, except with permission of the School, in any one year attempt subjects which have a total work value of more than three units. He may not enrol for a subject at second-year level unless he has completed or is currently enrolled for subjects which would complete the first year of his course, or enrol for any subject without having completed the prerequisites for that subject. At first-year level, a student must take one unit in a subject other than language or literature, unless he secures special permission to do otherwise.

Completion of a subject requires satisfactory performance at the annual examination as well as attendance at such lectures and tutorials and completion of such exercises and laboratory work as may be required. If a student has not complied with the requirements for any subject, he may be refused admission to the annual examination in that subject.

Bachelor of Arts — Diploma in Education

After completion of the first year of the BA degree course in the School, students may take a concurrent course which will enable them to qualify for the degree of Bachelor of Arts and the Diploma in Education. This involves an additional year of study, and some modification of the course patterns described above. For details of education courses see the entries in the handbook under School of Education.

A student who qualifies at this University for the degree of Bachelor of Arts may also apply to the School of Education for admission to the one-year course for the Diploma in Education.

Choice of Subjects

First Year

In his first year, a student takes three units at first-year level. At least two of these must be first-year units of the School of Humanities. The subjects from which these can be chosen are (each has a value of one unit): English I, French I, History IA, IB, IC, ID, IE, Mathematics IA, IB or IC, Philosophy I, and Spanish I.

A student's third unit could be another of the above subjects, or any other first-year subject offered in the University (except Social Sciences IA-IB). This third unit could even be an approved complementary course from another university.

Students should note that a first-year history unit and History-Sociology I cannot be taken together, nor can more than one first-year unit be taken in any discipline except mathematics, in which up to two units may be taken.

Some subjects from other Schools commonly taken by humanities students include: Politics I, Economics I, Sociology I, Biology IA or IB, History-Sociology I, Legal Studies I, Psychology I, Physical Sciences IT.

Second and Third Year

In the second and third years a student takes subjects of six-units work value: three at second-year level and three at third-year level. These include four or five units towards a major in a chosen discipline or area of study, at least two of which must be at third-year level.

The other units may be chosen from any discipline or disciplines, providing prerequisites are satisfied. A student may apply for permission to take subjects from another School, or even complementary courses from another university.

Two general requirements for second and third-year enrolments are that students may not take more than three units in any year without special permission, and that a student cannot enrol for a subject at second-year level unless he has completed or is currently enrolling for subjects which would complete the first year of his course.

Students seeking permission to follow a special pattern of enrolment should in the first instance seek the advice of the dean's assistant.

The Honours Degree

The course for the degree with honours consists of subjects meeting the requirements for the pass degree with

- (a) such additional studies in the second and third years of the courses as may be prescribed by the Board of Studies of the School, and
- (b) a fourth year in the major study, unless permission is given for a course to be taken in a complementary subject with the approval of the chairmen of departments concerned.

Except in the case of mathematics a student will normally be admitted to an honours course at the beginning of his third year.

For further details of honours courses, students should consult the appropriate subject and area of studies entries in this handbook.

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SCHOOL OF SOCIAL SCIENCES

Courses of study in the School of Social Sciences have been designed with three objectives particularly in mind: to give comprehensive training in the major, to ensure a substantial knowledge of some other aspects of the social sciences, and to help the student to move through his degree course in a progressive way so that he feels throughout that it has coherent meaning.

As in the School of Humanities, courses for a pass degree are designed to be completed in three years full-time, but they can also be taken part-time. See departmental entries for further information concerning honours courses.

Enrolling for Courses

Before enrolling, students selected for admission and re-enrolling students should carefully read the relevant sections of this handbook and any supplementary instructions provided.

A wide variety of subjects is available. Some of the School's disciplines may not be familiar from secondary school experience, for example, politics and philosophy, and some of the subjects known by titles like Social Sciences IA or Social Sciences IB. Information on the content of subjects is set out in later sections of this handbook.

The choice of first-year subjects, which form the basis of the degree as a whole, is important. The School's advisers of studies are available to help students to decide, but this advice will be of greater value if students have already made themselves familiar with the range of subjects and considered what their fields of interest are likely to be.

Before enrolling, or re-enrolling, all students must attend an interview with an adviser of studies and obtain signed approval for the subject selected. Enrolment cannot be completed until this is done.

Course Changes

A student may not transfer from one subject to another later than three weeks after the commencement of the subject. (This applies to half units as well as to full units.)

Advisers of studies must be consulted by students who are contemplating a change in course (including dropping a subject), or contemplating withdrawal from the University.

Withdrawal from a full-unit enrolment may be counted as a failure if the withdrawal is effected later than the last day of second term. Withdrawal from a half-unit enrolment may be counted as a failure if the withdrawal is effected:

- (a) in the case of a half unit starting at the beginning of the year, later than the end of the first week in second term;
- (b) in the case of a half unit starting in mid-year, later than the end of the first week in the third term.

Whether such withdrawals will or will not be counted as failures will be decided by the chairmen of examiners.

The Bachelor of Arts Degree

The Pass Degree

For the Bachelor of Arts pass degree, a student must complete a course of subjects having a total work value of nine units. The course is designed to be completed in three years of full-time study, though part-time study is also possible. Stipulations as to the time allowed for completion of full-time or part-time degrees are fully set out under 'Academic Progress Rules', on p. 176 of this handbook.

Three units are normally taken at each of the student's three year levels and these units must be so arranged that a major of exactly five units is taken from one of the following disciplines offered in the School: economics, history, legal studies, mathematics, philosophy, politics, sociology. Interdepartmental (social sciences) units are available as single subjects in first year and third year.

In the normal course pattern, a student takes at first-year level three subjects with a total work value of three units. The field in which he wishes to major is chosen at the end of first year. Subjects with a total work value of three units are then taken at each of the second and third-year levels. At second-year level two, and at third-year level two or three of the subjects taken are chosen from those available in the field in which the student is majoring. The following sample serves to illustrate how a course structure may be arranged (in this case the student will major in history):

First-year level: History IB, Politics I, Economics I

Second-year level: History IIB, History IIG (half unit), History IIH (half unit), Politics IIA

Third-year level: History IIIC, History IIIA (half unit), History IIIE (half unit), Politics IIIA

Only disciplines offered within the School of Social Sciences may be taken, with the following exceptions: psychology can be taken, but not as a major, and a first-year modern languages unit may be taken in place of a second-year social sciences subject with special permission of the dean.

Certain general provisions apply to all courses. At first-year level students may not take subjects in any one discipline totalling a work value of more than one unit except in the case of mathematics for which the student may enrol in one and a half units. The maximum total work value normally permitted at any level is three units. The rules governing special cases are outlined under 'Academic Progress'.

A student may not enrol for any subject at one level until he has completed or is concurrently enrolled to complete the requirements for the previous level of his course.

At first-year level students must choose at least one unit from the following disciplines: economics, legal studies, politics, sociology.

Completion of a subject requires satisfactory performance at the annual examination as well as attendance at such lectures and tutorials

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and completion of such exercises and laboratory work as may be required. If a student has not complied with the requirements for any subject, he may be refused admission to the annual examination in that subject.

Students should also consult any supplementary instructions issued before enrolling or re-enrolling.

Bachelor of Arts — Diploma in Education

After completion of the first year of the BA degree course in the School students may take a concurrent course which will enable them to qualify for the degree of Bachelor of Arts and the Diploma in Education. This involves an additional year of study, and some modifications of the course patterns described above. For details of education courses see the entries in this handbook under School of Education.

A student who has qualified at this University for the degree of Bachelor of Arts may apply to the School of Education for admission to the one-year course for the Diploma in Education.

Choice of Subjects

First Year

In his first year, a student takes three units at first-year level. At present the following units are offered in the School: *Economics I, History IA, IB, IC, ID, IE, IF, *History-Sociology I, *Legal Studies I, Mathematics IA, IC, Philosophy I, *Politics I, Social Sciences IA/IB, Social Sciences IA/Mathematics IBI, *Sociology IA, IB.

At least one unit must be chosen from those marked with an asterisk*.

The following combinations are not possible:

History-Sociology I and any other history unit;

History-Sociology I and any other sociology unit;

Social Sciences IA/IB and Social Sciences IA/Mathematics IBI;

Mathematics IC and Social Sciences IA/Mathematics IBI.

Not more than one unit can be chosen from any one discipline except that a student may enrol for Mathematics IA and Social Sciences IA/Mathematics IBI to fulfil the prerequisites for second-year level mathematics units.

Students should note that it is possible to take Psychology I in the School of Behavioural Sciences.

Students intending to major in economics are advised to take either Mathematics IA or Mathematics IC or Social Sciences IA/IB. Students taking Mathematics IA or IC are strongly advised not to take Social Sciences IA/IB.

Students are advised to select first-year subjects in such a way as will permit some choice between majors at the completion of first year (for instance the selection of the following combination would permit the student to major only in sociology: Sociology IA, Psychology I, Social Sciences IA/IB).

To proceed to the second-year unit in any discipline students must have passed a unit in that discipline at the first-year level, except that

a student who has passed Politics I is permitted to enrol for a history unit at second-year level. A student should ensure that he has the prerequisite for second-year units in the discipline in which he considers he is likely to major.

Note that Social Sciences IA is a half unit which can be combined with either Mathematics IBI or Social Sciences IB.

Second Year

In second year a student takes subjects totalling three units work value. These include subjects of exactly two units work value in the discipline chosen as a major. The third unit may be chosen from second-year subjects offered in other disciplines in the School for which the student has the prerequisites, except that no student may take all three units at second-year level from history, philosophy and mathematics.

Requirements for students who have been enrolled for second-year subjects before 1971 without completing second year have been communicated to the students concerned.

A student may not enrol for a subject at second-year level unless he has completed or is concurrently enrolled for subjects which would complete the first year of his course. Prerequisites for the subjects offered in second year are indicated under the departmental entries.

By special permission of the dean a student may choose as his third second-year level unit (not as part of the major) a first-year unit offered in the School of Social Sciences or a modern-languages unit offered in the School of Humanities.

Third Year

During third year a student takes subjects totalling three units work value. These include subjects of exactly two units work value in the discipline chosen as a major. The third unit may be chosen from third-year subjects offered in other disciplines in the School for which the student has the prerequisites or from the third-year level inter-departmental subjects (listed under Social Sciences). The inter-departmental subjects are offered in co-operation by two or more departments.

A student may not enrol for a subject at third-year level unless he has completed or is concurrently enrolled for subjects which would complete the second year of his course. Prerequisites for the subjects offered in the third year are indicated under the departmental entries.

The Honours Degree

The honours degree will entail a fourth year of more advanced study, and in the second and third years extra work may be required of honours students. A student will not have to decide in his first year whether he wishes to take honours. For further details of honours courses, students should consult the appropriate subject entries in this handbook.

BA, BEC

Pass Degree in Both Arts and Economics

A student who has been awarded either the Bachelor of Arts or the Bachelor of Economics degree may complete the other degree by undertaking an approved course equivalent to a further two years of full-time study.

The Bachelor of Economics Degree

The Pass Degree

For the Bachelor of Economics pass degree, a student must complete a course of subjects having a total work value of nine units. The course is designed to be completed in three years of full-time study, though part-time study is also possible. Stipulations as to the time allowed for completion of full-time or part-time degrees are fully set out under 'Progress Requirements'.

Three units are normally taken at each of the student's three year levels and these units must be so arranged that a major of exactly five units is taken from economics. However, if he wishes a student may count certain second and third-year mathematics subjects as economics subjects to make up the major.

Apart from economics, the following disciplines are available in the School: history, legal studies, mathematics, philosophy, politics and sociology. Interdepartmental (Social Sciences) units are available as single subjects in first year and third year. Students should note that they may also take Psychology I which is offered by the School of Behavioural Sciences. With that exception, only disciplines offered within the School may be taken.

At first-year level a Bachelor of Economics student must take Economics I. He must also take Social Sciences IA/IB unless he takes Mathematics IA or Mathematics IC. (A student taking Mathematics IA or Mathematics IC is strongly advised not to take Social Sciences IA/IB, but he may take a unit consisting of Social Sciences IA and Mathematics IBI.)

The third first-year unit must be one offered at first-year level by a discipline within the School other than economics. For a student taking Social Sciences IA/Mathematics IBI, this third unit must be Mathematics IA. In other cases a student may not take more than one unit from a discipline.

At second-year level a BEc student must take second-year economics subjects to a work value of two units, which must include Economics IIA (two half units). The third unit must normally be a second-year unit offered by a discipline within the School other than economics. In some circumstances, however, a second-year student may, with the permission of the Dean, take a first-year unit offered in the School.

At third-year level, a BEc student must take third-year economics subjects to a work value of two units, which must include Economics IIIA. The third unit must be a third-year interdepartmental subject.

The following sample serves to illustrate how a course structure may be arranged:

First-year level: Economics I, Social Sciences IA/IB, Politics I.

Second-year level: Economics IIA, Economics IIC, Economics IIE, Politics IIA.

Third-year level: Economics IIIA Economics IIIC, Economics IIIE, Social Sciences IIIB.

The maximum total work value normally permitted at any level is three units. The rules governing special cases are outlined under 'Academic Progress'.

A student may not enrol for any subject at one level until he has completed or is concurrently enrolled to complete the requirements for the previous level of his course.

Completion of a subject requires satisfactory performance at the annual examination as well as attendance at such lectures and tutorials and completion of such exercises as may be required. If a student has not complied with the requirements for any subject, he may be refused admission to the annual examination in that subject.

Further information about economics courses is given in the 'Disciplines' section. Before enrolling or re-enrolling a student should consult any supplementary instructions which may have been issued.

Bachelor of Economics — Diploma in Education

After completion of the first year of the BEc degree course in the School, a student may take a concurrent course which will enable him to qualify for the degree of Bachelor of Economics and the Diploma in Education. This involves an additional year of study, and some modification of the course patterns described above. For details of education courses see the entries in this handbook under School of Education.

A student who has qualified at this University for the degree of Bachelor of Economics may apply to the School of Education for admission to the one-year course for the Diploma in Education.

Choice of Subjects

First Year

In his first year, a student takes three units at first-year level. At present the following units are offered in the School: Economics I, History IA, IB, IC, ID, IE, IF, History-Sociology I, Legal Studies I, Mathematics IA, IC, Philosophy I, Politics I, Social Sciences IA/IB, Social Sciences IA/Mathematics IBI, Sociology IA, IB.

For a BEc student, one of the three units must be Economics I. He must also take Social Sciences IA/IB unless he takes Mathematics IA or Mathematics IC. He cannot take both Social Sciences IA/IB and Social Sciences IA/Mathematics IBI, or both Mathematics IC and Social Sciences IA/Mathematics IBI. He is strongly advised not to take both Social Sciences IA/IB and Mathematics IA or IC.

Not more than one unit can be chosen from any one discipline except that a student may enrol for Mathematics IA and Social Sciences

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IA/Mathematics IBI to fulfil the prerequisites for second-year level mathematics units.

To proceed to the second-year unit in any discipline students must have passed a unit in that discipline at the first-year level, except that a student who has passed Politics I is permitted to enrol for a history unit at second-year level.

Note that Social Sciences IA is a half unit which can be combined with either Mathematics IBI or Social Studies IB.

A mathematics unit would be very valuable to any student of economics; for some important branches of economics in which a student may later wish to specialize, a knowledge of mathematics is essential.

Second Year

In his second year, a student takes subjects to a work value of three units, of which one unit must be Economics IIA (two half units); a further unit (usually in the form of two half units) is selected from other second-year economics subjects. The third unit must normally be a second-year unit, for which the student has the prerequisites, offered by a discipline within the School other than economics. (In some circumstances, however, a second-year student may, with the permission of the dean, take a first-year unit offered in the School.)

A student may not enrol for a subject at second-year level unless he has completed (or is concurrently enrolled for) subjects which would complete the first year of his course. Prerequisites for the subjects offered in second year are indicated in the economics and other departmental entries.

Requirements for students who have enrolled for second-year subjects before 1971 without completing second year have been communicated to the students concerned.

Third Year

In his third year, a student takes third-year economics subjects to a work value of two units, which must include the full-unit subject Economics IIIA.

Apart from mathematics subjects which may be counted as economics, the other third-year subjects from which the remaining economics unit must be drawn are at present Economics IIIB (a full unit) and Economics IIIC-G (all half units).

The third unit in the third-year course must be selected from the interdepartmental subjects Social Sciences IIIA-E.

A student may not enrol for a subject at third-year level unless he has completed (or is currently enrolled for) subjects which would complete the second year of his course. Prerequisites for the subjects offered in third year are indicated in the economics and other departmental entries.

The Honours Degree

The honours course requires an extra year of full-time study. To a great extent the first three years of the honours course are the same as

the pass course, and it is not necessary for a student to decide in his first year whether he wishes to take honours. However, a student should give notice of his wish to take an honours course as early as possible.

In the second and third year extra work may be required of an intending honours student. In third year, he is strongly advised to take at least one of Economics IID and Social Sciences IID. Also in third year he is strongly advised (unless he has studied mathematics at university level or taken Economics IIG) to take Economics IHH as part of Economics IIIA (in place of that part of Economics IIIA dealing with particular problems of economic policy).

Admission to the final honours year depends on performance during the three years of the pass degree. The normal criteria for assessing this performance are listed below.

CRITERIA FOR ENTRY TO FOURTH-YEAR HONOURS COURSE

First Criterion

A student will be eligible if in third year he got at least two Bs, or one B and two Cs, in full units; or the equivalent, where half units are taken.

Second Criterion

In other cases eligibility will be assessed as follows:

1. Economics units and half units (including interdepartmental units and mathematical units — in the sense of full subjects — regarded as part of the economics course):

A = 3 points in the case of a unit, $1\frac{1}{2}$ points in the case of a half unit.

B = 2 points in the case of a unit, 1 point in the case of a half unit.

C = 1 point in the case of a unit, $\frac{1}{2}$ point in the case of a half unit.

2. Other units and half units, except Social Sciences IA/IB:

A or B = 1 point per unit or $\frac{1}{2}$ point per half unit.

3. A student will require for admission to the honours course at least 6 points, including at least one A or B in an economics unit.

CHOICE OF SUBJECTS

A fourth-year BEc student is required to write a long essay on a subject giving scope for both critical appraisal and constructive thought. In order to start work on the long essay he is required to return to the University at the beginning of February.

Apart from the long essay, the fourth year involves course work to the value of three and a half units. Of these, two must be the full-unit subjects Economics IVA and IVB. The remainder are to be made up from the subjects Economics IVC-M, all of which are half units.

Pass Degree in Both Arts and Economics

A student who has been awarded either the Bachelor of Arts or the Bachelor of Economics degree may complete the other degree by undertaking an approved course equivalent to a further two years of full-time study.

GRADUATE STUDIES

PART III: GRADUATE STUDIES

In 1972 a number of students will be accepted for graduate studies. Graduates may apply at any time to be admitted as candidates for the degrees of Master of Arts, Master of Economics, Master of Education or Doctor of Philosophy. An appropriate honours degree will normally be the preliminary requirement for admission to any postgraduate degree course. In some disciplines it may be possible to complete the work for the master's degree by thesis, by course work, or by a combination of the two. In most disciplines it is possible to read for a master's degree on a part-time basis.

Persons seeking enrolment for a higher-degree course should first contact the chairman of the appropriate discipline to discuss their particular research interests, as consideration of an application for a higher-degree course will depend on the availability of facilities and suitable supervisors. The candidature of each prospective student must be approved by the appropriate higher-degree committee before the student can be admitted to the university.

Further information on the fields of research pursued and the facilities available appears under descriptions of the appropriate disciplines.

PART IV: DISCIPLINES AND AREAS OF STUDY

The following pages contain details of the disciplines in which subjects are offered. The disciplines are listed in alphabetical order. Examination requirements, lectures and other work requirements and information on postgraduate studies are all included. Asterisked books are those available in paperback editions. Details of incompatible, companion and prerequisite subjects are set out in the table of subjects.

The handbook relating to the Schools of agriculture, biological sciences and physical sciences contain the details of the disciplines offered in those Schools.

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In the first year there is only one economics subject, Economics I, described below, which is a prerequisite for all further studies in economics. (It should be noted that a mathematics subject would be very valuable to any student of economics; for some important branches of economics in which a student may later wish to specialize a knowledge of mathematics is essential.)

A student proceeding with economics at second-year level must choose a half, one, one and a half or two units in economics. If he is majoring in economics (and normally therefore taking the Bachelor of Economics degree) he must take economics subjects to a work value of two units, of which one unit must be Economics IIA (two half units).

To make up an economics major, Mathematical Statistics II, Pure Mathematics II, Applied Mathematics II, or General Mathematics II may be counted as an economics unit. (However, Mathematical Statistics II is incompatible with Economics IIB (economic statistics), and Economics IIH (introductory mathematics for economists) is incompatible with any mathematics subject. Economics IIH is also incompatible with Economics IIG (mathematical economics).)

Second-year subjects offered by the Economics Department, Economics IIA—H, are described below.

In his third year, a BEc student must take Economics IIIA, an additional economics (or mathematics) unit or two half units, and a third-year interdepartmental subject. The subjects Economics IIIA—G are described below. The interdepartmental subjects, Social Sciences IIIA—E, are described on pages 139 to 141.

Satisfactory completion of all specified work is a condition for completing courses in all years. Attendance at tutorials is also a condition for completing Economics I, Social Sciences IA and Social Sciences IB.

Further information about the B Ec degree is given on pages 46 ff.

ECONOMICS 1: (Full Unit)

Professor D. H. Whitehead

This subject is mainly concerned with an examination of the forces determining the level of activity in the economy. Consideration is given

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to the use of fiscal and monetary policy as instruments of economic control, and to the difficulties that may arise for their use in an 'open' economy. Attention is concentrated upon a systematic analysis of these problems but in addition the behaviour of the Australian economy in the post-war world is discussed.

Prerequisite: None. This is the introductory course in economics and is a prerequisite for all other economics subjects. No previous knowledge of economics is assumed.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a week for three terms.

To obtain a pass in the subject, satisfactory performance will be required in tutorials and in such essays, exercises and tests as may be set throughout the year.

Examination: One three-hour paper.

Prescribed Reading

Lipsey, Richard G. *An Introduction to Positive Economics* 3rd edn, Weidenfeld and Nicolson 1971

McKenna, Joseph P. *Aggregate Economic Analysis* 3rd edn, Holt, Rinehart and Winston 1969

*Perkins, James O. N. *Australia in the World Economy* Sun Books 1968
Australia. Committee of Economic Enquiry *Report* Canberra 1965, 2 vols.
Chairman: Sir James Vernon.

Students may also find it useful to purchase Heilbroner, Robert L. *Understanding Macroeconomics* Prentice-Hall 1965 and groups of students may also find it useful to purchase Stilwell, J. A. and Lipsey R. G. *Workbook to Accompany an Introduction to Positive Economics* Weidenfeld and Nicolson 1967

ECONOMICS IIA (I and II): Microeconomics (Two Half Units)

Professor F. G. Davidson

Second-year microeconomics is taught in two half units, to be taken successively. Economics IIA-I is concerned with the price mechanism, resource allocation and the theory of market structure. Economics IIA-II begins with an introduction to welfare economics. Welfare economics will then be drawn upon first in an examination of international trade, second in a consideration of restrictive trade practices, and of desirable anti-restriction measures and of the Australian Trade Practices Act.

Prerequisite: Economics I. Economics IIA-I and Economics IIA-II must be taken in the same year.

Class Requirements: Lectures — two a week for the first half of the year in Economics IIA-I; two a week for the second half of the year in Economics IIA-II. Tutorials — one a week for the first half of the year in Economics IIA-I; one a week for the second half of the year in Economics IIA-II. Essays, tutorial exercises and special tests, as set during the year.

Examination: One three-hour paper in each half unit.

Prescribed Reading

ECONOMICS IIA-I

lipsey, Richard G. *An Introduction to Positive Economics* 3rd edn, Weidenfeld and Nicolson 1971

mansfield, Edwin. *Micro-economics. Theory and Applications* Norton 1970

Galbraith, John K. *American Capitalism* Penguin 1963

ECONOMICS IIA-II

asan, Syed F. *Introduction to Welfare Economics* Asia Publishing House 1963. (This book may be out of print in 1972, but copies will be available in the library.)

Nieuwenhuysen, J. P. *Australian Trade Practices: Readings* Cheshire 1970

ECONOMICS IIB: Economic Statistics II (Half Unit)

Professor S. P. Burley

This half unit will further develop and apply the fundamentals of probability theory and theoretical frequency distributions. It will deal with estimators and hypothesis testing, with special reference to economics. The topics of sampling, quality control and simple regression will be covered.

Multiple regression analysis will be approached via matrix algebra, and there will be a general discussion of the problems involved in employing regression techniques in economic model building. The course will integrate estimation techniques with economic theory, empirical data and decision making.

The Fortran IV programming language will be taught together with some computational methods employed on electronic computers for econometric work. A multiple regression program will be provided for students to carry out an econometric project. The computer section of the course will account for 15 per cent of the marks awarded in the subject.

Prerequisite: A first-year Mathematics Department subject or Social Sciences IB (upper stream) are normally required. Students with an A or B in Social Sciences IB (lower stream) will be permitted to enrol and special background work will be set for them.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a fortnight for three terms.

Examination: One three-hour paper.

Prescribed Reading

*Hoel, Paul G. *Introduction to Mathematical Statistics* 4th edn, Wiley 1971

*Johnston, John *Econometric Methods* 2nd edn McGraw-Hill 1971

*McCracken, Daniel D. *A Guide to Fortran IV Programming* Wiley 1968

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ECONOMICS IIC: Economic History (Half Unit)

Mr. J. Anderson

In this half unit an examination is made of the English and Japanese industrial revolutions. It is intended to stimulate historical insight into the development process in contemporary under-developed countries. It will be sought to show how economic change was related to the social and economic position of these countries and how simple economic models can be used to analyse their development.

Prerequisite: Economics I.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a fortnight for three terms.

To obtain a pass in the subject, satisfactory performance will be required in tutorials and in such essays, exercises and tests as may be set throughout the year.

Examination: One three-hour paper.

Prescribed Reading

*Rostow, Walt W. *The Stages of Economic Growth* Cambridge Univ. Pr. 1960

Ashton, Thomas S. *The Industrial Revolution, 1760-1830* Oxford Univ. Pr. 1948

*Deane, Phyllis *The First Industrial Revolution* Cambridge Univ. Pr. 1965

*Allen, George C. *A Short Economic History of Modern Japan, 1867-1937* 2nd rev. edn, Allen & Unwin 1962

*Storry, Richard *History of Modern Japan* Penguin 1967

*Meier, Gerald M. *Leading Issues in Economic Development* 2nd edn, Oxford Univ. Pr. 1970 (recommended for those who intend to take Economics IIIC)

ECONOMICS IID: Accounting (Half Unit)

Miss Helen M. Jemison

The object of this half unit is to introduce students of economics to a broad range of simple accounting procedures and to examine critically some aspects of accounting theory. The course includes: an examination of accounting and economic concepts of income; an outline of the accounting principles; the simple recording of transactions and adjusting entries, and the preparation of accounts, balance sheets and funds statements; an examination of some problems arising from changing price levels; the setting up and uses of cost variance accounts; and simple decision-making for investments.

Prerequisites: Economics I. (Economics IIA and Economic Statistics II or Mathematical Economics II or Introductory Mathematics for Economics II must be taken before or in the same year as this half unit.) No previous knowledge of accounting is assumed.

Class Requirements: One lecture a week for three terms and one tutorial a fortnight for three terms.

Examination: One three-hour paper.

Prescribed Reading

*Goldberg, Louis and Hill, V. R. *The Elements of Accounting* 3rd edn rev., Melbourne Univ. Pr. 1966 (or any other elementary text)

Gordon, Myron J. and Shillinglaw, G. *Accounting: Management Approach* 4th edn, Irwin 1969

Mathews, Russell L. *Accounting Framework* Cheshire 1971

ECONOMICS IIE: Industrial Relations (Half Unit)

Professor F. G. Davidson

This half unit covers three main fields. The first section includes the social structure of industry and sociological factors in work behaviour and in planned change. The second section deals with major institutions in Australian industrial relations, including trade unions, employers' organizations and industrial tribunals. The third section deals with economic aspects of industrial relations and wage determination.

Prerequisite: Economics I.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a fortnight for three terms. Tutorial exercises and special tests as set during the year.

Examination: One three-hour paper.

Prescribed Reading

*Faunce, William A comp. *Readings in Industrial Sociology* Appleton-Century-Crofts 1967

Isaac, Joseph E. *Wages and Productivity* Cheshire 1967

*Isaac, Joseph E. and Ford G. W. eds. *Australian Labour Economics; Readings* Sun Books 1967

*Isaac, Joseph E. and Ford, G. W. eds *Australian Labour Relations; Readings* 2nd edn, Sun Books 1971

Lipsey, Richard G. *An Introduction to Positive Economics* 3rd edn, Weidenfeld and Nicolson 1971

*Brown, Ernest H. P. *Pay and Profits* Manchester Univ. Pr. 1968

ECONOMICS IIF: Growth and Fluctuations in the Australian Economy 1900-1960 (Half Unit)

Dr W. A. Sinclair

(This subject may not be available in 1972.)

In this examination of the growth and fluctuation of the Australian economy since the beginning of the twentieth century, the first three decades will be considered in depth both as a special case of economic development and as a background to more recent events. Consideration will be given to the question of how far the depression of the 1930s and the subsequent resumption of economic growth were the result of processes set in motion in the earlier period. The emphasis throughout will be on Australia as an economy subject to strong overseas influences

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but to some extent insulated from these by local conditions and government action.

Prerequisite: Economics I.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a fortnight for three terms.

Examination: Two three-hour papers.

Prescribed Reading

*Shann, Edward O. G. *An Economic History of Australia* Georgian House 1966

Forster, Colin ed. *Australian Economic Development in the Twentieth Century* Allen & Unwin 1970

ECONOMICS IIG: Mathematical Economics (Half Unit)

Professor S. P. Burley

This half unit gives an elementary introduction to modern developments in quantitative economics. It covers such topics as input-output analysis, the von Neumann growth model, linear programming, game theory and other simple linear models. Fortran IV programming will be taught and class exercises will be executed on the computer.

Prerequisite: A first-year Mathematics Department subject or Social Sciences IB (upper stream) are normally required. However, students with an A or a B in Social Sciences IB (lower stream) will be permitted to enrol and special background work will be set for them.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a fortnight for three terms.

Examination: One three-hour paper.

Prescribed Reading

*Lipschutz, Seymour *Schaum's Outline of Theory and Problems of Finite Mathematics* Schaum Pub. Co. 1966

*Theil, Henri, Boot, J. C. and Kloeck, T. *Operations Research and Quantitative Economics; an Elementary Introduction* McGraw-Hill 1965.

ECONOMICS IIH: Introductory Mathematics for Economists (Half Unit)

Mrs Zaiga Wiltshire

This course introduces some of the mathematical techniques and notation which are useful in the study of economic theory. The first term covers a mathematic treatment of marginalism, functions of one variable in micro-economics, maximization, minimization of such functions, elasticities and other economic applications of calculus of functions of one variable. The second term covers functions of two or more variables, particularly utility and production functions; techniques of maximization and minimization, unconstrained and constrained; homogeneity of functions; marginal rates of substitution; product exhaustion. The third

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term covers integration and its applications. The course is intended for students who have not enrolled for a Mathematics Department subject or for Economics IIG. It provides a background for further study in economic theory but is not intended as a prerequisite for later-year quantitative subjects.

Prerequisites: Economics I.

Class Requirements: One lecture a week and one tutorial a fortnight.

Examination: One three-hour paper.

Prescribed Reading

*Allen, Roy G. D. *Mathematical Analysis for Economists* Papermac 1969

ECONOMICS IIIA: Monetary Economics and Economic Policy (Full Unit)

Mr M. P. Schneider

This unit consists of a course in macroeconomics, with particular emphasis on the macroeconomic role of money and other financial assets, and on monetary and other branches of economic policy. It also includes a discussion of international monetary systems, and of particular problems of current economic policy.

Intending honours students who have neither studied mathematics at university level nor taken either Mathematical Economics II or Introductory Mathematics for Economists II may take the latter half unit as an alternative to that section of the course dealing with particular problems of economic policy, and are strongly advised to do so.

Prerequisite: Economics IIA.

Class Requirements: Lectures — one a week for three terms. Seminars — one a week for three terms. Essays and seminar papers as set during the year.

Examination: Two three-hour papers.

Preliminary Reading

*Ritter, Lawrence S. and Silber, W. L. *Money Basic Books* 1970

Prescribed Reading

*Dernburg, Thomas F. and McDougall, D. M. *Macroeconomics* 3rd edn, McGraw-Hill 1968

or

*Shapiro, Edward. *Macroeconomic Analysis* 2nd edn, Harcourt, Brace & World 1970

*Hamovitch, William, ed. *Monetary Policy; the Argument from Keynes' Treatise to Friedman* Heath 1966

*Lindauer, John, comp. *Macroeconomic Readings* Free Press 1968

Australia. Committee of Economic Enquiry Report Canberra 1965, 2 vols, Chairman: Sir James Vernon

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ECONOMICS IIIB: Business Decision-Making (Half Unit)

Dr D. Elsum

This unit provides a survey of the more important quantitative decision-making techniques within a framework of a management information system. Scientific management approaches will be examined so that current and future developments in philosophy and technique may be evaluated and applied within the business environment.

Prerequisites: Economics IIA and Accounting II.

Class Requirements: One lecture a week and one tutorial a fortnight. Research project, exercises and special tests as set during the year.

Examination: One three-hour paper.

Prescribed Reading

Sasieni, Maurice, Yaspan, A. and Friedman, L. *Operations Research — Methods and Problems* Wiley 1959

ECONOMICS IIIC: Economic Development (Half Unit)

Mr P. I. Cooper

This half unit deals with economic aspects of the problems of present-day underdeveloped countries. Individual sectors are examined to assess possible means of increasing output, and the treatment also considers demand aspects, foreign trade and aid, human resources, and the role of government. Particular attention is given to policy issues and case studies are used where appropriate.

Prerequisite: Economics IIA. Second-year economic history subjects, though not a prerequisite, would be a useful preliminary.

Class Requirements: A weekly lecture plus a fortnightly tutorial, throughout the year. Essay and tutorial papers as set during the year.

Examination: One three-hour paper.

Preliminary Reading

Myint, H. L. A. *The Economics of the Developing Countries* 3rd edn, Hutchinson Univ. Library 1967

Prescribed Reading

*Meier, Gerald M. *Leading Issues in Economic Development* 2nd edn, Oxford Univ. Pr. 1970

ECONOMICS IIID: Economic Theory (Half Unit)

Dr L. R. Webb

This half unit provides a fuller and more rigorous treatment of theoretical issues than is available in Economics I, IIA and IIIA.

Prerequisite: Economics IIA.

Class Requirements: One two-hour seminar a week for three terms.

Examination: One three-hour paper.

Prescribed Reading

Becker, Gary S. *Economic Theory* Knopf 1971

ECONOMICS IIIE: Labour Economics (Half Unit)

Professor D. H. Whitehead

This half unit is divided into three main parts: an examination of current controversies concerning the theory of inflation; a theoretical and applied discussion of wages policies and the movement of wages in a number of countries; and a discussion of recent changes in the principles of wage settlement in Australia.

Prerequisites: Economics IIA and Industrial Relations II.

Class Requirements: One two-hour seminar a week for three terms.

Examination: One three-hour paper.

Prescribed Reading

*Ball, Robert J. and Doyle, P. *Inflation* Penguin 1969

*Isaac, Joseph E. and Ford, G. W. eds. *Australian Labour Economics: Readings* Sun Books 1967

Further references will be provided during the year.

ECONOMICS IIIF: Comparative Economic Systems (Half Unit)

Mr P. I. Cooper

This half unit examines differing institutional solutions to the basic economic problems which face any society. It begins by considering theoretical arguments about how economic activities might be co-ordinated under different systems of ownership and control. The major part of the course is concerned with the features and problems of various forms of economic organization, as these have evolved in practice. Particular attention is given to socialist economies. Finally some general issues in political economy are discussed in the broad context of the choice of economic systems.

Prerequisite: Economics IIA.

Class Requirements: A combination of lectures, tutorials and seminars over three terms. (The initial arrangements are a weekly lecture plus a fortnightly tutorial. For later sections of the course this is changed to a weekly seminar.) Essays and tutorial/seminar papers are set during the year.

Examination: One three-hour paper.

Preliminary Reading

*Grossman, Gregory *Economic Systems* Prentice-Hall 1967

Prescribed Reading

Bornstein, Morris ed. *Comparative Economic Systems* rev. edn, Irwin 1969

ECONOMICS IIIG: Econometrics (Half Unit)

Professor S. P. Burley

This half unit will be concerned with an empirical analysis of macroeconomic models. It will include a treatment of regression analysis

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for systems of macroeconomic relationship and a study of certain national econometric models. Forecasting, planning and simulation characteristics will be considered.

Prerequisite: Economic Statistics II or Mathematical Statistics II.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a fortnight for three terms.

Examination: One three-hour paper.

Prescribed Reading

*Johnston, John *Econometric Methods* 2nd edn, McGraw-Hill 1971

ECONOMICS IIIH: Growth and Fluctuations in the Australian Economy 1900-1960 (Half Unit)

Dr W. A. Sinclair

(This subject may not be available in 1972.)

In this examination of the growth and fluctuation of the Australian economy since the beginning of the twentieth century, the first three decades will be considered in depth both as a special case of economic development and as a background to more recent events. Consideration will be given to the question of how far the depression of the 1930s and the subsequent resumption of economic growth were the result of processes set in motion in the earlier period. The emphasis throughout will be on Australia as an economy, subject to strong overseas influence, but to some extent insulated from these by local conditions and government action.

Prerequisite: Economics I.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a week for three terms.

Examination: Two three-hour papers.

Prescribed Reading

Shann, Edward O. G. *An Economic History of Australia* Georgian House 1966

Forster, Colin ed. *Australian Economic Development in the Twentieth Century* Allen & Unwin 1970

ECONOMICS IVA: Trade and Growth (Full Unit)

Dr L. R. Webb

This unit covers topics in the theory of international trade and the theory of economic growth, with some attention to those parts of theory which are concerned with the interactions between the process of trade and growth.

Class Requirements: One two-hour seminar a week for three terms.

Examination: One three-hour paper.

Prescribed Reading

*Heller, H. Robert. *International Trade: Theory and Empirical Evidence* Prentice-Hall 1968

ECONOMICS IVB: Public Policy (Full Unit)**Mr B. Parmenter**

This is a full unit examining the theory of welfare economics as a basis for micro public policy and its application in public investment and public enterprise economics.

Class Requirements: One two-hour session a week for three terms. Essays and seminar papers as set.

Examination: One three-hour paper.

Preliminary Reading

Mishan, Edward J. *Welfare Economics: Ten Introductory Essays* 2nd edn, Random House 1969

ECONOMICS IVC: Economic Development (Half Unit)**Mr P. I. Cooper**

This half unit will enable students with an interest in the economic problems of underdeveloped countries to undertake further studies in this field. The particular selection of topics, and the time spent on each, will be decided after discussion among the students enrolled.

Prerequisite: Economics IIIC.

Class Requirements: Thirteen sessions. Such written work as may be set.

Examination: One three-hour paper.

Preliminary Reading

*Meier, Gerald M. *Leading Issues in Economic Development* 2nd edn, Oxford Univ. Pr. 1970

ECONOMICS IVD: Econometrics (Half Unit)**Professor S. P. Burley**

This half unit is concerned with statistical techniques for estimating dynamic econometric models. The topics covered include dynamic model specification, analysis of economic reaction times, distributed lag models, special problems of economic time series and spectral analysis.

Prerequisite: Econometrics III.

Class Requirements: Thirteen sessions.

Examination: One three-hour paper.

Prescribed Reading

Malinvaud, Edmond *Statistical Methods of Econometrics* 2nd edn rev., North-Holland 1970

ECONOMICS IVE: Quantitative Economic Planning (Half Unit)**Professor S. P. Burley**

Methods of planning to be discussed in this half unit are linear, non-linear and dynamic programming.

Applications of the planning methods cover both macroeconomic and microeconomic problems. Specifically we will look at transport

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problems, man-power scheduling, machine-time problems, blending problems, inventory problems, portfolio selection, fixed-charge problems, certainty equivalence, input-output, and planning with economic macro-models.

Relationship of application and method to familiar economic problems will be emphasized; especially to the theory of the firm, and econometrics.

Computer programs will execute some of the problem-solving techniques.

Prerequisite: Social Sciences IIID, or Econometrics III.

Class Requirements: Thirteen sessions. Projects and essays as set.

Examination: One three-hour paper.

Prescribed Reading

*Hadley, George *Linear Programming* Addison-Wesley 1962

Jacobs, O. L. R. *An Introduction to Dynamic Programming* Chapman and Hall 1967

ECONOMICS IVG: History of Economic Thought (Half Unit)

Mr M. P. Schneider

This half unit examines the principal developments in the history of economic thought from Aristotle to Keynes, the greater part of the course being devoted to the filiation of economic ideas over the period 1870-1939.

Class Requirements: One two-hour session a week for thirteen weeks. Essays and seminar papers as set during the year.

Examination: Assessment by means of one three-hour paper, and one essay done during the year.

Prescribed Reading

Blaug, Mark *Economic Theory in Retrospect* 2nd edn, Heinemann 1968

ECONOMICS IVH: Theories of the Firm (Half Unit)

Dr B. R. Stewardson

This half unit examines the criticisms and defences of the traditional theory of the firm and considers the main alternative theories that have been put forward to replace or supplement it.

Prerequisite: Students who have taken Social Sciences IIIC are not eligible for this subject.

Class Requirement: One seminar a week for thirteen weeks. Such written work as may be required.

Examination: One three-hour paper.

Prescribed Reading: To be announced.

ECONOMICS IVJ: Mineral Economics (Half Unit)

Dr B. R. Stewardson

The main objective of this half unit is to introduce a student of economics into the more specialised field of mineral economics. The broad topics include a survey of mineral economics theory, studies of specific industries and industry problems, and government policies relating to minerals.

Class Requirements: One seminar a week for thirteen weeks. Such written work as may be required.

Examination: One three-hour paper.

Prescribed Reading: To be announced.

ECONOMICS IVK: Economic History (Half Unit)

Dr W. A. Sinclair

This half unit is concerned with economic growth as it has occurred in specific historical contexts. It may be regarded as an attempt to apply economic theory to the interpretation of historical data.

Class Requirements: One seminar a week for thirteen weeks. Such written work as may be required.

Examination: One three-hour paper.

References: To be announced.

ECONOMICS IVL: Advanced Mathematical Economics (Half Unit)

Professor S. P. Burley

This half unit comprises a study of topics in general equilibrium theory. These are generated from the reference below. Topics studied will be from a list which includes generalisations of the theory of Arrow-Debreu, measure theory and the core, and stability theory. Detailed studies of optimal policies of firms with respect to capital and inventories, and of consumer demand theory, may also be made. The particular selection of topics, and the time spent on each, will be decided after discussion among students enrolled for this half unit.

Prerequisite: Social Sciences IIID would be of great advantage to any student attempting this course.

Class Requirements: One three-hour lecture-seminar-tutorial a fortnight throughout the year.

Examination: One three-hour paper.

Preliminary Reading

Debreu, Gerard *Theory of Value* Wiley 1959

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ECONOMICS IVM: Mathematical Economics (Half Unit)

Professor S. P. Burley

This half unit is the economics half of Social Sciences IIID. Content, prerequisites, class requirements, and preliminary reading may be found under the entries for 'Social Sciences'.

POSTGRADUATE STUDIES

There are a number of avenues into higher degree studies in economics, and these are described in a brochure available from the Economics Department.

EDUCATION

See Part V, School of Education, for details of subjects in this discipline.

ENGLISH

English may be studied in each of the three years of the pass degree course; honours students undertake a fourth year of study. A single, introductory course is offered in the first year, but in subsequent years a choice of courses, dealing with various literary periods and topics, is available. Students may study English as a minor or as a major discipline. If a major series of courses is chosen the sequence must conform to the patterns indicated on pages 43 and 44. Lectures, tutorials and seminars are held in the various courses; regular attendance is required. Part-time students should not embark on any course unless they are sure they can fulfil this requirement.

Written Work: In all cases, written work in the form of essays, exercises, or papers to be read in tutorials or seminars is prescribed. Failure to complete this work at the required time to the satisfaction of the department will be regarded as failure in the year's work as a whole, and permission to sit for the examinations will be withheld.

Assessment of Students: The English Department uses a number of different ways of assessing the performance of its students: the written work and general performance during the year are very important in arriving at a student's final result.

General Note on Prescribed Books: Students should have copies of the prescribed texts. Possession of standard editions, such as the **Oxford Standard Authors** or **Oxford English Texts**, of the works of prescribed authors is useful, particularly for majoring students. Such editions are always suitable alternatives to the selections prescribed.

ENGLISH I

English I is designed as an introduction to the study of poetry, drama, and the novel, and to associated critical problems. A relatively small number of plays and novels from different periods, and a selection of poems from the anthology and from the work of the prescribed poets, are closely studied.

Tutorial discussion in small groups of students meeting twice a week forms most important part of the course work; students must attend these tutorial classes regularly.

Prerequisite: None.

Class Requirements: Lectures — two hours a week for three terms. Tutorials — two hours a week for three terms.

Preliminary Reading: Students are urged to read the plays and novels at least once before the beginning of the year's teaching, and to read in the anthologies and selections of poetry as widely as is commensurate with careful attention.

Prescribed Reading

POETRY

*Donne, John *Selected Poems* ed. J. Hayward, Penguin. Poems as selected in class

*Pope, Alexander *Selected Poetry and Prose* ed. W. K. Wimsatt, Holt, Rinehart and Winston. Poems as selected in class

*Keats, John *Selected Poetry and Letters* ed. R. H. Fogle, Holt, Rinehart and Winston. Poems as selected in class

*Hayward, John *The Penguin Book of English Verse*

DRAMA

*Shakespeare, William *Henry IV Part I* Penguin

*Shakespeare, William *Macbeth* Penguin

*Jonson, Ben *Volpone* Yale Univ. Pr.

NOVELS

*Austen, Jane *Emma* Penguin

*Dickens, Charles *Great Expectations* Dent (Everyman)

*Conrad, Joseph *The Secret Agent* Penguin

*Lawrence, D. H. *The Virgin and the Gypsy*, St. Mawr Ace

*Twain, Mark *Huckleberry Finn* Penguin

*Stead, Christina *The Man Who Loved Children* Penguin

Recommended Reference Books

Cross, K. G. W. and Marsh, D. R. C. *Poetry: Reading and Understanding* Cheshire 1966, will be useful.

Students should provide themselves with a good dictionary such as (at least) *The Concise Oxford English Dictionary* and with Fowler's *Modern English Usage* or Gower's *Plain Words*.

A dictionary of classical mythology, such as the *Everyman*, or Oskar Seyffert's *Dictionary of Classical Antiquities* (*Meridian Books) will also prove useful.

SECOND-YEAR SUBJECTS

In addition to their choice of courses in second year, all students are required to take a common course in the practice of criticism.

Assessment: In addition to the end-of-year examinations a three-and-a-half-hour practical criticism test will be held during third term.

ENGLISH

Prerequisite: English I is a prerequisite for any second-year English subject.

Class Requirements: In each subject one or two lectures and one tutorial are held weekly throughout the year. One tutorial is held weekly in the practice of criticism. Attendance at tutorials and seminars is obligatory.

Written Work: See the remarks on written work at the beginning of the section on English.

The second-year courses offered in 1972 represent the first stage of the introduction of a new sequence of courses in the English department. Students should therefore note that the third-year courses offered in 1972 will be replaced in 1973 by the courses summarized at the end of the third-year section. Similarly, in 1973 a new fourth-year course will be introduced. Its form, too, is summarised at the end of the appropriate section.

Students entering second year in 1972 will have to choose their subjects in accordance with the following requirements:

Group 1	Group 2	Group 3	Group 4
IIA Elizabethan and Jacobean Drama (Part 1)	IIB 19th and 20th century poetry	IIC Fiction 1850-1950	
IIIA Elizabethan and Jacobean Drama (Part 2)	IIIB 17th and 18th century poetry	IIIC 18th and 19th century fiction	IIIF Australian literature
IIIT Tragedy: Greek Elizabethan, Modern	IIID Poetry from Chaucer to the Metaphysicals		IIIG American literature

Minoring students may choose any subject in second year, and any subject from a different group in third year; but, unless permission is obtained, group 4 subjects are not available to students taking English as a minor sequence.

Majoring students, including honours students, must choose their subjects so that at least one subject is taken from each of groups 1, 2 and 3 over the two years. Australian and American literature may both be taken in the third year only with the special permission of the chairman of the department; students who have taken one of these subjects may be permitted to take the other subject in their fourth year.

A student may choose more than one subject from any group provided the other requirements are met.

Your attention is also drawn to the fact that with the permission of the chairman *majoring* students may take two half units offered by the departments of philosophy and modern languages, namely philosophy of language and linguistics (English) as a unit in an English major.

If the enrolments for any subject fail in any year to reach a minimum figure considered viable by the department, the subject will lapse for the year despite its appearance in the handbook.

ENGLISH IIA: Elizabethan and Jacobean Drama (Part I)

Prescribed Reading

- *Jonson, Ben *Volpone* The Revels Plays Series, Methuen
- Shakespeare, William *Twelfth Night**
- Shakespeare, William *The Winter's Tale*
- *Marlow, Christopher *The Jew of Malta* Benn (New Mermaid Series)
- Shakespeare, William *Julius Caesar, Coriolanus, Romeo and Juliet, Troilus and Cressida, Anthony and Cleopatra*
- *Middleton, Thomas and Rowley, William *The Changeling* Methuen (The Revels plays)
- *Webster, John, *The White Devel* Methuen (The Revels plays)
- +Particular editions of the Shakespeare plays are not prescribed but students ought to be aware of the merits and demerits of such editions as The Arden Shakespeare, *The Signet Shakespeare, *The New Cambridge Shakespeare, and *The New Penguin Shakespeare.

ENGLISH IIB: Nineteenth and Twentieth Century Poetry

Prescribed Reading

- *Blake, William *Collected Writings* Oxford
- *Wordsworth, William *Wordsworth: Poetry and Prose* Reynard
- *Coleridge, Samuel T. *The Portable Coleridge* Viking
- *Keats, John *Selected Poetry and Letters* Rinehart
- *Tennyson, Alfred *Selected Poetry* ed. D. Bush, Modern Library
- *Arnold, Matthew *The Portable Arnold* Viking
- *Whitman, Walt *Leaves of Grass* ed. M. Cowley, Viking Compass
- *Hopkins, Gerard M. *Gerard Manley Hopkins: A Selection of his Poems and Prose* ed. W. H. Gardner, Penguin
- *Dickinson, Emily *Selected Poems of Emily Dickinson* ed. J. Reeves, Heinemann
- *Hardy, Thomas *Shorter Poems* Papermac
- Yeats, William B. *Collected Poems* Macmillan
- Eliot, T. S. *Collected Poems* Faber
- *Lowell, Robert *Selected Poems* Faber
- *Auden, W. H. and Pearson, Norman H. eds *Poets of the English Language* vol. 5: *Victorian and Edwardian Poets* Viking
- *Alvarez, A. ed. *The New Poetry* Penguin

ENGLISH IIC: Fiction 1850-1950.

Prescribed Reading

- *Dickens, Charles *Great Expectations* Dent (Everyman)
- *Eliot, George *Middlemarch* Penguin
- *James, Henry *Portrait of a Lady* Penguin
- *Hardy, Thomas *Tess of the D'Urbervilles* Papermac
- *Conrad, Joseph *Nostromo* Penguin
- *Lawrence, David H. *The Rainbow* Penguin
- *Forster, Edward M. *A Passage to India* Penguin

ENGLISH

*Joyce, James *The Essential James Joyce* (with particular attention to *A Portrait of the Artist*) Penguin

*Woolf, Virginia *To The Lighthouse* Penguin

*Faulkner, William *The Sound and the Fury* Penguin

*Stead, Christina *The Man Who Loved Children* Penguin

In addition a special study of either Dickens, Eliot, James, Conrad or Lawrence will be required. Students should select one of the following pairs of novels.

Dickens, Charles **Hard Times*, **Our Mutual Friend* Penguin

Eliot, George **Mill on the Floss*, **Silas Marner* Penguin

James, Henry **What Maisie Knew*, **The Bostonians* Penguin

Conrad, Joseph **Victory* Penguin, **The Shadow Line* Dent (Everyman)

Lawrence, D. H. **Women in Love*, **Three Novellas: The Captain's Doll, The Fox, The Ladybird* Penguin

HONOURS

Students may apply for admission to the honours school at the end of the second year. They should have completed English I and, normally, two second-year subjects in English, and have achieved a satisfactory standard in their work generally. They should undertake, during the long vacation before their third year of attendance, extensive reading in period anthologies such as the Oxford books of sixteenth, seventeenth, eighteenth and nineteenth century verse, and the Penguin anthologies of prose. Honours students in their third year normally take three courses in English, but with the permission of the professor concerned, they may substitute for one of the English units an approved course in another discipline.

The fourth year's work will consist of three courses, and the submission of an essay of about 10,000 words on a topic arranged at the end of the third year's work and approved by the chairman of the department.

Honours students will be examined at the end of the third and fourth years and permission to continue into fourth year is conditional on a satisfactory result at the end of the third year. Intending honours students should note the changes proposed in the fourth-year courses for 1973. The choice of honours courses should be approved by the chairman of the department at the beginning of the third and fourth years.

Honours students and pass students will attend the same lecture courses, but honours tutorials will undertake additional work. Honours students will also attend a weekly tutorial in the 'practice of criticism and dating'.

THIRD-YEAR SUBJECTS

Prerequisite: A second-year English subject is a prerequisite for any English subject in third year except, with the permission of the chairman of the department, where an English III subject is required for the making-up of an area of study major.

For students entering third year in 1972 the courses must be chosen in accordance with the requirements of the following table:

FOR THIRD-YEAR STUDENTS IN 1972 ONLY

Group 1	Group 2	Group 3	Group 4
IIA Elizabethan and Jacobean Drama	IIB Poetry, 1770-1850	IID Modern literature excluding drama	
IIIA Shakespeare	IIIC 16th-17th century literature excluding drama	IIIB 19th century literature IIIE 18th century literature	IIIF Australian literature OR IIIG American literature IIIH Medieval literature

Minoring students may have chosen any subject in second year, and may choose any subject from a different group in third year; but, unless permission is obtained, group 4 subjects are not available to students taking English as a minor sequence.

Majoring students, including honours students, must choose their subjects so that at least one subject has been taken from each of groups 1, 2 and 3 over the two years. Australian and American literature may both be taken in the third year only with the special permission of the chairman of the department; students who have taken one of these subjects may be permitted to take the other subject in their fourth year.

A student may choose more than one subject from any group provided the other requirements are met.

If the enrolments for any subject fail in any year to reach a minimum figure considered viable by the department, the subject will lapse for that year despite its appearance in the handbook.

ENGLISH IIIA: Shakespeare's Problem Plays and Tragedies

This course is to concern itself mainly with Shakespeare's tragedies but it will also look at some of the problem plays and one of the romances.

Prescribed Reading

Romeo and Juliet

Julius Caesar

Othello

Anthony and Cleopatra

Measure for Measure

Troilus and Cressida

Hamlet

The Winter's Tale

King Lear

Particular editions of these plays are not prescribed but students ought to be aware of the merits and demerits of such editions as *The Arden Shakespeare*, **The Signet Shakespeare*, **The New Cambridge Shakespeare*, and **The New Penguin Shakespeare*

ENGLISH

ENGLISH IIIB: English Literature of the Nineteenth Century

Prescribed Reading

- *Austen, Jane *Emma* Penguin
- *Austen, Jane *Persuasion* Penguin
- *Bronte, Emily *Wuthering Heights* Penguin
- *Bronte, Charlotte *Jane Eyre* Penguin
- *Dickens, Charles *Great Expectations* Penguin
- *Dickens, Charles *Hard Times* Penguin
- *Eliot, George *Middlemarch* Penguin
- *James, Henry *The Bostonians* Penguin
- *Conrad, Joseph *The Secret Agent* Penguin
- *Arnold, Matthew *Selected Prose* Penguin
- *Hopkins, Gerard M. *Poems and Prose* Penguin
- *Auden, W. H. and Pearson, Norman H. eds *Victorian and Edwardian Poets* Viking 1950 (Their Poets of the English Language, vol. 5)

Students should have also read:

- *Tolstoy, Leo *Anna Karenina* Penguin
- *Thackeray, William M. *Vanity Fair* Penguin
- *Gaskell, Elizabeth C. *Mary Barton* Penguin

A list of additional reading will be available from the English Department at the end of 1971. Students who intend taking this course are strongly advised to have read the novels and poetry at least once before the beginning of the year.

ENGLISH IIIC: Sixteenth and Seventeenth Century

English Poetry

Prescribed Reading

- *Wyatt, Thomas *Poems* Muses' Library
- *Williams, John ed. *English Renaissance Poetry* Anchor Books
- *Kenner, Hugh ed. *Seventeenth-Century Poetry: the Schools of Donne and Jonson* Holt, Rinehart and Winston
- *Ferry, Anne ed. *Seventeenth-Century English Minor Poets* Dell (Laurel Poetry)
- *Spenser, Edmund *Selected Poetry* Signet
- *Shakespeare, William *The Sonnets* Signet
- *Donne, John *Poems* O.S.A.
- Herbert, George *Poems* ed. H. Gardner World's Classics
- *Jonson, Ben *Poems* Muses' Library
- *Milton, John *Poetical Works* O.S.A. (for Comus and minor poets)
- *Marvell, Andrew *Poems* Muses' Library

ENGLISH IIIE: English Literature of the Eighteenth Century

Prescribed Reading

- *Dryden, John *The Poems and Fables* ed. J. Kinsley, O.S.A.
- *Pope, Alexander *Poems* ed. J. Butt, Methuen (University Paperback)

ENGLISH

Swift, Jonathan **Selected Prose and Poetry* ed E. Rosenheim, Holt, Rinehart and Winston; **Gulliver's Travels* ed. J. F. Ross, Holt, Rinehart and Winston

Johnson, Samuel **Rasselas, Poems and Selected Prose* ed. B. H. Bronson Holt, Rinehart and Winston; *Lives of the English Poets* 2 vols, Dent (Everyman)

*Fielding, Henry *Tom Jones* Penguin

Richardson, Samuel *Clarissa* 4 vols, Dent (Everyman)

*Austen, Jane *Sense and Sensibility* Penguin

*Meredith, William and Jarrell, Mackie eds *Eighteenth Century English Minor Poets* Dell

ENGLISH IIIF: Australian Literature

The course assumes a background of some reading in nineteenth and twentieth-century English literature.

Honours students should note that this course may be available in fourth year to students who, by taking English IIIG (American literature), have been prevented from taking Australian literature.

Prescribed Reading

Moore, Tom I. ed. *From the Ballads to Brennan* Angus & Robertson

*Campbell, David ed. *Modern Australian Poetry* Sun Books

*Brennan, Christopher *Selected Poems* Angus & Robertson

*Slessor, Kenneth *Poems* Angus & Robertson

Wright, Judith *Collected Poems 1942-1970* Angus & Robertson

Hope, A. D. *Collected Poems 1930-1965* Angus & Robertson

*Lawson, Henry *The Bush Undertaker and Other Stories* Angus & Robertson

Furphy, Joseph *Such is Life* (any unabridged edition)

Herbert, Xavier *Capricornia* (any edition)

Richardson, Henry H. *The Fortunes of Richard Mahony* (any edition)

Stead, Christina **The Man Who Loved Children* Penguin **For Love Alone* Pacific Books

White, Patrick **The Aunt's Story* Penguin **The Solid Mandala* Penguin

Honours students will give special emphasis to the work of Patrick White, and will study also:

White, Patrick **The Burnt Ones* Penguin **Four Plays* Sun Books

Hope, A. D. *New Poems 1965-1969* Angus & Robertson

ENGLISH IIIG: American Literature

Prescribed Reading

*Cooper, James F. *The Deerslayer* Signet Classics

Thoreau, Henry D. **Walden and Civil Disobedience* Norton Critical Edition

*Hawthorne, Nathaniel *The Scarlet Letter* Norton Critical Edition

*Melville, Herman *Moby Dick* Norton Critical Edition *Billy Budd, Sailor and Other Tales* Penguin

*Twain, Mark *The Adventures of Huckleberry Finn* Penguin

ENGLISH

- *James, Henry *The Portrait of a Lady* Penguin *The Bostonians* Penguin
- *Whitman, Walt *Leaves of Grass* (1855) ed. M. Cowley Viking Compass
- *Dickinson, Emily *Selected Poems* Heinemann
- *Wharton, Edith *The House of Mirth* Rinehart
- *Faulkner, William *Absalom, Absalom* Penguin
- *Fitzgerald, Francis S. *Tender is the Night* Penguin
- *Hemingway, Ernest *Fiesta* Penguin
- *Warren, Robert P. *All The King's Men* Bantam
- *Ellison, Ralph *Invisible Man* Penguin
- *Lowell, Robert *Selected Poems* Faber
- **Chief Modern Poets of England and America*, vol. 2: *The American Poets* Macmillan

ENGLISH IIIH: Medieval Literature

Prescribed Reading

- Chaucer, Geoffrey *The Complete Works of Geoffrey Chaucer* ed. F. N. Robinson. Oxford Univ. Pr. Special attention will be given to *The Canterbury Tales*
- The Wakefield Pageants in the Towneley Cycle* ed. A. C. Cawley Manchester Univ. Pr.

**Medieval English Lyrics* ed. R. T. Davies, Faber

Sir Gawain and the Green Knight. Text in *Pearl and Sir Gawain and the Green Knight* ed. A. C. Cawley, Everyman

Other recommended reading includes works of Sir Thomas Malory, the Scottish poets, especially Dunbar and Henryson, and further drama. Specific suggestions for primary and secondary texts are available on enquiry.

1973 THIRD-YEAR COURSES

In 1973 the courses that will be offered in third year will be:

ENGLISH IIIA: Elizabethan and Jacobean Drama, mainly Shakespearean (Part 2)

This course is designed to follow on from the 1972 second-year drama course but may be taken without IIA as a prerequisite. It will consist of selected Shakespearean and other Jacobean plays.

ENGLISH IIIB: Seventeenth and Eighteenth Century Poetry

This course will be concerned with the Metaphysical poets (Donne, Marvell, Herbert etc.), Milton, the Restoration poets, and the Augustan period (Dryden, Pope, Johnson etc.).

ENGLISH IIIC: Eighteenth and Nineteenth Century Fiction

This course will be concerned with prose fiction of the eighteenth and early nineteenth centuries. The set authors will probably include Bunyan, Richardson, Fielding, Swift, Johnson, Jane Austen and the Brontës.

ENGLISH IIID: Poetry from Chaucer to the Metaphysicals

The course will be in two parts. The first term will be devoted to Chaucer and the second and third term to the poetry of the sixteenth and seventeenth centuries. The main figures in the second part of the course will be Wyatt, Donne, Jonson, Herbert and Marvell.

ENGLISH IIIF: Australian Literature

This course will consist of nineteenth and twentieth century poetry and fiction, as at present.

ENGLISH IIIG: American Literature

This course will consist of nineteenth and twentieth century poetry and fiction, as at present.

ENGLISH IIIT: Tragedy—Greek, Elizabethan, Modern

This course will be concerned with representative plays by major playwrights of the three periods, including Aeschylus, Sophocles, Euripides, Marlowe, Shakespeare, Ibsen, Chekhov, O'Neill, Miller and Beckett.

Detailed prescriptions for these courses will be available at the end of 1972; students interested in finding out their probable content may discuss them with members of the department.

FOURTH-YEAR COURSES, 1972

The following subjects will be available for honours students in 1972. Three are to be chosen, subject to the approval of the chairman of the department. IIIE (eighteenth century literature), IIIF (Australian literature), IIIG (American literature) or IIIH (Medieval literature) may possibly be made available as fourth-year subjects to groups of students who have not been able to take one of these subjects in their third year.

A summary of the fourth-year courses likely to be offered in 1973 is given at the end of this section.

The general prerequisite is satisfactory performance in an approved group of third-year English subjects, including special honours reading.

Reading lists will be available from November 1971.

ENGLISH IVA: Shakespearean Drama

Shakespeare's comedies and romances, together with further consideration of some of the tragedies.

ENGLISH IVB: English Literature of the Nineteenth Century

Poetry and prose of the nineteenth century. Lists of texts will be available late in 1971.

ENGLISH

ENGLISH IVC: Non-dramatic Sixteenth and Seventeenth-century Literature

Students intending to take this course should have done prior work on poetry of this period. Those without such background may opt to take the IIC course for honours students. Otherwise, they should see the people teaching the course to discuss what reading they should do over the long vacation.

ENGLISH IVD: Modern English Literature

A study of the major work of Yeats, Pound, Eliot, Conrad, Lawrence, Joyce and Beckett.

It is possible that a special author course will be offered in 1972. Information will be available late in 1971.

FOURTH-YEAR COURSES, 1973

From 1973 onwards, honours students will be asked to take three seminar courses in the department during their fourth year chosen from the following categories.

1. *Critics and Criticism*

All honours students will be asked to take this seminar.

2. *A Major Study*

Students will take one of the following options only three of which would be offered in any one year:

seventeenth century literature

eighteenth century literature

nineteenth century literature

modern literature

3. *Special Study*

Students would take one of three options:

special author and/or topic (changed every two years)

American literature

Australian literature

Students will also be allowed to take two major studies instead of one major study and one special study if they wish to do so.

POSTGRADUATE STUDIES

An honours degree in English will normally be the preliminary requirement for admission to postgraduate work in the department, though in special circumstances, certain candidates may be admitted to an MA preliminary course of one year's duration.

MA

Course work, in the form of regular seminar classes, is an important part of the MA syllabus and all students will be encouraged to attend these classes. Assessment may be by examination only (in which case four seminar courses must be taken over two years), by thesis only,

or by a combination of the two, at the discretion of the master's degree committee.

PH D

The only examination requirement for the degree of Doctor of Philosophy is the presentation of a thesis on an approved topic, but candidates will be encouraged to attend the postgraduate seminars in areas of study that are related to their own work.

All candidates seeking enrolment for these degrees must first discuss their plans with the chairman of the Department of English, as places in the graduate school are limited, and fields of study in which candidates will be accepted in any year will depend on the availability of suitable supervisors.

General fields available in 1972 will be sixteenth and seventeenth-century poetry and drama, particularly Shakespeare; eighteenth-century literature; the nineteenth-century novel; American literature of the nineteenth and twentieth centuries; Australian literature; and modern poetry. Brief descriptions of the postgraduate seminar courses to be offered in 1972, and reading lists will be available from the department at the end of 1971.

ENGLISH LANGUAGE

See 'Linguistics (English)'.

FRENCH

A course in French studies is available in the School of Humanities for both pass and honours students. It is designed, on the practical side, to develop proficiency in the use of the French language as a means of expression and communication and, on the cultural side, to foster the general intellectual development of the student through the study of French literature and French civilization.

The subjects at each level of the course have been selected to coincide as far as possible with those being offered at the same level in other disciplines taught in the School, and students are advised to take advantage of this arrangement. Because of the importance of historical and philosophical elements in literary study, a student who wishes to make French his major sequence is strongly recommended to take a history or philosophy subject, or one of each, as well as French at the first-year level. It will be assumed at the higher levels that a student taking French has some acquaintance with one or other of these disciplines. It is also recommended that students avoid a combination of subjects at first-year level which would tend to limit their attention to the study of language and literature only.

At second and third-year levels a choice of subjects is available, and a student taking a major in French will be required to take at least two of these subjects at each level.

FRENCH

A student may be selected for an honours course at the beginning of the second or third year on the basis of his performance in the pass course.

FRENCH I: French Language, Literature and Civilization (Full Unit)

Mr L. R. G. Hooke

In this subject, a good deal of attention will be given to developing the student's ability to use the language, and language laboratory facilities and tutorial classes will be provided for that purpose. Literary studies will largely be concentrated on the twentieth century. A general introduction to the study of French civilization will also be given.

Prerequisite: A pass in French at the Victorian higher school certificate examination or an approved equivalent.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a week for three terms. Language laboratory and language tutorials — four hours a week for three terms.

Students will be expected to spend additional time in the laboratory working individually.

Examination: Assessment by written and oral examination and year's work.

Prescribed Reading

LANGUAGE

Desberg, Dan and Kenan, L. R. *Modern French* Harcourt, Brace and World 1964

Beaujour, Michel and Regalado, N. R.S.V.P.: *invitation à écrire* Harcourt, Brace and World

Ferrar, Henry A *French Reference Grammar* 2d edn, Oxford Univ. Pr. 1967
Petit Larousse or *Nouveau Petit Larousse* Larousse

Lacroix, U. *Les mots et les idées; dictionnaire* Nathan 1956

Harrap's Shorter French and English Dictionary ed. J. E. Mansion rev. edn.
by M. Ferlin and P. Forbes, Harrap

Other titles may be indicated in class.

LITERATURE OF THE TWENTIETH CENTURY

Radiguet, Raymond *Le diable au corps* Livre de Poche

Mauriac, François *Thérèse Desqueyroux* ed. C. Jenkins Univ. London Pr. 1964

Camus, Albert *La Peste* ed. Strachan, Methuen

Sartre, Jean P. *Huis clos* ed. Hardre and Daniel, Methuen

Laye, Camara *L'Enfant Noir* ed. J. A. Hutchinson, Cambridge Univ. Pr. 1966

Ionesco, Eugene *Le Rhinocéros* Gallimard

Saint Exupéry, Antoine de *Terre des Hommes* ed. Shuffrey, Heinemann

CIVILIZATION

Ardagh, John *The New France* Pelican

Reference books for use in the library will be indicated in class.

FRENCH IIA: French Language, Literature and History of Ideas (Full Unit)

French IIA is the basic subject for French students at second-year level. As in French I, a good deal of emphasis will be given to the development of practical skill in the use of the language, and at this level students will be expected to present their literary exercises, written and oral, in French. Literary studies will be concerned with the seventeenth and eighteenth centuries.

Prerequisite: A pass in French I.

Class Requirements: Lectures or seminars — one a week for three terms. Tutorials — two a week for three terms. Language laboratory — one hour a week, under supervision, for three terms. (Students will be expected to spend additional time in the language laboratory working individually.)

Examination: Assessment by written and oral examination and year's work.

Prescribed Reading

LANGUAGE

Barson, J. *La grammaire à l'oeuvre* Holt, Rinehart and Winston 1970

Barson, J. *Cahier d'exercices: à l'oeuvre* Holt, Rinehart and Winston

Grevisse, Maurice *Précis de grammaire Française* Duculot

Petit Larousse or Nouveau Petit Larousse Larousse

Lacroix, U. *Les mots et les idées; dictionnaire* Nathan 1956

Harrap's Shorter French and English Dictionary ed. J. E. Mansion, Harrap

LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES

Lagarde, André and Michard, L. *XVII^e siècle* and *XVIII^e siècle* Bordas

Corneille, Pierre *Le Cid* ed. G. Griffé Bordas-Harrap (Coll. Petits Classiques Bordas)

Molière, Jean *L'Avare* ed. F. Angue, Bordas-Harrap (P.C.B.)

Racine, Jean *Andromaque* ed. Cogny, Bordas-Harrap (P.C.B.)

Montesquieu, Charles *Lettres persanes* Bordas

Voltaire, François *Romans et Contes* Garnier 1960

Diderot, Denis *Le Neveu de Rameau* Livre de Poche Classique

Rousseau, Jean J. *Les Réveries du promeneur solitaire* Bordas-Harrap (P.C.B.)

Chénier, André *Poésies Classiques* Larousse

FRENCH IIB: (a) Linguistics (Half Unit) and (b) Special Literary Study (Half Unit)

French IIB consists of specialised study for students who intend to take French as their major, and is designed to be taken in conjunction

FRENCH

with French IIA. Students taking the area of study course in Romance languages will do (a) only, in conjunction with a half unit in the philosophy of language.

Prerequisite: A pass in French I and a pass or current enrolment in French IIA.

(a) LINGUISTICS

This will consist of Linguistics II, a half-unit course that introduces second-year students to various aspects of the use of language: the nature of language; the sounds of language, with particular attention to Romance languages; the history and development of Romance languages; language in its social context.

Class Requirements: Classes will meet twice a week for thirteen weeks.

Examination: Assessment by class assignments.

Prescribed Reading

Gleason, Henry A. *An Introduction to Descriptive Linguistics* rev. edn, Holt 1961

Gleason, Henry A. *Workbook in Descriptive Linguistics* Holt 1955

Chao, Yuen Ren *Language and Symbolic Systems* Cambridge Univ. Pr. 1968

Recommended reading will be indicated in class.

(b) LITERATURE

The literary study consists of a special subject considered in some depth. In 1972, the subject will be the French theatre in the seventeenth and eighteenth centuries. Some language work will also be required.

Class Requirements: One lecture and one tutorial a week for three terms. Students may also be required to do special work in the language laboratory from time to time.

Examination: Assessment by written and oral examination and class assignments.

Prescribed Reading

Corneille, Pierre *Horace* ed. P. H. Nurse, Harrap 1963 or ed. P. Gaillard, Bordas-Harrap

Corneille, Pierre *Polyeucte* ed. P. Michel, Bordas-Harrap (P.C.B.)

Molière, Jean *Don Juan, Les Femmes Savantes* Bordas-Harrap (P.C.B.)

Racine, Jean *Bajazet, Phédre* ed. J. Salles, Bordas-Harrap (P.C.B.)

Baumarchais, Pierre *Le Barbier de Séville* ed. G. Bonneville, *Le Mariage de Figaro* ed. P. Gaillard, Bordas-Harrap (P.C.B.)

FRENCH IIIA: French Language and Literature (Full Unit)

Dr A. G. Paradissis

French IIIA is the basic subject for French students at third-year level. As in the earlier courses, the student will be expected to develop his practical skill in the use of spoken and written French. Literary studies will be devoted to the nineteenth and early twentieth centuries.

Prerequisite: A pass in French IIA.

FRENCH

Class Requirements: Lectures or Seminars — one a week for three terms.
Tutorials — three a week for three terms.

The language laboratory will be available for students who wish to further their practical competence in the language with the aid of laboratory exercises.

Examination: Assessment by written and oral examination and year's work.

Prescribed Reading

LANGUAGE

Grevisse, Maurice *Le Bon Usage: grammaire française* Geuthner

LITERATURE OF THE NINETEENTH AND EARLY TWENTIETH CENTURIES

Iagarde, André and Michard, L. *XIXe siècle* and *XXe siècle* Bordas-Harrap

Baudelaire, Charles P. *Les Fleurs du Mal* ed. A. Adam, Garnier 1961

Hugh, Victor *Ruy Blas* Bordas-Harrap (Petits Classiques Bordas)

Stendhal, *Le Rouge et le Noir* ed. H. Martineau, Garnier

Balzac, Honoré de *Le père Goriot* ed. P. G. Castex, Garnier

Flaubert, G. *Madame Bovary* ed. E. Maynial, Garnier 1961

Proust, Marcel *Combray* ed. Brée and Lynes, Harrap 1955

Claudel, Paul *L'Announce faite à Marie* Livre de Poche

Students intending to take this subject should consult the Professor of French at the end of the preceding year to obtain a list of books recommended for preliminary reading.

FRENCH IIIB: French Renaissance Literature (Full Unit)

Professor E. C. Forsyth

French IIIB is a course intended primarily for students who are taking a major in French. Normally, students taking this course will also be enrolled for French IIIA; students who are not so enrolled will be required to do the practical language work prescribed for French IIIA. This course may also be taken at fourth-year level in 1972 by final honours students.

Prerequisite: A pass in French IIA.

Class Requirements: Lectures or seminars — two a week for three terms.
Tutorials — two a week for three terms.

Examination: Assessment by written and oral examination and year's work.

Prescribed Reading

HISTORICAL BACKGROUND OF THE RENAISSANCE

Dresden, Samuel *Humanism in the Renaissance World* Univ. Library

Burchardt, Jakob C. *The Civilization of the Renaissance in Italy* (any edition)

LITERATURE OF THE SIXTEENTH CENTURY

Gougenheim, Georges *Grammaire de la langue française du XVIe siècle* IAC 1951

FRENCH

Decahors, Elie *Histoire de la littérature française: XVI^e siècle* Editions de l'Ecole 1949

Gray, Floyd F. *Anthologie de la poésie française du XVI^e siècle* Appleton-Century-Crofts 1967

D'Angoulême, Marguerite *L'Heptaméron* Classiques Garnier

Rabelais, François *Oeuvres complètes* vol. I ed. P. Jourda, Garnier 1962

Montaigne, Michel E. de *Selected Essays* ed. Tilley and Boase, Manchester Univ. Pr.

Garnier, Robert *Les Juifves* ed. M. Hervier, Garnier

La Taille, Jean de *Saül le Furieux* ed. E. C. Forsyth, Didier (STFM) 1969

FRENCH IIIC: Linguistics (Full Unit)

This will consist of Linguistics III, a third-year course. It is desirable that students taking it should have taken one of the second-year linguistics courses.

The course covers three main areas of study which will be dealt with in the three terms: (i) a survey of structuralist linguistic theories; (ii) generative transformational theories; (iii) theories of language acquisition.

Class Requirements: Classes will meet twice a week throughout the year.

Prescribed Reading

Lyons, John *Chomsky* Fontana 1970

Lyons, John *Introduction to Theoretical Linguistics* Cambridge Univ. Pr. 1968

Allen, J. P. B. and Van Buren, P. eds *Chomsky: Selected Readings* Oxford Univ. Pr. 1970

Langendoen, D. T. *The Study of Syntax* Holt 1969

McNeill, David *The Acquisition of Language* Harper and Row 1970

Lester, Mark *Readings in Applied Transformational Grammar* Holt 1970

Borger, R. and Seaborne, A. E. M. *The Psychology of Learning* Pelican

Examination: Assessment by class assignment.

Recommended reading will be indicated in class.

FRENCH IIID: Creative Writing and Literary Criticism (Full Unit)

French IIID is a course in the problems of creative writing and literary criticism intended for students who are taking a major in French. Normally, students taking this course will also be enrolled for French IIIA. This course will not be available in 1972.

HONOURS

Only a student who has shown real proficiency in the pass degree course in French at the first or second-year levels will be accepted for an honours course and permitted to offer subjects at fourth-year level. Normally, honours students begin additional work in their second year.

HISTORY

In their third year, students will undertake a small research project. At fourth-year level, special advanced work in language and literature will be done.

POSTGRADUATE STUDIES

Postgraduate students will be accepted for research in the following areas of French literature in 1972: sixteenth-century theatre in general, seventeenth-century theatre, nineteenth and twentieth-century novel. It is hoped that course work leading to the MA degree will be available in later years.

HISTORY

Though for administrative purposes located physically in the School of Humanities, the Department of History is a full member of each of the Schools of Humanities and Social Sciences. It offers a range of subjects which permit a student wishing to major in history to do so in either School. Which School such a student will seek to enter depends upon his preferences so far as supporting subjects are concerned. In the School of Social Sciences, history may be combined with economics, politics or sociology. Combinations involving English, modern languages or philosophy must be taken in the School of Humanities. For the full range of history subjects offered in both Schools see the accompanying diagram.

Students taking History IIIB will attend the same lectures, but different tutorials as students of History IIB. Students who took History IIB in 1971 may not take History IIIB in 1972.

A history major for the pass degree will include history subjects totalling at least five units, of which normally (a) one unit will be at first-year level; (b) two units will be at second-year level; (c) two units will be at third-year level. A student may offer either Politics I or History-Sociology I as the first-year unit for this purpose.

Some lectures and tutorials on historical method will be included in all first-year history subjects. In this connection students should read at least one of the following texts:

Elton, G. R. *The Practice of History* Collins 1969

Kitson Clark, George S. R. *The Critical Historian* Heinemann 1967

Thompson, David *The Aims of History* Thames & Hudson 1969

Second and third-year students will also receive some methodological training, and all history majors, at third-year level, will be required to write at least one essay based significantly on individual research. No third-year student will be asked to write more than two such essays, unless he specifically desires it.

HISTORY

The accompanying diagram is designed to set out the subjects offered by the History Department in such a way as to provide students with a simple means of working out possible combinations and sequences of history subjects. Students should note particularly that it is possible to select courses in such a way as to specialize in certain areas or fields. For example a student with a strong interest in European history could take either History IA, IB or ID at first year, History IIA and IIH at second year, and History IIIB at third year. A student with a desire to specialize in Asian history could take History IIC, IID and IIE at second year, and History IIIC at third year. Other sequences can be worked out, and students requiring assistance should consult Dr J. B. Hirst.

Half units offered in the first half of the year are shown in left-hand 'boxes': those offered in the second half of the year appear in right-hand 'boxes'. Full details of each subject follow.

Please note that, owing to anticipated staffing difficulties, it will be necessary to impose quotas on some subjects. Student advisers will be given full details of these as soon as they become available.

HISTORY IA: World History in the Twentieth Century (Full Unit)

Mr R. Johnson

This subject examines a limited number of aspects of world history since 1914. Particular attention is devoted to revolutionary Russia and to the Spanish Civil War.

Prerequisite: None.

Class Requirements: Two lectures and one tutorial a week.

Examination: Assessment by means of essays and class work.

Preliminary Reading

*Barracough, G. *An Introduction to Contemporary History* Penguin 1967

Prescribed Reading

*Kochan, Lionel *The Making of Modern Russia* Penguin 1968

*Kochan, Lionel *Russia in Revolution* Panther 1970

*Carr, Edward H. *The Bolshevik Revolution 1917-1923* vol. I, Penguin 1969

*Deutscher, Isaac *Stalin* Penguin 1968

*Thomas, Hugh *The Spanish Civil War* Penguin 1965

Note: Certain other books will be added to this list at a later date.

HISTORY IB: The French Revolution (Full Unit)

Mr J. Cashmere, Dr J. Hammerton

This full unit examines some of the major political and social developments in France before and during the French Revolution. Special emphasis is given to select problems by means of the concentrated study

HISTORY

FIRST-YEAR COURSES

IA Europe Since 1914

IB French Revolution

IC Iberian Empires

ID Early Modern Europe

IE Social History

History Sociology I Mexico

SECOND YEAR

IIA 16-18th Century Europe

IIB Europe 1815-1939

IIC Traditional India

IID Modern India

IIE Traditional China and Japan

IIF Colonial North America

IIG USA 1789-1877

HISTORY

IIH British History

History Sociology II Brazil

THIRD YEAR

IIIP Pacific History

IIIB Europe 1815-1939

IIIC Modern East Asia

IIID USA 1877-1920

IIIE USA since 1920

IIIK African History

IIIG Colonial Australia

**IIIM Australia and
the Wars**

IIIF The Renaissance

**IIIO Australian
Labour History**

IIHH Literature and Society in Colonial America

IIIN Readings

HISTORY

of documents, for example: The Brittany Affair and the Ancien Regime, the Ninth of Thermidor, and French social structure during the Revolution.

Prerequisite: None.

Class Requirements: One lecture a week and occasional additional lectures. One tutorial a week for three terms.

Examination: Assessment by means of essays, class work and an end of year examination.

Preliminary Reading

*Cobban, Alfred *A History of Modern France* vol. I, Penguin 1963

*Hampson, Norman *A Social History of the French Revolution* Routledge 1963

*Rothney, John *The Brittany Affair and the Crisis of the Ancient Regime* Oxford 1969

*Bienvenu, Richard *The Ninth of Thermidor: The Fall of Robespierre* Oxford 1968

HISTORY IC: Iberian Empires (Full Unit)

Dr A. Disney

A study of some of the central issues of the colonial experience of the Spaniards and Portuguese, and their subject peoples in America and Asia, between 1492 and 1808. Themes to be considered include culture contact, the organization of colonial society, the trade pattern, communications and imperial administration. There will be an emphasis on the Antilles, Peru and Brazil for the Americas, and on Portuguese India and the Philippines for Asia.

Prerequisite: None.

Class Requirements: To be determined.

Examination: To be determined.

Preliminary Reading

*Cohen, John M. ed. and trans. *The Four Voyages of Christopher Columbus* Penguin 1969

Parry, John H. *The Spanish Seaborne Empire* Hutchinson 1966

Boxer, Charles R. *The Portuguese Seaborne Empire* Hutchinson 1969

HISTORY ID: Europe in the Age of the Reformation Circa 1500 to 1648 (Full Unit)

Dr W. W. Phillips

This course, which takes a broad view of 'the Age of the Reformation', will study major religious changes and conflict, questions of church and state and religious liberty and toleration in relation to social and political developments in the sixteenth and early seventeenth centuries.

Prerequisite: None.

Class Requirements: One or two lectures a week and one tutorial a week for three terms.

HISTORY

Examination: Written work will be required throughout the year; full details of assessment and examinations will be announced at the beginning of the course.

Preliminary Reading

*Elton, Geoffrey R. *Reformation Europe, 1517-1559* Collins 1963

*Elliott, John H. *Europe Divided, 1559-1598* Collins 1968

A full list of reading and primary sources will be issued with tutorial topics at the beginning of the course.

HISTORY IE: Social History — Australia and Great Britain (Full Unit)

Dr June Philipp

The subject is concerned with two or three themes which will be studied intensively from primary material.

1. Perceptions of colonial society, based on New South Wales during the 1830's as it was viewed from different vantage points in Great Britain and within the colony.
2. A study of the reaction of Melbourne to the discovery of gold, as one means of learning about the kind of society that existed on the eve of the gold rush. This study will be based mainly on newspapers, and for each tutorial group it will be a joint investigation.
3. An examination of the appointment of the colonial land and emigration commissioners in 1840.

Prerequisite: Australian history at higher school certificate.

Class Requirements: One two-hour tutorial a week. Lectures will be given from time to time and only as they are needed to assist the functioning of tutorial groups.

Examination: Assessment by means of essays and class work. A subject quota of 50 students will be imposed in 1972 on enrolments in the subject.

Prescribed Reading: Most of the material used for study will be supplied to students in roneod or photocopy form.

HISTORY-SOCIOLOGY I: Mexico (Full Unit)

**Professor J. I. Martin (Sociology), Mrs I. Clendinnen (History),
Mr D. Potts (History)**

History-Sociology I is designed to introduce students to the aims and methods of the two disciplines through an examination of Mexican society. It is one of the three full-unit options available to students who wish to proceed to sociology in second year, and it serves as a prerequisite for any second-year history subject.

The history section will include studies of the following topics, for the area now recognized as the state of Mexico: Aztec society and the Aztec empire before Spanish conquest; the impact of Spanish rule and culture on the Indians; colonial society in the seventeenth and eighteenth centuries; the struggle for and achievement of independence; nineteenth century instability and dictatorship; the Mexican revolution of 1910-20;

HISTORY

the social and political development of post-revolutionary Mexico to the present day.

In the second section of the subject, an interpretive study of contemporary Mexican society will provide an introduction to the basic perspectives, methods and concepts of sociology. Among the aspects of Mexican society studied will be: economic and social development, class structure, poverty, urbanization and population growth, Indian communities, fiestas and religion. Methods of data collection and analysis in sociology will be introduced to the student by means of class or individual projects.

Prerequisite: None.

Class Requirements: One lecture, one tutorial and one general meeting a week, or their equivalent, for three terms.

Examination: One three-hour paper and class assignments.

Preliminary Reading

*Soustelle, Jacques *The Daily Life of the Aztecs* Penguin 1964

*Del Castillo Diaz, Bernal *The Conquest of New Spain* Penguin 1963

*Lewis, Oscar *The Children of Sanchez* Penguin 1964

*Lewis, Oscar *Life in A Mexican Village; Tepetzlan Restudied* Univ. of Illinois Pr. 1963

It may be necessary to impose a quota on enrolments in this subject.

HISTORY IIA: European Society and its Ideas from the Renaissance to the Enlightenment (Full Unit)

Dr L. Mulligan, Mrs J. Richards

The history of thought from the sixteenth to the eighteenth centuries will be related to the political and social situations of the time.

Prerequisite: Any first-year history subject.

Class Requirements: One or two lectures and one tutorial a week for three terms.

Preliminary Reading

*Bronowski, Jacob and Mazlish, B. *The Western Intellectual Tradition* Penguin 1963

or

*Brinton, Clarence C. *The Shaping of Modern Thought* Prentice Hall 1963

HISTORY IIB: European History 1815-1939 (Full Unit)

Mr D. F. C. Johanson, Mr A. A. Barta

Lectures in this subject will offer a comparative study of the developments of liberalism, nationalism, conservatism and socialism in France, Italy, Germany and Russia. In tutorials students will be expected to pursue selected themes in some depth.

Prerequisite: Any first-year history subject.

Class Requirements: Usually two lectures and one tutorial a week.

HISTORY

Examination: Assessment by means of essays, class work and examination.

Preliminary Reading

*Hobsbawm, Eric J. *The Age of Revolution, 1789-1848* New American Library 1964

HISTORY IIC: Traditional India (Half Unit)

Mr Z. Ahmad

This subject will cover the history and civilization of India from the earliest times to the sixteenth century. Due emphasis will be placed on social, religious, philosophical, literary and artistic developments.

Prerequisite: Any first-year history subject.

Class Requirements: One lecture and one tutorial a week.

Prescribed Reading

*Majumdar, Ramesh C., Raychaudhuri, H. C. and Datta, K. K. *An Advanced History of India* MacMillan 1967

*Smith, Vincent A. *The Oxford History of India* 3rd edn, Clarendon Press 1967

*de Barry, William T. *Sources of Indian Tradition* vol. I, Columbia Univ. Pr. 1964

*Zaehner, Robert C. *Hinduism* 2nd edn, Oxford Univ. Pr. 1966

*Conze, Edward *Buddhism* Harper 1959

*Hutton, John H. *Caste in India* 4th edn, Oxford Univ. Pr. 1963

Spellman, John W. *Political Theory of Ancient India* Clarendon Pr. 1964

*Rowland, Benjamin *The Art and Architecture of India* Penguin 1967

*Guillaume, Alfred *Islam* 2nd edn, Penguin 1956

Prasad, Ishwari *History of Mediaeval India* 3rd edn, Indian Pr. 1966

Further references will be given as lectures proceed.

HISTORY IID: Modern India (Half Unit)

Mr H. Martell

This subject is concerned with the history and culture of the Indian peoples from the advent of the Mughals until the mid-twentieth century. Emphasis will be placed on the social and intellectual movements during the period.

Prerequisite: Any first-year history subject.

Class Requirements: One lecture and one tutorial each week. Students will be required to undertake one research essay, and to submit two short tutorial papers.

Preliminary Reading

McLane, John R. *The Political Awakening in India* Prentice-Hall 1970

Rudolph, Lloyd I. and Rudolph, S. H. *The Modernity of Tradition* Univ. of Chicago Pr 1967

Prescribed Text

De Bary, William T. ed. *The Sources of Indian Tradition*, vol. 2, Columbia Univ. Pr. 1964

Further references will be given at the commencement of the course.

HISTORY IIE: Traditional China and Japan (Full Unit)

Dr C. Jeffcott and Dr D. Huish

This course, mostly on China, will be an introductory survey of some important topics rather than a detailed study of events. It will concentrate on three main themes:

1. The development and background of Chinese thought, including study of some major writers in translation.
2. The main institutions of the Chinese empire under the later dynasties.
3. The general character of Japanese society and politics in the Tokugawa period (1600-1868).

The character and role of Confucianism in the two societies will also be discussed.

Prerequisite: Any first-year history subject.

Class Requirements: Usually one or two lectures and one tutorial or seminar a week.

Examination: Assessment by means of essays and class work.

Preliminary Reading

*Dawson, Raymond S. *The Legacy of China* Clarendon Pr 1964

Prescribed Reading

Reischauer, Edwin O. and Fairbank, J. K. *A History of East Asian Civilization* vol. I, *East Asia: The Great Tradition* Allen and Unwin 1960

*Creel, Herrlee G. *Chinese Thought* Univ. of Chicago Pr. 1953

*de Bary, William T. et al eds *Sources of Chinese Tradition* vol. I, Columbia Univ. Pr. 1964

*Tsunoda, Ryusaka, et al eds *Sources of Japanese Tradition* vol. I, Columbia Univ. Pr. 1964

Other books will be recommended during the course.

HISTORY IIF: Colonial North America (Half Unit)

Mr R. J. Shultz

A study of British colonial societies in North America, to the late eighteenth century. Special emphasis will be given to the development and emergence of a distinct society capable of throwing off British rule and establishing an independent nation.

Prerequisite: Any first-year history subject.

Class Requirements: An average of one lecture and one tutorial a week for thirteen weeks. Additional lectures may be scheduled.

Examination: Assessment by means of essays, book review and final examination.

Preliminary Reading

*Boorstin, Daniel J. *The Americans: The Colonial Experience* Penguin 1965

Christie, Ian R. *Crisis of Empire: Great Britain and the American Colonies 1754-1783* E. Arnold 1966

Ver Steeg, Clarence L. *The Formative Years 1607-1763* Hill and Wang 1964

HISTORY

HISTORY IIG: U.S.A. 1789-1877 (Half Unit)

Dr T. P. Dunning

A study of selected aspects of society and culture in the USA from the ratification of the Constitution through the end of reconstruction.

Prerequisite: Any first-year subject in history.

Class Requirements: One lecture and one tutorial a week for one and a half terms.

Examination: Assessment by means of essays, class work and seen final examination.

Preliminary Reading

Cunliffe, Marcus *The Nation Takes Shape* Univ. of Chicago Pr. 1959

HISTORY IIH: British History (Full Unit)

Mr A. Tyrrell

This full unit is concerned with selected aspects of United Kingdom history between 1815 and 1914. In 1972 these will be (a) popular politics (1830-1850; 1890-1914); (b) the characteristics of mid-Victorian society.

Central to the course will be a critical, comparative study of the analysis offered by various historians.

Prerequisite: Any first-year history subject.

Class Requirements: One tutorial a week and prescribed written work.

Assessment: Essays and examination.

Preliminary Reading

Briggs, Asa *The Age of Improvement* Longmans 1959

HISTORY-SOCIOLOGY II: Brazil (Full Unit)

Dr Ireland, Dr Disney, Miss Lauderdale

Selected themes in the history and sociology of Brazil. These will include studies of how the various racial and social elements related from pre-colonial times to the present, and of characteristics and trends in the Brazilian power structure. Methods and perspectives of both disciplines will be integrated.

Prerequisite: Any first-year history or sociology subject but preferably History-Sociology I.

Class Requirements: One or two lectures and one seminar a week for three terms.

Examination and Assessment: To be determined.

Not more than 60 students will be permitted to enrol in this course.

Preliminary Reading

*Poppino, Rollie E. *Brazil, the Land and the People* Oxford Univ. Pr. 1968

*Freyre, Gilberto *The Masters and the Slaves* Knopf 1964

*Wagley, Charles *Introduction to Brazil* Columbia Univ. Pr. 1965

*Cunha, Euclides da *Rebellion in the Backlands* Univ. of Chicago Pr. 1964

HISTORY IIIP: Pacific History (Full Unit)

Dr A. Ward, Mrs B. Douglas

This unit examines the meeting of European and indigenous peoples in selected areas of the Pacific, and possibly Australia, from the period of European exploration to the mid-twentieth century. The course will explore, through the use of documents where possible, the values and institutions of the interacting cultures, the social, economic, political and religious changes resulting from the interaction, and the emergence of new societies and states.

Prerequisite: Any second-year history subject.

Class Requirements: Two two-hour seminars a week.

Examination: Assessment by essay and class work.

Preliminary Reading

*Oliver, Douglas L. *The Pacific Islands* Doubleday 1961

Beaglehole, John C. *The Exploration of the Pacific* Black 1966

HISTORY IIIB: (Full Unit)

Mr Johanson, Mr Barta

Prerequisite: Any second-year history subject.

See entry for History IIB.

Please note that students who took History IIB in 1971 cannot enrol for History IIIB.

HISTORY IIIC: Modern East Asian History (Full Unit)

Dr J. S. Gregory (China), Dr D. J. Huish (Japan)

A study of China and Japan from early nineteenth to mid-twentieth century. The approach will be thematic rather than comprehensive and will centre on the overriding problem of 'modernization' posed for these countries by their necessary accommodation with the West.

Prerequisite: Any second-year history subject, preferably IIE.

Class Requirements: Two lectures and one tutorial a week for three terms.

Examination: Approximately equal weight will be given on the one hand to written and tutorial work during the year and on the other to the examination paper or papers.

Prescribed Reading

Students are strongly advised to obtain their own copy of all of the following:

Crowley, James B. ed. *Modern East Asia: Essays in Interpretation* Harcourt, Brace & World 1970

Hall, John W. *Japanese History: New Dimensions of Approach and Understanding* American Historical Association 1966

Reischauer, Edwin O., Fairbank, J. K. and Craig, A. M. *A History of East Asian Civilization*. vol. 2, *East Asia, the Modern Transformation* Allen and Unwin 1965

HISTORY

Teng, Ssu-yu and Fairbank, J. K. *China's Response to the West* Harvard Univ. Pr. 1954

Tsunoda, Ryusaka, de Bary, W. T. and Keene, D. *Sources of Japanese Tradition* vol. II, Columbia Univ. Pr. 1958

Further reading will be set as the course proceeds.

HISTORY IID: USA 1877-1920 (Half Unit)

Dr W. J. Breen

This half unit deals with the American response to the forces of industrialism between 1877 and 1920. Particular problems examined include the shift in the intellectual climate that accompanied the change from an agricultural to an urban-industrial economy, the breakup of the old political system, and the changing role of the government in society.

Prerequisite: Any second-year history subject.

Class Requirements: At least one lecture and one tutorial a week.

Examination: By means of essays, class work and final exam.

Preliminary Reading

*Degler, Carl N. *Out of Our Past* Harper 1970

Prescribed Reading

*Wiebe, Robert H. *The Search for Order, 1877-1920* Hill and Wang 1968

*Hays, Samuel P. *The Response to Industrialism: 1885-1914* Univ. of Chicago Pr. 1957

*Goldman, Eric F. *Rendezvous with Destiny* Vintage 1956

*Hofstadter, Richard *The Age of Reform* Vintage 1955

*Abrams, Richard M. *The Issue of Federal Regulation in the Progressive Era* Rand McNally 1963

HISTORY IIIE: The USA in the Twentieth Century (Half Unit)

Professor J. Salmond

Aspects of the history of the United States since World War I will be studied. The New Deal of Franklin D. Roosevelt will be considered in some depth.

Prerequisite: Any second-year history subject.

Class Requirements: To be announced at the beginning of the course.

Examination: Assessment by means of essays and other work.

Preliminary Reading

*Mowry, George E. *The Urban Nation* Hill and Wang 1965

*Degler, Carl N. *Out of Our Past* Harper 1970

Prescribed Reading

*Leuchtenburg, William E. *Franklin D. Roosevelt and the New Deal* Harper 1963

HISTORY IIIK: African History (Full Unit)**Dr A. P. Haydon**

This full unit adopts a thematic approach to the history of sub-Saharan Africa. It examines the diversity in the structures of traditional societies; the social and political changes which took place under colonial rule and the evolution of nationalism prior to independence.

Prerequisite: Any second-year history subject.

Class Requirements: One lecture and one tutorial a week.

Written Requirements: One research essay and one shorter essay or three short essays.

Examination: One three-hour paper, to be distributed to candidates in the third term.

Preliminary Reading

*Bohannon, Paul *African Outline* Penguin 1966

Prescribed Reading

Hallett, Robin *Africa to 1875* Univ. of Michigan Pr. 1970

*Lloyd, Peter C. *Africa in Social Change* Penguin 1967

No more than 40 students will be enrolled in this course.

HISTORY IIIG: Colonial Australia, 1860-1901 (Half Unit)**Dr J. B. Hirst**

This half unit will examine aspects of colonial society and politics (with special emphasis on class and religious differences) and the development of a national consciousness.

Prerequisite: Any second-year history subject.

Class Requirements: Two lectures and one tutorial a week.

Preliminary Reading

*Clark, Manning *A Short History of Australia* New American Library 1963

Prescribed Reading

*Eastwood, Jennifer J. and Smith, F. B. comps *Historical Studies, Selected Articles* Melbourne Univ. Pr. 1964

*Beaver, Margot and Smith, F. B. comps *Historical Studies, Selected Articles, Second Series* Melbourne Univ. Pr. 1967

*Gollan, Robin *Radical and Working Class Politics* Melbourne Univ. Pr. 1967

*McQueen, Humphrey *A New Britannia* Penguin 1970

HISTORY IIIM: Australia and the Wars (Half Unit)**Dr J. Barrett**

In the twentieth century Australians have been involved in the Boer War, the Great War, the Second World War, Korea and Vietnam. This course is not so much concerned with the military history of those wars as with a different kind of question. Why did Australians become involved? What attitudes have Australians taken to the wars? What do

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their responses show about Australians? What have been the consequences for their society and nation?

Prerequisite: Any second-year history subject.

Class Requirements: One lecture and one tutorial a week, each of an hour, in the second half of the year.

Assessment: By tutorial performance, written work and examination, each counting for one third.

Preliminary Reading

*Moorehead, Alan *Gallipoli* New American Library 1968

*Robson, Leslie L. *Australia and the Great War* Macmillan 1970

*Main, J. M. *Conscription* Cassell 1970

Hasluck, Paul M. C. *The Government and the People, 1939-1941* Aust. War Memorial 1965

Hasluck, Paul M. C. *The Government and the People, 1942-1945* Aust. War Memorial 1970

HISTORY IIIF: The Renaissance (Half Unit)

Professor F. X. Martin

Aspects of the Renaissance will be studied. Further details will be available from the History Department later in the year.

Prerequisite: Any second-year history subject.

No more than 30 students will be enrolled in this course.

HISTORY IIIO: Australian Labour History (Half Unit)

Dr P. Cook

This half unit is concerned with the Australian Labor Party and the trade unions in the twentieth century. It also examines the industrial workers of the world and the Communist Party of Australia. Particular attention is given to industrial strikes . 1910-1965.

Prerequisite: Any second-year history subject.

Class Requirements: One two-hour seminar a week.

Examination: Assessment by means of essays, class work and a short exam.

Preliminary Reading

Davidson, Alastair *The Communist Party of Australia: A Short History* Hoover Inst. Pr. 1969

Rawson, Donald W. *Labor in Vain? A Survey of the Australian Labor Party* Longmans 1966

HISTORY IIH: Literature and Society: North America, 1607-1820 (Full Unit)

Dr Alan Frost and Mr Rhys Isaac

A study in depth of chosen works aimed at an exploration of the relationship of literary expression to social structures, values, style and taste in a developing colonial situation. Cultural provincialism and the

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evolution from colonial to national self-awareness are themes relevant to our Australian context. The course will be designed to be of interest to students of literature as well as history.

Prerequisite: Any second-year subject in history or English.

Class Requirements: One lecture and one two-hour seminar.

Examination: To be determined.

Preliminary Reading

*Williams, Raymond *Culture and Society 1780-1950* Penguin 1968

Baritz, Loren *City on a Hill* Wiley 1964

(Seek advice from Dr Frost or Mr Isaac.)

Prescribed Texts

LITERATURE

*Bradford, William *Of Plymouth Plantation* ed. Harvey Wish, Putnam 1962

*Bradstreet, Anne *Poems of Anne Bradstreet* ed. Robert Hutchinson Dover 1969

*Edwards, Jonathan *Representative Selections* ed. Clarence H. Faust and Thomas H. Johnson rev. edn. Hill and Wang 1962

*Franklin, Benjamin *The Autobiography of Benjamin Franklin* ed. Leonard W. Labaree et al, Yale Univ. Pr. 1964

*Crevecoeur, Michel G. St. J. *de Letters from an American Farmer* Dutton 1957

*Jefferson, Thomas *Notes on the State of Virginia* Univ. of N. Carolina Pr. 1954

*Freneau, Philip *Poems* Hafner 1960

*Brackenridge, Hugh *Modern Chivalry* College and Univ. Pr. 1971

*Cooper, James *The Pioneers* New American Library 1964

SOCIAL-INTELLECTUAL HISTORY

Miller, Perry *The New England Mind: From Colony to Province* Beacon 1961

Lockridge Kenneth A. *A New England Town: The First Hundred Years* Norton 1970

HISTORY IIIN: Individual Readings Courses (Half Unit)

Professor J. Salmond

The Department of History will approve enrolment of a few third-year students in individual readings courses in 1972. Normally, approval to enrol in such courses will be granted only to history majors who are highly motivated and who also have a clearly defined subject they wish to study. Qualified students who are interested in enrolling in readings courses should, in the first instance, discuss their intention and their proposed course of study with the member of staff under whom they wish to work. Following that discussion, interested students should secure the departmental hand-out describing the requirements of reading courses

LATIN AMERICAN STUDIES

from the secretary of the History Department and then lodge a letter of application to enrol in a readings course with the chairman of the Department of History.

Prerequisite: Students must be third-year history majors.

Class Requirements: To be determined.

Preliminary Reading: None.

Prescribed Reading: To be determined.

HONOURS COURSES

In their third year, prospective honours students, chosen by the department on the basis of first and second-year work, will be required to take a one-term course of lectures and seminars on historical method, in addition to their other history subjects. There will be no formal examination of this course, but written work may be required. Satisfactory participation in this course will normally be a condition of acceptance into the fourth, honours year.

Fourth-year students are required to write a research essay (normally 8,000—12,000 words) whose topic is to be chosen and approved before the long vacation at the end of the third year. In the first term of the fourth year the preparation of the research essay is to be accompanied by a weekly seminar in reflective history, which in the first term will take the form of a 'Writing Workshop'. The essay is to be submitted on the last day of second term.

The reflective history course will continue in second and third terms. In addition students will take a seminar course in one special subject chosen from a range of options. These will begin in first term, and further details will be available early in 1972.

The final honours examination will consist of papers in method and the special subject. The research essay and other written work during the year will also be considered in making the final assessment of an honours student's work.

POSTGRADUATE STUDIES

A limited number of qualified students will be accepted for postgraduate studies in history, for the MA qualifying, the MA or the Ph.D.

Available fields of study will include Australian history, American history, Latin American history, East Asian history and South Asian history, modern European history, modern British history.

The MA requirements may be satisfied either by the writing of a thesis, or by an approved combination of thesis and other work. The Ph.D. is by thesis only.

LATIN AMERICAN STUDIES

Latin American studies consist of a group of subjects taken from the disciplines of Spanish language, Latin American literature, Portuguese

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language and Brazilian literature, history, sociology, genetics and human variation, politics.

The course may be taken as a major or as an honours course. The following is a typical scheme of study:

First year: Spanish I, History-Sociology I (Mexico), Philosophy I

Second year: Spanish IIB (practical Spanish, Latin American literature, introduction to Spanish phonetics and Romance linguistics, the biology of human populations), History-Sociology II (Brazil), Philosophy II

Third year: Spanish IIIA (Spanish language and Latin American literature), Spanish IIID (Siglo de Oro Spanish literature), Spanish IIIE (Portuguese I)

Fourth year: A selection of topics from Spanish IV

Students intending to undertake this area of study should consult a student adviser in the Spanish division to discuss choice of subjects before enrolling.

LEGAL STUDIES

Courses in legal studies will be available to students in the School of Social Sciences. Teaching, at first-year level only, will begin in 1972, with Legal Studies I. Second and third-year level courses will be added in subsequent years, to enable students to take either a major (five units) or up to three units in legal studies outside the major. Honours courses will also be available.

The objective of the Department of Legal Studies will be to relate its courses to those already available in the School of Social Sciences. The courses will be planned so as to communicate to students, among other things, an understanding of the concepts, the 'tools' and the techniques of law as a means of social control, with a view to exploring the interrelation between law and society and the potentialities and the shortcomings of law. Attention will be focused also on the extent to which the insights of other academic disciplines may illuminate some of the problems which arise in the course of administering the law.

Tentative planning suggests that second-year courses may include a course exploring the legal foundations of government, including an examination of the legal problems arising in both unitary and federal constitutions, and in the imposition of legal restraints upon the administrative process; a course examining fundamental problems of the criminal law, including the prevention of crime and the treatment of criminals; and a course examining the legal institutions which underlie and facilitate economic activity. It is expected that third-year courses will include courses on legal theory and the sociology of law.

Students will not be specifically prepared for the practice of the law, although the possibility is recognized that some students will later seek admission to a law school in order to complete their professional training.

LINGUISTICS

LEGAL STUDIES I: Law in Society (Full Unit)

Professor E. K. Braybrooke

This unit is intended to provide students with an understanding of the ways in which law operates as an instrument of social control, principally by examining the development and the working of law in three specific areas of current concern: consumer protection, accident prevention and compensation, and the protection of basic civil liberties.

Prerequisite: None.

Class Requirements: One lecture (or class discussion) and one tutorial a week.

Examination: Assessment by means of written tutorial papers, two short essays, and one three-hour examination.

Preliminary Reading

*Derham, D. P., Maher, F. K. H. and Waller, L. *Introduction to Law* 2nd edn, Law Book Co. Ltd. 1971

Prescribed Reading

*Borrie, G. and Diamond, A. L. *The Consumer, Society and the Law* Penguin 1964

*Elliott, D. W. and Street, H. *Road Accidents* Penguin 1968

*Szakats, A. *Compensation for Road Accidents* Sweet and Maxwell, NZ 1968

*Street, H. *Freedom, the Individual and the Law* Penguin 1963

Materials for class and tutorial discussion will be distributed throughout the year.

LINGUISTICS

LINGUISTICS (English) (Half Unit)

Linguistics (English) is available to students at second-year level and may be taken in conjunction with the half unit Philosophy IIG (philosophy of language) to form a full unit.

The main areas looked at in Linguistics (English) are: the nature of language; the phonetics of English; the syntax of English; the social implications of language.

Prerequisite: None.

Class Requirements: Two class meetings a week for thirteen weeks.

Examination: Assessment by class assignments. An examination may be set if necessary.

Prescribed Reading

Gleason, Henry A. *An Introduction to Descriptive Linguistics* Holt, Rinehart and Winston 1967 or later edn.

Gleason, Henry A. *Workbook in Descriptive Linguistics* Holt, Rinehart and Winston 1967 or later edn.

LINGUISTICS

Chao, Yuen Ren *Language and Symbolic Systems* Cambridge Univ. Pr. 1968

A list of recommended reading is available from the Department of Modern Languages.

LINGUISTICS II (Half Unit)

This half unit introduces second year students to various aspects of the use of language: the nature of language; the sounds of language, with particular attention to Romance languages; language in its social context. Linguistics II is designed to complement Philosophy IIG (philosophy of language) to constitute a full unit. (Note: no Linguistics I course is at present offered.)

Prerequisite: None.

Class Requirements: Two class meetings a week for thirteen weeks.

Examination: Assessment will be by class assignments. An examination may be set if necessary.

Prescribed Reading

Gleason, Henry A. *An Introduction to Descriptive Linguistics* Holt, Rinehart and Winston 1967 or later edn.

Gleason, Henry A. *Workbook in Descriptive Linguistics* Holt, Rinehart and Winston 1967 or later edn.

Chao, Yuen Ren *Language and Symbolic Systems* Cambridge Univ. Pr. 1968

A list of recommended reading is available from the Department of Modern Languages.

LINGUISTICS III (Full Unit)

This is a unit at third-year level, and it is desirable that students taking it should have completed Linguistics II or English I.

The course covers three main areas of study, which will be dealt with in the three terms:

1. a survey of structuralist linguistic theories;
2. generative transformational theories;
3. theories of language acquisition.

Class Requirements: Class meetings twice a week throughout the year.

Examination: Assessment will be by class assignments.

Prescribed Reading

*Lyons, John Chomsky Collins 1970

*Lyons, John *Introduction to Theoretical Linguistics* Cambridge Univ. Pr. 1968

Allen, J. P. B. and Van Buren, P. eds. *Chomsky: Selected Readings* Oxford Univ. Pr. 1970

McNeill, David *The Acquisition of Language* Harper and Row 1970

Lester, Mark *Readings in Applied Transformational Grammar* Holt, Rinehart and Winston 1970

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*Borger, R. and Seaborne, A. E. M. *The Psychology of Learning* Penguin 1970

A list of recommended reading is available from the Department of Modern Languages.

LINGUISTICS IV

Honours courses in linguistics are available to fourth-year students according to their aptitudes and needs. More information is available from the Department of Modern Languages.

POSTGRADUATE STUDIES

Details available from Department of Modern Languages.

MATHEMATICS

A student who wishes to major in mathematics may do so in any one of the Schools of Humanities, Physical Sciences and Social Sciences. Which School such a student will seek to enter depends partly upon his preferences so far as supporting subjects (and possible alternative majors) are concerned. He will also need to take into account the way the different regulations of these Schools affect the choice and flexibility of the mathematics subjects he may wish to choose.

Courses are given in three disciplines: pure mathematics, applied mathematics and mathematical statistics. Subjects available in 1972 in both the Schools of Humanities and Social Sciences are Mathematics IA and IC, Pure Mathematics II and III, Applied Mathematics II and III, Mathematical Statistics II and III, General Mathematics II and III and Mathematics IV. In addition Mathematics IB is available for students in the School of Humanities, while Mathematics IBI (which is a part of Mathematics IB) is available for students in the School of Social Sciences.

First-year subjects do not specialize in any branch of mathematics: each is designed to give the student a broadly-based introduction to mathematical principles, techniques and their applications. Students intending to take Pure Mathematics II or Applied Mathematics II should take Mathematics IA and also, depending on their School, either Mathematics IB or IBI. Mathematics IC is a terminal course and is incompatible with any one of Mathematics IA, Mathematics IB and Mathematics IBI.

The main feature of mathematics subjects at second and third-year level is the choice allowed each student in planning his syllabus. This is achieved by dividing each subject into a number of components; students are allowed some degree of freedom in choosing their components, in taking some third-year components in second year and vice-versa and in taking some of their components outside the subject in which they are formally enrolled. The choice is necessarily restricted in second year,

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where many components are compulsory, but a wider choice will be available in third year.

Students wishing to obtain an honours degree in mathematics must complete the subject Mathematics IV. In addition to coursework and examinations in this subject each student must write a thesis, the assessment of which will count towards his final result.

FIRST-YEAR SUBJECTS

Mathematics IA, IB, IBI and IC

The subjects offered in first year in both Schools are Mathematics IA and IC. In addition Mathematics IB is available in the School of Humanities while Mathematics IBI (which is a part of Mathematics IB) is available in the School of Social Sciences. Students taking either IB or IBI must take IA concurrently. IC is a terminal course. Mathematics IA, IB and IC are each a full unit while Mathematics IBI is a half unit.

Mathematics IA introduces some basic concepts and techniques of mathematics and motivates them by referring to their use in the various sciences.

Mathematics IB consists of two half courses. In one of these the emphasis is on further development of the concepts introduced in IA. In the other the emphasis is on applications, especially to the physical sciences.

Mathematics IBI is a half unit available only in the School of Social Sciences. It consists of the first half course described under Mathematics IB and a small part, which is considered especially relevant to the social sciences, of the second half course described under Mathematics IB.

Mathematics IC is designed principally to meet the requirements of students in the School of Agriculture, Biological Sciences and Social Sciences although it may prove useful to those seeking a general introductory course in mathematics. Students who have passed the matriculation examinations in pure mathematics and calculus and applied mathematics and who wish to take only one mathematics subject should enrol in Mathematics IA rather than in Mathematics IC.

Prerequisites

While there are no formal prerequisites for any first-year mathematics subject, students are warned that the level of subjects in mathematics is determined under the assumption that

1. each student enrolled for Mathematics IC has passed the matriculation examination in general mathematics,
2. each student enrolled in Mathematics IA has passed the matriculation examination in both pure mathematics and in calculus and applied mathematics.

Students who enrol in Mathematics IA with only general mathematics will be required to attend additional tutorials.

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Students who have reached only leaving standard in the relevant mathematics subjects are not barred from enrolment but should consult the chairman of the Mathematics Department before enrolling.

Students intending to take second-year mathematics subjects should note:

1. Mathematics IA is normally a prerequisite for Mathematical Statistics II;
2. Mathematics IA and either Mathematics IB or Mathematics IBI are normally prerequisites for Pure Mathematics II and for Applied Mathematics II.

These prerequisites can only be waived by special permission of the chairman of the Mathematics Department.

Students intending to take Mathematical Statistics III should note that it is strongly recommended that they take Pure Mathematics II. These students should therefore take Mathematics IB or Mathematics IBI in first year.

Students intending to take General Mathematics II or Physical Sciences II and who obtain a pass in Mathematics IA only, will be allowed to choose from among the following second-year mathematics components: PM203, PM205, PM208, PM210, AM201, AM202, AM205, ST201, ST202, ST203, ST204, ST205, ST206, ST207.

In special cases prerequisites may be waived by the chairman of the Mathematics Department.

Preliminary Reading

*Adler, Irving *The New Mathematics* New American Library 1960

Bell, Eric T. *Mathematics, Queen and Servant of Science* McGraw-Hill 1951

*Kline, Morris *Mathematics and the Physical World* Apollo 1969

Smith, John M. *Mathematical Ideas in Biology* Cambridge Univ. Pr. 1968

Mathematics IA Syllabus

Logic, sets, functions. Number systems. Vector algebra. Calculus. Differential equations. Matrices and determinants. Probability and statistics.

Mathematics IB Syllabus

Algebraic structures. Linear algebra. Analysis. Mathematical models. Particle mechanics. Statics and hydrostatics. Two dimensional rigid body motion. Numerical analysis.

Mathematics IBI Syllabus

Algebraic structures. Linear algebra. Analysis. Mathematical models. Numerical analysis.

Mathematics IC Syllabus

A survey of mathematical techniques using algebra and calculus and their application to elementary problems in biology and social science. Ideas and methods of mathematical statistics and the interpretation and design of experimental techniques.

Class Requirements in each Subject: A total of five class hours a week (including tutorials) in each of Mathematics IA, IB and IC; an average

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of two or three class hours a week (including tutorials) in Mathematics IBI. Regular written exercises.

Examination and Assessment: Two three-hour written papers in each of Mathematics IA, IB and IC; one three-hour paper and one one-hour paper in Mathematics IBI. The results of written exercises and tests given during the year will be taken into account in the final assessment.

SECOND-YEAR SUBJECTS

Pure Mathematics II, Applied Mathematics II, Mathematical Statistics II and General Mathematics II

Four mathematics subjects at the second-year level are offered, namely Pure Mathematics II, Applied Mathematics II, Mathematical Statistics II and General Mathematics II. Each is a full unit. The lecture course in each subject is divided up into a number of components, each with a value expressed in terms of credit points, and students are allowed some measure of freedom in their choice of components. Subject to the restrictions listed below, a student taking one mathematics subject must select components totalling at least 12 credit points, for two mathematics subjects at least 24 credit points, for three mathematics subjects at least 36 credit points. The restrictions applying in the various subjects are:

Pure Mathematics II (Full Unit) Components PM201, PM203, and PM204 are compulsory: PM202 is a prerequisite for Pure Mathematics III.

Applied Mathematics II (Full Unit) Components AM201, AM202, AM203 are compulsory.

Mathematical Statistics II (Full Unit) Components ST201, ST202, ST203 and ST204 are compulsory.

General Mathematics II (Full Unit). The only restrictions here are those imposed by the prerequisites listed for the various components.

Students should contact the chairman of the Mathematics Department when enrolling in any of the above subjects to discuss their choice of components: advisers will be available within the department to assist in making this choice.

Students in the School of Humanities should note that the subject Physical Sciences II is available. A student enrolled in this subject may select various second-year mathematics components to make up some or all of his workload in this subject.

Prerequisites: For *Pure Mathematics II*: Mathematics IA and either IB or IBI. For *Applied Mathematics II*: Mathematics IA and either IB or IBI. For *Mathematical Statistics II*: Mathematics IA. For *General Mathematics II*: Mathematics IA.

In addition to the subject prerequisites given above, note that each of the components listed below has its own prerequisite. These prerequisites may be either a first-year subject or another second-year

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component or both. In particular a student who has passed Mathematics IA only, may take components from the following: PM203, PM205, PM208, PM210, AM201, AM202, AM205, ST201, ST202, ST203, ST204, ST205, ST206, ST207.

In special cases prerequisites may be waived by the chairman of the Mathematics Department.

Students intending to take third-year subjects should consult the prerequisites for those subjects, before choosing their second-year components. Students intending to take Applied Mathematics III must pass PM201, Analysis A. Students intending to take Mathematical Statistics III should take Mathematical Statistics II and are strongly recommended to take Pure Mathematics II also. Students intending to take final honours in mathematics must pass the subject Pure Mathematics II, and should also consult the prerequisites for final honours year components.

Preliminary and Prescribed Reading: A list of books for preliminary and prescribed reading will be handed out to all students at the end of 1971. Further prescribed reading in various components may be given during the lectures in these components.

Components Available

The components available for 1972 are listed below: the department may cancel any component in which insufficient interest is shown, or may offer further components. The letters in the code indicate whether the component is pure mathematics (PM), applied mathematics (AM), or mathematical statistics (ST).

The components in pure mathematics are normally offered as follows: *Term 1* — PM201 and PM203; *Term 2* — PM202, PM204 and PM205; *Term 3* — PM206, PM209 and PM210.

PM208 is normally given in term 1 and the first three weeks of term 2.

PM201 Analysis A (Two Credit Points) (Prerequisite: Mathematics IB)

Fundamental properties of real numbers. Bounds, completeness and convergence. Properties of real valued continuous functions.

PM202 Analysis B (Two Credit Points) (Prerequisite: PM201)

Elementary topological properties in the context of normed vector spaces. Linear maps, continuity and boundedness. Integration in terms of a linear map defined on spaces of functions.

PM203 Linear Algebra (Two Credit Points) (Prerequisite: Mathematics IA)

Vector spaces, subspaces and sum spaces. Linear dependence and independence. Linear transformations and their representations by matrices. Matrix algebra. Normal forms.

PM204 Abstract Algebra A (Two Credit Points) (Prerequisite: Mathematics IB)

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Introduction to groups and rings. Homomorphisms, normal subgroups and ideals, homomorphism theorems. Integral domains and fields. Congruences.

PM205 Linear Programming (Two Credit Points) (Prerequisite: Mathematics IA)

Linear Inequalities. Duality. Simplex Computations. Matrix Games.

PM206 Abstract Algebra (Two Credit Points) (Prerequisite: PM204)

A continuation of PM204. Includes some elementary number theory. Finite abelian groups. Field extensions; ruler and compass constructions. Diophantine equations.

PM208 Basic Formal Logic (Four Credit Points) (Prerequisite: Mathematics IA) (This component may not be taken with Philosophy IIA.)

Introduction to the propositional calculus. Methods of deduction.

PM209 Analysis (Two Credit Points) (Prerequisite: PM202)

Introduction to convergence in the abstract. Convergence in function spaces. Nets and filters, limit structures. Elementary topology and metric spaces.

PM210 Geometry (Two Credit Points) (Prerequisite: Mathematics IA)

Some simple propositions of ordered geometry, including Sylvester's theorem, established from axiomatics, and two developments from ordered geometry, namely affine and absolute geometries, are introduced.

AM201 Ordinary Differential Equations (Four Credit Points) (Prerequisite: Mathematics IA)

Standard methods of integration of differential equations. Theory, methods of solution and applications of linear differential equations. Special functions. Difference equations.

AM202 Vector Analysis (Two Credit Points) (Prerequisite: Mathematics IA)

Geometry of curves and surfaces. Properties of grad, div and curl. Integral theorems. Applications.

AM203 Partial Differential Equations (Two Credit Points) (Prerequisites: Mathematics IB, AM201)

First and second order partial differential equations. Classification. Methods of solution. Fourier series. Equations arising in physical, biological and social sciences.

AM204 Mechanics (Four Credit Points) (Prerequisite: Mathematics IB)

Vectorial mechanics. Analytical mechanics. Lagrange's equations. Small oscillations.

AM205 Numerical Analysis (Two Credit Points) (Prerequisite: Mathematics IA)

Elementary error analysis. Iterative methods. Solution of systems of linear equations and ordinary differential equations. Introductory computer programming: Fortran IV.

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ST201 Introduction to Probability Theory (Three Credit Points) (Prerequisite: Mathematics IA)

Sample spaces, events, probability, random variables, distribution and density functions, moments, expectations, special distributions, central limit theorem.

ST202 Introduction to Statistics (Three Credit Points) (Prerequisite: ST201)

Application of the results of ST201 to problems of statistical inference; in particular chi-squared, t and F tests.

ST203 Correlation and Regression (Two Credit Points) (Prerequisite: ST202)

Continuation of ST202 to consideration of relation between two or more variates.

ST204 Design and Analysis of Experiments (Two Credit Points) (Prerequisite: ST202)

Experiments involving comparisons of means with homogeneous variance, leading to the analysis of variance.

ST205 Sampling Theory (Two Credit Points) (Odd Numbered Years Only) (Prerequisite: Mathematics IA)

Methods of analysis of surveys; simple random sampling; cluster sampling; stratified sampling.

ST206 Stochastic Processes (Three Credit Points) (Prerequisite: Mathematics IA)

Generating functions and applications. Random walks. Markov chains in discrete and continuous time.

ST207 Mathematical Genetics (Two Credit Points) (Prerequisite: Mathematics IA)

Application of mathematical models to Mendelian inheritance.

Class Requirements: Lectures — about nine for each credit point. Tutorials or practice classes as arranged for each component. Regular written exercises in each component.

Examination: About three three-hour written papers in each subject. The number may vary according to the components chosen. Shorter papers may be set in some components. The final result will take into account exercises and tests held throughout the year.

THIRD-YEAR SUBJECTS

Pure Mathematics III, Applied Mathematics III,

Mathematical Statistics III and General Mathematics III

Four mathematics subjects at the third-year level are offered, namely Pure Mathematics III, Applied Mathematics III, Mathematical Statistics III and General Mathematics III. A component system similar to that operating for second-year subjects will apply. Each of these subjects has a unit value of 1 or 1.5 depending on the number of credit points chosen.

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In the case of unit value 1, a student must select mathematics components totalling at least 12 credit points. Except for General Mathematics III, at least 8 of these credit points must be from the subject in which he is enrolled. (For example, if a student is enrolled in Pure Mathematics III for 1 unit, he must take at least 8 credit points from the Pure Mathematics III components. The remaining credit points to make a total of at least 12 may be taken from components in Applied Mathematics III or Mathematical Statistics III.)

In the case of unit value 1.5, a student must select mathematics components totalling at least 18 credit points. Except for General Mathematics III, at least 12 of these credit points must be from the subject in which he is enrolled.

Pure Mathematics III (1 unit or 1.5 units). There are no compulsory components. *Applied Mathematics III* (1 unit or 1.5 units). Components AM301 and AM302 are compulsory. *Mathematical Statistics III* (1 unit or 1.5 units). Components ST301 and ST302 are compulsory. *General Mathematics III* (1 unit or 1.5 units). There are no compulsory components.

Students should contact the chairman of the mathematics department when enrolling in any of the above subjects to discuss their choice of components: advisers will be available within the department to assist in making this choice.

Students in the School of Humanities are reminded that the subject Physical Sciences III is available. Students taking this subject may take some or all of their components from any of those listed below for which they have the required prerequisites.

Prerequisites: For Pure Mathematics III: Pure Mathematics II, including PM202. For Applied Mathematics III: Applied Mathematics II and PM201. For Mathematical Statistics III: Mathematical Statistics II. In addition, Pure Mathematics II is strongly recommended. For General Mathematics III: Any second-year mathematics subject.

In special cases prerequisites may be waived by the chairman of the Mathematics Department.

Students intending to take final honours in mathematics must have passed the subject Pure Mathematics II and should consult the various prerequisites for final honours components before choosing their third-year components.

Preliminary and Prescribed Reading: A list of books for preliminary and prescribed reading will be handed out to all students at the end of 1971. Further prescribed reading in various components may be given during the lectures in these components.

Components Available

The components for 1972 are listed below: the department reserves the right to cancel any component in which insufficient interest is shown, or may offer further components. The letters in the code indicate whether

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the component is pure mathematics (PM), applied mathematics (AM), or mathematical statistics (ST).

PM301 Linear Algebra (Two Credit Points) (Prerequisite: PM203)

Inner-product spaces. Self-adjoint and normal operators, eigenvalues and eigenvectors. Projections and the spectral theorem. Completely continuous operators.

PM302 Measure Theory (Three Credit Points) (Prerequisite: PM305)

General measures on σ algebras. Measurable functions. Integration. Applications to L_p spaces. Product spaces. Convergence.

PM303 Advanced Calculus A (Two Credit Points) (Prerequisite: PM202)

Mapping of Euclidean space, derivatives as linear maps, inverse mapping theorems.

PM304 Advanced Calculus B (Two Credit Points) (Prerequisites: PM303 and PM305)

Multilinear algebra. Differential forms. Integration over chains. Fundamental theorem of calculus. Applications to complex calculus.

PM305 Topology (Two Credit Points) (Prerequisite: PM202)

Metric spaces, limits and continuity, completeness. Topological spaces. A discussion of general topological properties.

PM306 Group Theory (Two Credit Points) (Prerequisite: PM206)

Direct sums and products of groups. Sylow theorems. Free groups. Permutation groups.

PM307 Rings and Modules (Three Credit Points) (Prerequisite: PM206)

Principal ideal domains, unique factorization domains, Euclidean domains. Modules and their endomorphism rings. Modules over a principal ideal domain.

PM308 Fourier Series (Three Credit Points) (Prerequisites: PM302, PM305)

Theory and techniques of Fourier series, introduction to some related parts of functional analysis.

PM309 Field Theory (Two Credit Points) (Prerequisite: PM206) This component will not be given in 1972.

Field extensions, leading to Galois theory.

PM310 Lattice Theory (Two Credit Points) (Prerequisite: PM305)

Posets and lattices. Distributive lattices. Ideal and representation theory. Spaces of prime and minimal prime ideals. Stone lattices.

PM312 Formal Logic (Six Credit Points) (Prerequisite: PM208 or Philosophy IIA) (This component may not be taken with Philosophy IIIB)

Detailed discussion of the propositional and predicate calculi, including proof theory, model theory and metatheory.

PM313 Number Theory (Two Credit Points) (Prerequisite: PM206)

Topics to be selected from: Fermat's Theorem. Fermat's Last Theorem and related results. Representation of numbers as sums of primes, squares, cubes. Algebraic numbers and algebraic integers.

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Polynomial congruences. Number Theoretic functions. Results involving $\pi(x)$. Riemann zeta function.

PM314 Functions of a Complex Variable (Two Credit Points) (Prerequisite: For 1972, PM209; after 1972, PM305)

Cauchy's Integral theorem, and other important related results on functions of a complex variable.

PM315 Nonlinear Programming (Two Credit Points) (Prerequisite: PM205)

Quadratic and Convex Programming. Duality. Computational Techniques.

AM301 Methods of Applied Mathematics (Five Credit Points) (Prerequisites: AM201, AM203, PM201)

Boundary value problems. Eigenvalue problems. Basic concepts of Hilbert space. Calculus of variations. Special functions. Green's functions. Integral transforms. Integral equations.

AM302 Potential Theory (Five Credit Points) (Prerequisites: AM202, AM203, PM201)

Solutions of Laplace's equation, including conformal mapping techniques with applications. Irrotational fluid mechanics. Electrostatics and magnetostatics.

AM303 Special Relativity Theory (Two Credit Points) (Prerequisites: Mathematics IB and AM204)

Lorentz transformation. Minkowski space-time, particle kinematics and ray optics, mechanics of a particle, Maxwell field.

AM304 Three-dimensional Dynamics (Two Credit Points) (Prerequisites: AM201, AM204)

Rotating co-ordinate systems. Rigid body motion. Variational principles. Small vibrations.

AM305 Introduction to Quantum Mechanics (Four Credit Points) (Prerequisites: AM204, AM301)

Hamiltonian systems. Operators, wave functions and wave equations. Angular momentum. Perturbation theory. Scattering.

AM306 Electromagnetic Theory (Two Credit Points) (Prerequisites: AM301, AM302, AM303)

Steady fields and currents. Maxwell's equations. Plane waves. Radiation.

AM307 Elasticity (Two Credit Points) (Prerequisites: AM202, AM203, PM201)

Stress and strain quadrics. Compatibility conditions. Navier equation in isotropic media and boundary value problems.

AM308 Numerical Analysis (Two Credit Points) (Prerequisites: AM205, PM201, PM203)

Calculation of eigenvalues and eigenvectors of symmetric matrices. Matrix norms. Perturbation theory. Error analysis. Iterative methods. Approximation of functions. Solution of partial differential equations.

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AM309 Introduction to Computer Science (Two Credit Points) (Prerequisites: AM205 provides useful background but is not essential)

Computer hardware. Boolean algebra. Computer logic and arithmetic storage. Machine language. Compilers and supervisors.

ST301 Techniques of Mathematical Statistics (Four Credit Points) (Prerequisite: ST201)

Transformations in one and many dimensions, derivation and sampling distributions for t and F ; characteristic functions, inversion, continuity and uniqueness theorems; the multivariate normal distribution, order statistics and the elements of non-parametric methods.

ST302 Inference (Four Credit Points) (Prerequisites: ST301, ST202)

Estimation, concepts of sufficiency and maximum likelihood, confidence intervals, hypothesis testing, the Newman-Pearson lemma, asymptotic methods, Bayes methods.

ST303 Linear Hypothesis Theory (Four Credit Points) (Prerequisites: ST203, ST204, ST301, ST302)

A general treatment, using matrices and the multivariate normal distribution, of problems of estimation and hypothesis testing with linear models.

ST305 Stochastic Process (Four Credit Points) (Prerequisite: ST201)

Waiting times, 0-1 laws, recurrent events, Markov chains, simple time-dependent stochastic processes.

ST306 Sampling Theory (Two Credit Points) (Odd numbered Years only—this component is identical to ST205)

Methods of analysis of surveys; simple random sampling; cluster sampling, stratified sampling.

ST307 Mathematical Genetics (Two Credit Points) (Prerequisite: ST207)

Deterministic and stochastic problems in population genetics, including the probability of survival of a mutant, linkage, stationarity in two-locus systems; biometric problems, in particular problems of classification and discrimination with multivariate observations.

ST308 Non Parametric Methods (Two Credit Points) (Prerequisite: ST301)

Order statistics, sample distribution function, Glivenko-Cantelli theorem, Kolmogorov's statistic and tests, Wilcoxon's statistics and test. Sign test, run test. Non-parametric confidence intervals.

ST309 Sequential Analysis (Two Credit Points) (Prerequisites: ST301, ST302)

Wald's lemma and identity; the sequential probability ratio test and its properties. Other sequential procedures. Sequential estimation and fixed-width confidence intervals.

ST311 Operations Research (Three Credit Points) (Prerequisite: ST202)

Optimisation problems, including linear programming and allocation and sequencing problems, applications of the theory of games; introduction to queueing theory; critical path analysis, inventory and replacement. **Class Requirements:** Class requirements will be given to the student at

the beginning of and during the year. Tutorials or practice classes, as arranged for each component. Regular written exercises in each component.

Examination Requirements: About three three-hour written papers in each subject; the number may vary according to the components chosen. Shorter papers may be set in some components. The final result will take into account exercises and tests held throughout the year.

MATHEMATICS IV—HONOURS COURSES

A student wishing to enrol in the subject Mathematics IV should apply to the chairman of the Department of Mathematics as soon as the results of his third-year examinations are known, and if his enrolment is accepted will select his choice of components in conjunction with the chairman. Each student will be expected to take five components. In addition to his work in these components, each student will be required to write a thesis which will be taken into account in his final assessment.

Students whose main interest is in pure mathematics should normally have a grade of B or better in Pure Mathematics III. They are also advised to take more than 18 credit points of pure mathematics in third year. Applied mathematics, mathematical statistics and philosophy are recommended as suitable complementary third-year subjects: however other choices are possible.

Students whose main interest is in applied mathematics should normally have a grade of B or better in Applied Mathematics III. Pure mathematics, mathematical statistics and physics are recommended as suitable complementary subjects at third-year level.

Students whose main interest is in mathematical statistics should normally have a grade B or better in Mathematical Statistics III. They are also strongly advised to take Pure Mathematics III, including the component PM302.

Students wishing to combine components from two or more divisions in mathematics may select components, for which they have the appropriate prerequisites, subject to the approval of the chairman.

The components offered in pure mathematics and applied mathematics are listed below: the department reserves the right to withdraw any component in which insufficient interest is shown, or to offer further components. Fourth-year students wishing to take mathematical statistics components should arrange their courses in consultation with staff members of the statistics division. With the permission of the mathematics and physics departments fourth-year students may take some components in physics.

In special cases prerequisites may be waived by the chairman of the Mathematics Department.

PM401 Group Theory (Prerequisite: PM306)

Solubility and other chain properties. Representations. Group extensions. Formations.

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PM402 Differentiable Manifolds (Prerequisites: PM303, PM305)

Selected topics from differential topology and differential geometry.

PM403 Noncommutative Rings (Prerequisite: PM307)

Selected topics from the theory of Noncommutative Rings.

PM404 Advanced Topics in Nonlinear Programming (Prerequisite: PM315)

Symmetric and self duality. Integer and geometric programming. Computational techniques. Programming in complex space.

PM405 Functional Analysis (Prerequisites: PM305, PM308)

Locally convex topological vector spaces and the Hahn-Banach Theorem. Fixed point theorems. Duality. The Banach-Steinhaus, closed graph, and open mapping theorems. Applications to integration, distributions. Differential and integral equations. Fourier series and transforms.

PM406 Topics in Algebraic Topology (Prerequisite: PM306)

Simplexes. Simplicial complexes. Invariance of the homology groups. Homotopy theory.

PM407 Advanced topics in Complex Analysis (Prerequisite: PM314)

Topics in conformal mapping, Riemann mapping theorem, harmonic functions, Dirichlet problem.

PM408 Game Theory (Prerequisite: PM205)

Two-person non-zero sum games, n-person games, infinite games.

PM409 Lattice Groups (Prerequisite: PM310)

Lattice groups and vector lattices, prime and minimal-prime ideals. Values. Representation theory.

PM410 Information Theory (Prerequisite: PM302)

Measure-preserving transformations, ergodic theorems. Entropy and coding theorems.

PM411 Mathematical logic (Prerequisite: PM312 or Philosophy IIIB)

Completeness results for classical first-order quantificational logic, formal number theory, recursive functions, philosophy of mathematics.

AM401 Mathematical Methods (Prerequisite: AM301)

Topics selected from: generalized functions; asymptotic methods; integral transforms; integral equations; applications of functional analysis; special functions; Lie groups.

AM402 Continuum Mechanics (Prerequisites: AM301, AM302)

Motion of viscous fluids, hydrodynamic stability, elasticity.

AM403 General Relativity (Prerequisites: AM301, AM303)

Tensor analysis, Riemannian geometry, Einstein's theory of gravitation, Schwarzschild's solution, gravitational red-shift, perihelion advance, bending of light ray, cosmological models.

AM404 Analytical Mechanics (Prerequisites: AM301, AM304)

Hamiltonian systems, global dynamics, transformation theory, stability and perturbation theory.

NORTH AMERICAN STUDIES

AM405 Quantum Mechanics (Prerequisites: AM301, AM303, AM305)

Advanced quantum mechanics, relativistic particle equations, introduction to quantum field theory and quantum electrodynamics.

AM406 Electromagnetism (Prerequisites: AM301, AM302, AM303, AM306)

Maxwell's equations; polarization; wave guides; radiation from point charge.

AM407 Astrophysics (Prerequisites: AM301, AM302)

Simple stellar models. Small oscillations. Stability.

AM308 Numerical Analysis (Prerequisites: AM301, AM308)

Projection methods. Iterative methods. Order of convergence. Error analysis. Application of elementary functional analysis to numerical analysis.

AM409 Statistical Mechanics (Prerequisites: AM301, AM305)

Maxwell-Boltzmann statistics, ideal gas, quantum statistics, thermodynamics, specific heats.

Preliminary reading, prescribed reading, and class examination requirements in Mathematics IV will be given to the student at the beginning of and during the year.

POSTGRADUATE STUDIES

Qualified candidates will be accepted for the degree of MA, MSc and PhD in a number of branches of mathematics. More detailed information can be obtained from the chairman of the Mathematics Department; research interests of members of the department comprise abstract algebra, including group theory and ring theory, mathematical programming, functional analysis, topology, approximation theory, differential equations, numerical methods, computing, astrophysics, continuum mechanics, quantum mechanics, relativity, electrostatics, probability theory, stochastic processes, population genetics, mathematical ecology, regression, mathematical epidemiology.

NORTH AMERICAN STUDIES

North American studies consists of a group of subjects taken from the disciplines of English, history, and politics and relating to North America. Students wishing to major in North American studies should take at first year three subjects selected from English I, any first-year history subject, Sociology I, Philosophy I, French I, Spanish I and Politics I. English I, History IA, and Politics I contain material relating to North America.

At second year, an acceptable major should include at least two of the following subjects:

- (a) History IIF (Colonial North America) History IIG (USA, 1789-1877);
- (b) Politics IIA;

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(c) American literature (Professor Marsh has agreed that majors in North American studies could take the third-year American literature course at second year, attending separate tutorials).

At *third year* an acceptable major should include at least two of the following subjects:

- (a) History IIID (USA 1877-1920) History IIIE (USA since 1920);
- (b) History IIH (Literature and Society in Colonial America);
- (c) American literature.

In addition, a few students at third-year level may be able to enrol in individual readings courses in some area of North American studies. Interested students should consult Professor Salmond, Department of History, in the first instance. *All students* choosing to major in North American studies should indicate this specifically to a student adviser at the time of enrolment.

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The job of a philosopher is primarily to examine those concepts and principles of evaluation, thought and reasoning that nearly everyone uses. A philosopher should, however, be prepared to examine some more specialized fields of study with the object of gaining a deeper understanding of them, and of what reasons we may have for accepting, modifying or rejecting the special concepts they use.

The subjects in philosophy have been designed to ensure that a student majoring or taking honours in philosophy will not only have a thorough grounding in general philosophy, but will also have some competence in a field other than philosophy and will normally have spent some time in analysing the basic concepts and principles of that field. It is hoped that a student majoring in another field will take advantage of the specialized philosophy subjects relating to his field of major interest.

Students in the Schools of Humanities and Social Sciences may take either a major or a minor in philosophy.

A major in philosophy contains 5, $5\frac{1}{2}$ or 6 units in philosophy, made up on the following pattern: first year — Philosophy I; second year — 1, $1\frac{1}{2}$ or 2 second-year philosophy units; third year — 2, $2\frac{1}{2}$ or 3 third-year philosophy units.

A minor in philosophy consists of Philosophy I in the first year with a Philosophy II unit in second year, and/or a Philosophy III unit in third year.

THE HONOURS COURSE

A student may apply to enter the honours school of philosophy at the beginning of second or third year. Normally such a student will be expected to have reached a B standard in the philosophy subjects completed.

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In addition to completing a six-unit major in philosophy, honours students are normally required to:

1. include Philosophy IIA and Philosophy IIIA in their major;
2. take an additional half unit at third-year level, which may, but need not, be a philosophy unit;
3. undertake a fourth year of study (Philosophy IV). Students will be admitted to this year on the recommendation of the chairman of the department.

Provisos

1. A student who has not completed Philosophy IIA in second year, and who wishes to do honours, may apply for permission to take this subject in his third year.
2. The chairman of the department may, in special cases, allow a student who has completed only one, or one and a half, philosophy units in his second year, to proceed to honours in third year.

In both second and third years, honours students will be given the opportunity to participate in a seminar programme in which they will be able to present and discuss material of their own.

DAVID HUME PRIZE

This prize of \$50 is awarded each year to the student who is placed first (or shared between the students who are placed equal first) in Philosophy I, provided the work of this student (or students) is of first-class honours standard.

COURSE STRUCTURE

The various combinations of subjects available in philosophy may be most easily grasped from the accompanying table.

In order to provide students with as large a number of subjects as possible from which to select a course, all the units offered except Philosophy I and Philosophy IIIA are half units. It is intended that restricting half units to just one half of the academic year will keep the work load of a half unit to half that of a full unit.

Note

1. Half units in left-hand boxes are taught in the first half of the year, those in right-hand boxes in the second half of the year.
2. Any second/third year half unit may be combined with any second-year half unit to form a second-year unit, or with any third-year half unit to form a third-year unit, or with any other second/third year half unit to form either a second or a third-year unit.

Reading Material: Students are expected to own the books prescribed for their subjects. More detailed reading lists will be issued at the beginning of the course.

Further Details of Courses: In the details below as much information as was available at the time of printing has been given. With some courses it has not been possible to give much information, however more infor-

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FIRST-YEAR LEVEL

Philosophy I

SECOND-YEAR LEVEL

IIA Basic Formal Logic	IIB Introduction to Philosophy of Science
IIC Empiricism	IID Ethics

SECOND/THIRD-YEAR LEVEL

IIP/IIIP Political Philosophy	IIG/IIIG Philosophy of Language
	IIIL/IIIL Contemporary Political Philosophy
IIM/IIIM Marxism (Half unit throughout the year)	
IIQ/IIQ Philosophy of Education (Half unit during the year)	

THIRD-YEAR LEVEL

IIIA Epistemology and Metaphysics	
IIIB Formal Logic A	IIIN Formal Logic B
IIIC Philosophical Logic A	IIID Philosophical Logic B
IIIF Aesthetics	IIIE Advanced Ethics
	IIIH Philosophy of History
IIJ Philosophy of Science A	IIK Philosophy of Science B
IIIZ Free Philosophical Studies (Half unit throughout the year)	

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mation can be obtained from the philosophy department secretary or the philosophy student adviser in December. Also at that time a list of the staff members responsible for each course will be available.

PHILOSOPHY 1 (Full Unit)

The Philosophy I course in 1972 will examine some of the main problems of philosophy, and will also include an introduction to modern logic. The following topics will be discussed:

Term 1: (a) logic; (b) the existence of God

Term 2: (c) the mind-body problem; (d) the problem of other minds or free will and determinism

Term 3: (e) utilitarianism (moral philosophy); (f) liberty (political philosophy).

Prerequisite: None.

Class Requirements: Two lectures and one tutorial a week throughout the year, plus an additional tutorial in second term.

Preliminary Reading

Students will find it helpful to read Mill's essays 'Utilitarianism' and 'On Liberty' in

*Mill, John S. *Utilitarianism* Fontana 1962

Other useful preliminary reading:

*Hick, John *Philosophy of Religion* Prentice-Hall 1963

*Mabbott, John D. *An Introduction to Ethics* Hutchinson 1966

Recommended Reading

*Gorovitz, Samuel and Williams, Ron G. *Philosophical Analysis* Random House 2nd edn 1965

*Hick, John ed. *The Existence of God* Macmillan 1964

*Mill, John S. *Utilitarianism* Fontana 1962

*Shaffer, Jerome A. *Philosophy of Mind* Prentice-Hall 1968

PHILOSOPHY IIA: Basic Formal Logic (Half Unit)

The course consists of an introduction to truth-functional and quantificational logic, and an examination of some fundamental concepts of logic.

Prerequisites: Philosophy I or any subjects from the Schools of Physical or Biological Sciences that have a total work value of at least two units.

Class Requirements: Two lectures and one tutorial a week during the first half of the year.

Preliminary Reading

*Gorovitz, Samuel and Williams, Ron G. *Philosophical Analysis* Random House 2nd edn 1965

Prescribed Reading

Jeffrey, Richard C. *Formal Logic: Its Scope and Limits* McGraw-Hill 1967

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PHILOSOPHY IIB: Introduction to Philosophy of Science (Half Unit)

This course will study some of the basic problems concerning the foundations of science, including the problem of induction, the concept of probability and the nature of such entities as force, mass, space and time.

Prerequisites: Philosophy I or any subjects from the Schools of Physical or Biological Sciences that have a total work value of at least two units.

Class Requirements: Three hours of lectures and tutorials a week for the second half of the year.

Recommended Reading

*Salmon, Wesley C. *The Foundations of Scientific Inference* Univ. of Pittsburgh Pr. 1967

*Skyrms, Brian *Choice and Chance* Dickenson 1966

Other recommended reading will be announced.

Note: Students who have not completed the work in Philosophy IIA before the beginning of this course may be required to do some additional reading in formal logic.

PHILOSOPHY IIC: Empiricism (Half Unit)

The course will be concerned with some of the philosophical problems raised by Locke, Berkeley and Hume; in particular, Causation, Mental and Material Substance, and Perception.

Prerequisite: Philosophy I.

Class Requirements: Two lectures and one tutorial a week for the first half of the year.

Prescribed Texts

*Hume, David *A Treatise of Human Nature* Book 1, ed. D. G. MacNabb, Fontana 1962

*Berkeley, George *Berkeley's Philosophical Writings* ed. D. Armstrong, Collier 1965

*Locke, John *Essay Concerning Human Understanding* Everyman 332 (or Fontana)

PHILOSOPHY IID: Ethics (Half Unit)

This course will be concerned with the conflict between certain pragmatic and naturalistic theories of morality and some objective moral truth theories.

Prerequisite: Philosophy I.

Class Requirements: Two lectures and one tutorial per week for the second half of the year.

Preliminary Reading

*Schlick, Moritz *Problems of Ethics* Dover 1962

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Recommended Reading

- *Hume, David *A Treatise of Human Nature* Books II and III (any edition)
- *Hume, David *Enquiry Concerning the Principles of Morals* ed. L. A. Selby-Bigge, Clarendon Pr. 1902
- *Moore, George E. *Ethics* Oxford Univ. Pr. 1911
- Ross, William D. *The Right and the Good* Clarendon Pr. 1930

PHILOSOPHY IIG/IIIG: Philosophy of Language (Half Unit)

This course will consider views which have been held by philosophers and others on the nature of language and on the relation between language and reality. Knowledge of a foreign language is not required.

Prerequisite: Philosophy I.

Class Requirements: Two lectures and one tutorial a week for the second half of the year.

Preliminary Reading

- *Alston, William P. *The Philosophy of Language* Prentice-Hall 1964
- Black, Max *The Labyrinth of Language* Pall Mall 1968
- *Chomsky, Noam *Language and Mind* Harcourt, Brace and World 1968
- *Lyons, John *Chomsky* Fontana 1970

PHILOSOPHY IIL/IIIL: Contemporary Political Philosophy (Half Unit)

In this course a number of important contemporary problems of political philosophy, together with the concepts they involve, will be examined. Further details will be available from the philosophy department from December 1971.

Prerequisite: Philosophy I.

Class Requirements: Two lectures and one tutorial a week for the second half of the year.

Preliminary Reading

- *Mabbott, John D. *The State and the Citizen* 2nd edn, Hutchinson Univ. Library 1967
 - De Crespigny, Anthony and Wertheimer, Alan eds. *Contemporary Political Theory* Atherton 1970
- Further reading will be announced.

PHILOSOPHY IIM/IIIM: Marxism (Half Unit)

A study of Marx's thought, with emphasis on the development of his ideas and on philosophical questions they raise. Among the topics considered will be alienation and its transcendence, materialism and idealism, class and class consciousness, ideology and objectivity, the status of marxism (a science? a methodology? an ideology?) and its relation to ethics and to questions in epistemology.

Prerequisite: Philosophy I.

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Class Requirements: One one-and-a-half hour seminar a week throughout the year.

Prescribed Reading

- *Marx, Karl *Marx and Engels; Basic Writings on Politics and Philosophy* ed. L. S. Feuer, Fontana 1969
- *Marx, Karl *Writings of the Young Marx on Philosophy and Society* trans. and ed. Lloyd D. Easton and Kurt H. Guddat, Anchor 1967
- *Avineri, Shlomo *The Social and Political Thought of Karl Marx* Cambridge Univ. Pr. 1968

More detailed reading guides on particular topics will be available later.

Note: This course can be taken as part of a full unit by enrolling in Social Sciences IIIE. Students who take Social Sciences IIIE (including the philosophy elective) can receive a half unit credit towards a philosophy major.

PHILOSOPHY IIP/IIIP: Political Philosophy (Half Unit)

Political philosophy in the seventeenth and eighteenth centuries. Many of our most important political ideas originate in this period. During the course such concepts as social contract, natural law, sovereignty, democracy and liberty will be discussed both in their original historical context and in their significance for the present.

Prerequisite: Philosophy I.

Class Requirements: Three hours of lectures and seminars a week for the first half of the year.

Prescribed Reading

- *Hobbes, T. *Leviathan* (any edition)
- *Locke, John 'Second Treatise of Civil Government' in *Two Treatises of Government* New American Library (Mentor) 1965
- *Passerin D'Entreves, Alessandro *Natural Law* Hutchinson Univ. Library 1951
- *Rousseau, Jean J. *Social Contract* (any edition)

Recommended Reading

- *Arendt, Hannah *The Human Condition* Doubleday 1959
- *Cassirer, Ernest *Rousseau, Kant, Goethe* (any edition)
- *MacPherson, Crawford B. *The Political Theory of Possessive Individualism* Clarendon Pr. 1964

Warrender, Howard *The Political Philosophy of Hobbes* Oxford Univ. Pr. 1957

PHILOSOPHY IIQ/IIIQ: Philosophy of Education (Half Unit)

This course will be run within the School of Education and will take the form of a reading course with seminars. Students will be able to choose between two reading programs. The first will be concentrated around conceptual work on notions such as education, knowledge, learning, indoctrination, aims and needs, and will include work on isolating

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the presuppositions behind theories of learning. The second reading course will be concerned with the evaluation of theories of educational practice.

Prerequisite: Philosophy I.

Class Requirements: Approximately 39 hours of seminars and other class requirements during the year. A more detailed program will be available later.

Reading: Full reading guides will be available at the beginning of the course. As preliminary reading one might look to

Langford, Glenn *Philosophy and Education* Macmillan 1968

for the first course and

Cohen, Brenda *Educational Thought: an Introduction* Macmillan 1969

for the second alternative.

PHILOSOPHY IIIA: Epistemology and Metaphysics (Full Unit)

This course will be chiefly concerned with the nature of reality. Topics will include: (a) other minds; (b) the relation between persons and bodies; (c) ontology.

Prerequisite: A second-year philosophy unit.

Class Requirements: Two to three hours of seminars a week throughout the year.

Prescribed Reading

*Chappell, Vere C. ed. *The Philosophy of Mind* Prentice-Hall 1962

*Quine, W. V. *Word and Object* M.I.T. 1960

PHILOSOPHY IIIB: Formal Logic A (Half Unit)

This course will consist of a study of some basic metatheoretical results in modern logic, and a brief introduction to abstract set theory.

Prerequisite: Philosophy IIA.

Class Requirements: Three hours a week for the first half of the year.

Recommended Reading

Hunter Geoffrey *Metalogic* Macmillan 1971

Quine, Willard V. *Set Theory and its Logic* rev. edn, Belknap 1969

PHILOSOPHY IIIC: Philosophical Logic A (Half Unit)

The course will deal with topics selected from the following: analyticity; a priority and necessity; theories of meaning; and the relation between formal logic and informal reasoning; propositional identity; Quine's thesis of the indeterminacy of translation; logical truth.

Prerequisite: A second-year unit in philosophy.

Class Requirements: Two to three hours of seminars and lectures a week for the first half of the year.

Preliminary Reading

*Iseminger, Gary ed. *Logic and Philosophy* Appleton 1968

Recommended Reading: This will be announced at the start of the course.

PHILOSOPHY

PHILOSOPHY IIID: Philosophical Logic B (Half Unit)

This course will study selected topics in philosophical logic, including the logic of conditionals, the concept of entailment, and problems about existence, identity, modality and propositional attitudes.

Prerequisite: Philosophy IIA.

Class Requirements: Three hours of lectures and seminars a week for the second half of the year.

Preliminary Reading

*Iseminger, Gary ed. *Logic and Philosophy* Appleton 1968

Prescribed Reading: To be announced.

PHILOSOPHY IIIE: Advanced Ethics (Half Unit)

Details of this course will be available from the Philosophy Department from December 1971.

Prerequisites: Philosophy I plus one second-year unit in philosophy.

Class Requirements: Three hours a week of lectures and tutorials for the second half of the year.

Reading: To be announced.

PHILOSOPHY IIIF: Aesthetics (Half Unit)

The course will consist of a study of some of the central problems in aesthetics and art criticism, such as the problem of definition, aesthetic qualities and perception in aesthetics, the nature of critical evaluation, and the artist's intentions.

Prerequisite: Philosophy I and any second-year unit.

Class Requirements: Two lectures and one tutorial a week for the first half of the year.

Preliminary Reading

*Osborne, Harold *Art of Appreciation* Oxford Univ. Pr. 1970

*Wollheim, Richard *Art and Its Objects* Harper and Row 1970

Prescribed Reading: Students will be referred to specific articles in journals and other works as particular problems are examined in lectures. A complete list will be issued before the course begins.

Recommended Reading

Barrett, Cyril ed. *Collected Papers on Aesthetics* Blackwell 1965

Beardsley, Monroe C. *Aesthetics: Problems in the Philosophy of Criticism* Harcourt 1958

Beardsley, Monroe C. and Schueller, Herbert M. eds *Aesthetic Inquiry; Essays on Art Criticism and the Philosophy of Art* Dickenson 1967

*Bosanquet, Bernard *Three Lectures on Aesthetics* Bobbs 1963

*Brooks, Cleanth *The Well Wrought Urn* Harcourt 1956

*Coleman, Francis J. ed. *Contemporary Studies in Aesthetics* McGraw-Hill 1968

Daiches, David *Critical Approaches to Literature* Prentice-Hall 1956

PHILOSOPHY

Elton, William R. ed. *Aesthetics and Language; Essays by W. B. Gallie and Others* Blackwell 1954

*Hanslick, Edward *The Beautiful in Music* Bobbs 1957

*Hospers, John *Introductory Readings in Aesthetics* Free Press 1969

Levich, Marvin ed. *Aesthetics and the Philosophy of Criticism* Random House 1963

*Margolis, Joseph ed. *Philosophy Looks at Arts* Scribner's 1962

Osborne, Harold *Aesthetics and Art Theory* Longmans 1968

*Owen, Peter *Painting* Oxford Univ. Pr. 1970

Vivas, Eliseo and Krieger, Murray eds *The Problems of Aesthetics* Holt, Rinehart and Winston 1953

PHILOSOPHY IIIH: Philosophy of History (Half Unit)

The first half of the course will be concerned with some problems in the philosophy of the social sciences. Some of the problems arise from discussions of objectivity, explanation, verification, the empiricist's pre-suppositions, etc. The course will attempt to start with these methodological problems as seen by social scientists, and then move into a discussion of some of the relevant philosophical literature. The second half of the course will be devoted to two particular problems in the philosophy of history: 1. the nature of historical inferences from present evidence to past events; and 2. the nature of rational and dispositional explanations.

Note: This subject may be combined with either a half-unit in history or a half-unit in philosophy to form a full unit in either history or philosophy.

Prerequisites: One history and one philosophy unit, at least one of which is at second-year level.

Class Requirements: Two lectures and one tutorial a week for the second half of the year.

Prescribed Reading

*Dray, William H. ed. *Philosophical Analysis and History* Harper & Row 1966

Dray, William H. *Laws and Explanation in History* Oxford Univ. Pr. 1957
Further reading to be announced.

PHILOSOPHY IIJ: Philosophy of Science A (Half Unit)

The emphasis of this half-unit will be on epistemological questions relating to science. The course will include:

- (a) an introductory study of some of the relevant scientific and philosophical background to the rise of the philosophy of science;
- (b) a study of some of the following problems: meaningfulness and testability, induction and confirmation, the nature of laws, the nature of scientific explanation, the role of conventions in science;
- (c) a study of recent work on changes of meaning and the nature of scientific progress.

PHILOSOPHY

Prerequisites: Philosophy IIA or IIB.

Class Requirements: Two one-and-a-half hour seminars a week for the first half of the year.

Prescribed Reading

*Kuhn, Thomas S. *The Structure of Scientific Revolutions* Univ. of Chicago Pr. 1964

Brody, Boruch A. ed. *Readings in the Philosophy of Science* Prentice-Hall 1970

PHILOSOPHY IIK: Philosophy of Science B (Half Unit)

The emphasis of this half unit will be on the foundations and philosophical problems of various scientific theories. The topics discussed will be selected from: (a) space, time, and the foundations of the theory of relativity, (b) foundations of mathematics, (c) laws, theories and explanation in the physical and biological sciences, (d) philosophical problems of quantum mechanics, (e) conventionality of scientific theories.

Prerequisites: Philosophy IIA or IIB.

Class Requirements: Two one-and-a-half hour seminars a week for the second half of the year.

Note: This course may not be available in 1972. It is anticipated that it will be available in 1973. Advice on the availability of this subject for 1972 will be available from the Philosophy Department in December.

PHILOSOPHY IIIN: Formal Logic B (Half Unit)

The course will consist of the study of some non-classical logics. The particular topics are: free, modal and Lesniewskian systems; intuitionism and intuitionistic philosophy of mathematics; other unorthodox logics.

Prerequisite: Philosophy IIA. In addition students will be expected to have at least sat in on Philosophy IIIB, or to have attained an equivalent knowledge of classical quantificational semantics and proof theory, and of axiomatic set theory.

Class Requirements: Three hours of lectures and seminars a week for the second half of the year.

Recommended Reading

Hughes, George E. and Cresswell, M. J. *An Introduction to Modal Logic* Methuen 1968

PHILOSOPHY IIIZ: Free Philosophical Studies (Half Unit)

A limited number of students may be permitted by the chairman of the Department of Philosophy 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 course. They should work on that project under the supervision of a member of staff throughout the year, and submit a report on their research to the course co-ordinator no later than the last day of third-term.

PHILOSOPHY

Prerequisite: Students will need to make application through the Philosophy Student Adviser in December. Students who are not in the third year of a philosophy major will normally not be considered. Approval of an application will depend on the student's past academic record, tutors' reports, the outline of the intended project, and the availability of a member of staff to supervise the project. It is anticipated that only a very small number of applications will be approved.

Class Requirements: Supervision sessions and other requirements throughout the year as arranged for each individual student.

PHILOSOPHY IV

This subject is the final year of the honours course in philosophy. The subject consists of studies in four of the following areas:

(a) **METAPHYSICS AND EPISTEMOLOGY (PROBLEMS).** Certain problems about the analysis of statements about minds, and about our knowledge of minds, will be discussed.

(b) **METAPHYSICS AND EPISTEMOLOGY (TEXT).** A critical study of selected texts, including *Philosophical Investigations* (Wittgenstein) and *Word and Object* (Quine).

(c) **ETHICS.** A study of some problems in moral philosophy. Information about specific topics will be available at the beginning of the course.

(d) **PHILOSOPHICAL LOGIC.** A study of problems in both deductive and non-deductive reasoning including entailment, counterfactuals, conditionals, modality, support, analogical inference, and induction. Also a study of some metalogical problems that arise in connection with convention, possible worlds, analyticity, etc.

(e) **MATHEMATICAL LOGIC.** Completeness results for classical first-order quantificational logic, formal number theory, recursive functions, philosophy of mathematics, (Prerequisite: Philosophy IIIB).

(f) **PHILOSOPHY OF SCIENCE.** Epistemological questions relating to science, including a study of problems such as meaningfulness and testability, induction and confirmation, the nature of laws and scientific explanation, the role of convention in science, and a study of recent work on changes of meaning and the nature of scientific progress.

(g) **POLITICAL PHILOSOPHY.** Topics discussed will include some or all of the following: the nature of the state, rights, equality, liberty, the concepts of law and morals.

In addition students are required to write a research essay on an approved topic, and are expected to commence work on this essay during the long vacation i.e. before the start of the academic year in which they have enrolled for Philosophy IV.

Further details are available from the Philosophy Department.

PHYSICAL SCIENCES

PHILOSOPHY OF SCIENCE

The philosophy of science area of study is a course bridging the humanities and the sciences, and students intending to major in this area should normally be qualified for admission to either the School of Physical Sciences or the School of Biological Sciences.

The first year of the course will normally consist of: Philosophy I, and any two subjects selected from the School of Physical Sciences or the School of Biological Sciences.

In the second year students majoring in philosophy of science must enrol in Philosophy IIA, IIB and either one additional second-year philosophy unit and one second-year science unit, or two second-year science units.

The third year of the course will consist of an approved combination of logic, science and philosophy of science units as set out in the handbook. It is expected that a philosophy of science major will also be available to students in the Schools of Physical Sciences and Biological Sciences. Students wishing to take a major in philosophy of science with a view to completing a BSc degree should consult the adviser of studies of the appropriate science School before enrolling.

POSTGRADUATE STUDIES

Suitably qualified students will be accepted for postgraduate study in philosophy, for the master's preliminary, the MA or the PhD.

Available fields of study include aesthetics, ethics, epistemology, logic, philosophy of science, philosophy of mathematics, political philosophy, metaphysics, philosophy of language, aspects of contemporary philosophy, philosophy of history.

PHILOSOPHY OF SCIENCE

The philosophy of science area of study is a course bridging the humanities and the sciences. Students intending to major in this area should normally be qualified for admission to either the School of Physical Sciences or the School of Biological Sciences. The course will consist of an approved combination of logic, science and philosophy of science units. For additional information, consult the philosophy section of this handbook.

PHYSICAL SCIENCES

PHYSICAL SCIENCES IT

This unit is a combination of approximately half a unit from the Mathematics IC course and approximately half a unit of physics. It is designed for students not enrolled in the School of Physical Sciences.

Pages missing from original handbook

POLITICS IIA (Full Unit)

Dr R. Plehwe, Dr Joan Rydon, Dr R. F. I. Smith

A study of the political systems of Great Britain, Australia and the United States. The course examines some theories of constitutional government, political attitudes and voting behaviour, and the operation of political institutions, e.g., executives, legislatures, parties and pressure groups. These topics are studied in the context of a comparison between the American presidential system and the British and Australian versions of cabinet government.

Prerequisite: Politics I. Students who passed Politics IB-Sociology IB, History IC-Sociology IC or History IB in 1967 will also be admitted.

Class Requirements: Two one-hour lectures and one tutorial (one and a half hours) a week are time-tabled, but the second lecture may not always be given. Written work will include at least two essays.

Examination: Assessment by one three-hour examination and essays.

Reading: Detailed reading lists will be issued in class.

POLITICS IIB (Full Unit)

Mr L. Glezer

A comparative analysis of Communist political systems. The main emphasis will be on the Soviet Union and China with some discussion of politics in several East European countries.

An analysis of Communist ideologies together with a study of the processes and institutions that have evolved in these societies.

Enrolments in this unit may be restricted.

Prerequisite: As for Politics IIA.

Class and Examination Requirements: As for Politics IIA.

Preliminary Reading

*Mills, C. Wright *The Marxists* Penguin 1963

*Deutscher, Isaac *Stalin, A Political Biography* Penguin 1966

*Schram, Stuart, R. *Mao Tse-tung* Penguin 1967

POLITICS IIC (Full Unit)

Professor H. A. Wolfsohn, Dr R. Plehwe, Mr C. Rubenstein

A study of the development and political culture of the German and French political systems, in which particular attention will be paid to the totalitarian era in Germany.

Prerequisite: As for Politics IIA.

Class and Examination Requirements: As for Politics IIA.

Enrolment in this unit may be restricted.

Preliminary Reading

Rothman, Stanley *European Society and Politics* Bobbs-Merrill 1970

*Edinger, Lewis J. *Politics in Germany* Little, Brown 1968

*Ehrmann, Henry W. *Politics in France* Little, Brown 1968

*Lijphart, Arend *Politics in Europe* Prentice-Hall 1969

Detailed reading lists will be issued in class.

POLITICS

POLITICS IID (Full Unit)

Professor H. A. Wolfsohn, Dr H. Kawaguchi

Modern Japanese politics. See Politics IIID for details. Students wishing to enrol in this unit must first obtain the permission of the chairman of the Department of Politics.

Prerequisite: As for Politics IIA.

Class and Examination Requirements: As for Politics IIID.

POLITICS IIIA (Full Unit)

Mr T. Polis, Mr L. Glezer, Mr C. Rubenstein

This course consists of central issues in political sociology and psychology of politics.

Political sociology examines questions such as the distribution and nature of power, the social basis of political activity, the functions of a variety of elites and their relationship to class, status and group factors.

The psychology of politics will include an introduction to such concepts in social psychology and psychoanalysis as are commonly used in psychological interpretations of politics. Emphasis will be laid on the study of the individual personality in relation to the political process. Topics include 'the authoritarian personality', the formation and change of attitudes, voting behaviour, mass movements and their followers, childhood learning of politics, and psychopathology in relation to politics.

Prerequisite: Any second-year politics subject.

Class Requirements: At least one lecture and one tutorial a week throughout the year.

Examination: Assessment by one three-hour written examination and essays.

Preliminary Reading

*Brown, Roger W. *Social Psychology* Free Press 1967

*Rieselbach, Leroy N. *Psychology and Politics; an Introductory Reader* Rinehart and Winston 1969

*Berger, Peter L. *Invitation to Sociology* Penguin 1966

*Runciman, Walter C. *Social Science and Political Theory* 2nd edn, Cambridge Univ. Pr. 1969

*Mills, C. Wright *The Sociological Imagination* Oxford Univ. Pr 1967

*Cohen, Percy S. *Modern Social Theory* Heinemann 1968

Detailed reading lists will be issued in class.

POLITICS IIIB (Full Unit)

Dr J. H. Beaglehole (Malaysia/Indonesia), Dr K. A. Good (Africa),

Mr J. Schehtman (Middle East and Latin America),*

Dr R. F. I. Smith (India)

Asian, African and Latin American studies with the possibility of specialization within these areas, combined with a study of selected comparative and theoretical material.

Prerequisite: Any second-year politics subject.

Class and Examination Requirements: As for Politics IIIA.

* The Middle East and Latin America will normally be offered in alternate years. The Middle East will be offered in 1972.

POLITICS IIIC: International Relations (Full Unit)

The availability of this subject in 1972 is dependent upon a suitable staff appointment.

Prerequisite: Any second-year politics subject.

Class and Examination Requirements: As for Politics IIIA.

Reading List: To be issued in class.

POLITICS IIID (Full Unit)

Professor H. A. Wolfsohn, Dr H. Kawaguchi

An investigation of the political and economic development of Japan since the Meiji Restoration. A detailed analysis will be provided to account for the speed and success of Japan's rise to the position of a leading industrial power. The focus will be on the adaption of traditional Japanese institutions to the requirements of modernization. Some comparisons will be made with Germany, the only European country whose social, political and economic development since 1870 shows a strong resemblance to that of Japan.

Prerequisite: Any second-year politics subject.

Class and Examination Requirements: As for Politics IIIA.

Preliminary Reading

*Storry, Richard *A History of Modern Japan* Penguin 1967

Prescribed Reading

*Conference on Political Modernization in Japan and Turkey, Gould House, 1962. *Political Modernization in Japan and Turkey* ed. Robert E. Ward and D. A. Rustow, Princeton Univ. Pr. 1968

*Dahrendorf, Ralf *Society and Democracy in Germany* Weidenfeld & Nicolson 1968

HONOURS

Honours work, for students selected by the department on the basis of their performance in Politics I, begins in second year. Honours students will normally be required to take a special seminar course, additional to their other politics subjects, in both their second and third years before entering, subject to satisfactory performance, the final honours year. In special circumstances, however, a student may be invited to undertake honours at the end of the second year. All honours courses run for two terms.

PORTUGUESE

In second year, one honours course is offered: an introduction to selected classical political theories, with particular reference to their relevance to contemporary political discourse.

In third year, students may select one of the following options, each of which is related to one of the third-year politics pass courses: power and social order (related to Politics IIIA); theoretical approaches in comparative politics (related to Politics IIIB); aspects of international relations theory (related to Politics IIIC);* Japanese and German political thought (related to Politics IIID).

In fourth year, students are required to take a course in contemporary political theory and analysis (Politics IVA), together with two other courses selected in 1972 from the following options: political belief systems (Politics IVB); aspects of Australian politics (Politics IVC); bureaucracy and public administration (Politics IVD); the political process: case studies in public policy (Politics IVE); quantitative methods in political research (Politics IVF). Fourth-year honours students will also be required to write a thesis of 10,000-12,000 words on topics to be selected and approved during the long vacation at the end of third year.

* This course may not be available in 1972.

POSTGRADUATE STUDIES

Facilities are available for students wishing to proceed to the MA degree or the Ph D degree. Among the research fields available are: Australian politics; politics of developing areas including Africa, India, Malaysia, Latin America, the Middle East and New Guinea; politics of Commonwealth countries; political sociology; psychology of politics; public administration; electoral studies; labour movements; agrarian politics; politics of science; political methodology.

PORTUGUESE

The Spanish division in the Department of Modern Languages offers two units in Portuguese.

PORTUGUESE I (Full Unit)

This unit is also known as Spanish IIIE, as it is an optional unit for students of Spanish in the third year. It is also available to students of the School of Social Sciences in any year.

The subject is basically an introduction to practical Portuguese, especially in its Brazilian variety. It includes an introduction to contemporary Brazilian literature or, for social scientists, to the reading of texts in Portuguese relating to the discipline of their choice.

Prerequisite: For social sciences students — none. For students of Spanish — Spanish I and Spanish II.

Examination: Assessment by means of class work and essay.

PSYCHOLOGY

Prescribed Reading

Modern Language Association of America *Modern Portuguese* Knopf 1971
Pontiero, Giovanni *An Anthology of Brazilian Modernist Poetry* Pergamon
1969

Amado, Jorge *Jubiaba Livros do Brasil*

PORTUGUESE II (Full Unit)

This unit is also known as Spanish IVD. Its contents vary from year to year according to the special interests of staff available and to the capacities and requirements of students.

Further information is available from the Department of Modern Languages.

PSYCHOLOGY

PSYCHOLOGY I: (Full Unit)

Mr R. B. Montgomery

The course is concerned with the study of motivation, with particular emphasis on love and aggression. The study of these two themes will be used to introduce the student to the areas of biological bases of behaviour, development, drive and emotion, learning and memory, sensory-motor integration, and abnormal and social behaviour. There will also be a component of the course concerned with experimental procedure, the techniques for collection and analysis of data, and questions of interpretation of data.

Prerequisites: The prerequisites for students enrolling for the B Sc degree are passes in the Victorian higher schools certificate examination or an approved equivalent in chemistry and any one subject from biology, physics or a branch of mathematics. There are no prerequisites for students enrolling for the Bachelor of Arts degree.

Class Requirements: Two one-hour lectures and one three-hour laboratory class a week.

Examination: Assessment will be by written laboratory reports and essays, and by objective tests at the end of each term.

Preliminary Reading

Broadhurst, P. L. *The Science of Animal Behaviour* Penguin 1963

Morris, D. *The Naked Ape* Baylis 1967

Prescribed Reading

Harlow, H. F., McGaugh, J. L. and Thompson, R. F. *Psychology* Albion
1971

Townsend, J. C. *Introduction to Experimental Method* McGraw-Hill 1953

ROMANCE LANGUAGES

An area of study course in Romance languages will be available for students wishing to combine studies in French and Spanish. The course,

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which may be taken as a major or as an honours degree, will include the study of literature, linguistics and the philosophy of language as well as practical language work. The scheme of study will be as follows:

First year: French I, Spanish I, Philosophy I

Second year: French IIA, Spanish IIA; French IIB or Spanish IIB (section of course devoted to phonetics and Romance linguistics only: half unit); Philosophy IID (philosophy of language: half unit).

Third year: French IIIA or IIIB; Spanish IIIA or IIIB; French IIIC or Spanish IIIC (Romance linguistics).

Fourth year: Additional advanced work in Romance languages and (honours) literature.

Students who wish to undertake this course should consult the chairman of the Department of Modern Languages after they have completed their first year of study.

SOCIAL SCIENCES

The following interdepartmental subjects are offered in the School of Social Sciences:

SOCIAL SCIENCES IA: The Development of Institutions and Ideologies (Half Unit)

Professor D. H. Whitehead

This half unit will be concerned with the relationship between changes in economic organization and their influence upon institutions and ideologies. It chooses examples from a variety of historical situations.

Prerequisite: None.

Class Requirements: One lecture a week for three terms and one tutorial a fortnight for three terms. Essays and seminar papers will be required.

Prescribed Reading

*Hicks, John R. A. *Theory of Economic History* Clarendon Press 1969

*Tawney, Richard H. *Religion and the Rise of Capitalism* Penguin 1938

*Heilbroner, Robert L. *The Making of Economic Society* 2nd edn, Prentice-Hall 1968

SOCIAL SCIENCES IB: (Half Unit)

Professor S. P. Burley and Professor F. G. Davidson

This half unit is intended to give an elementary introduction to the uses of quantitative methods in the social sciences.

Two separate streams of lectures are offered to take account of differences in mathematical background and interests.

The upper stream assumes an ability to cope with leaving standard mathematics, and students are advised to choose this stream if they wish to go on to Economic Statistics II and/or Mathematical Economics II.

The lower stream does not assume leaving mathematics and is a less advanced course. Students who take this stream would require an

SOCIAL SCIENCES

A or a B to be admitted to Economic Statistics II and/or Mathematical Economics II, and would also need to do extra background work in those subjects.

Prerequisite: None.

Class Requirements: Lectures — one a week for three terms. Tutorials — one a fortnight for three terms.

Examination: The three-hour final examination will have separate papers for stream I and stream II.

Preliminary Reading

UPPER STREAM: None

LOWER STREAM

Huff, Darrell *How to Lie with Statistics* Norton 1954

Prescribed Reading

UPPER STREAM

*Lipschutz, Seymour *Schaum's Outline of Theory and Problems of Finite Mathematics* Schaum Pub. Co. 1966

LOWER STREAM

*Yeomans, K. A. *Statistics for the Social Scientist* Penguin 1968. *Introducing Statistics* vol. 1

*Yeomans, K. A. *Statistics for the Social Scientist* Penguin 1968, vol. 2 *Applied Statistics*

*Reichmann, William J. *Use and Abuse of Statistics* Penguin 1964

References

LOWER STREAM

Official Year Book of the Commonwealth of Australia 1971

Students taking the lower stream are also recommended to obtain an Otis King Calculator Model K (or failing that a slide rule).

SOCIAL SCIENCES IIIA: The Development of Papua and New Guinea (Full Unit)

Mr W. R. Stent

This subject will be taught by members of the Departments of Economics, History, Politics and Sociology, and will aim at using the methods of all these disciplines to arrive at an understanding of the nature of society in Papua and New Guinea and the problems it faces. Themes to be studied include the nature of traditional society, the European impact, the building of a colonial order, problems of development and social change until the Second World War, and present problems and future prospects.

Prerequisite: Completion of the second year of the degree, except with the special approval of the members of staff responsible for the subject.

Class Requirements: One lecture and one tutorial a week for three terms. Two essays and additional class papers throughout the year.

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Examination: One three-hour paper.

Preliminary Reading

Rowley, Charles D. *The New Guinea Villager* Cheshire 1965

Hastings, Peter *New Guinea; Problems and Prospects* Cheshire 1969

SOCIAL SCIENCES IIIB: History of Economic and Political Thought (Full Unit)

Mr M. P. Schneider

This course examines the history of economic and political thought over the period 1750-1950, including an investigation of the social and economic environment in which these ideas developed. The course will be conducted by members of staff of the Departments of Economics, History, Philosophy, and Politics.

Prerequisite: Economics I.

Class Requirements: Two two-hour sessions a week for three terms: Essays and seminar papers as set during the year.

Examination: Assessment by means of one three-hour paper, and two essays done under examination conditions during the year.

Preliminary Reading

*Heilbroner, Robert L. *The Worldly Philosophers* 3rd edn, newly rev. Simon and Schuster 1967

Prescribed Reading

*Curtis, Michael ed. *The Great Political Theories* Avon Book Division 1962, vol. 2

*Mathias, Peter *The First Industrial Nation* Methuen 1969

Rima, I. H. *Development of Economic Analysis* R. D. Irwin 1967

SOCIAL SCIENCES IIIC: Sociological and Economic Theories of the Firm (Full Unit)

Dr B. R. Stewardson, Dr P. C. S. Trahair

This subject aims to study the behaviour of the firm through a detailed examination of the motives and environments of the decision makers of the firm. The course will be conducted by members of staff of the Departments of Sociology and Economics.

Prerequisite: Economics IIA, except with the special approval of the members of staff responsible for the subject.

Class Requirements: One lecture and one seminar a week for three terms. Such written work as may be required.

Examination: To be announced.

Prescribed Reading: To be announced.

Enrolment in this subject may be restricted.

SOCIAL SCIENCES IIID: Mathematical Economics (Full Unit)**Professor S. P. Burley**

This subject is divided into two parts: one is taught by members of the Mathematics Department, and provides training in basic mathematical arts, while the other is taught in the Economics Department, and deals with more specialized mathematical theory, as well as applications of mathematics to a range of economic problems. In the part taught by the Mathematics Department, mathematics components from various stages, depending on the student's background, may be taken after consultation; the total value must, however, be equivalent to half a unit in third-year social sciences. The mathematics units available are listed and described in the mathematics entry.

In the part taught by the Economics Department, the syllabus will include: fundamental theory of concave programming, and optimization theory, i.e., convex sets, concave (etc.) functions, Lagrange multipliers, Kuhn-Tucker theory, theory of linear programming, and duality; applications of these to consumer demand theory, exchange models, production theory, general equilibrium models, and some problems of economic growth.

Prerequisite: Mathematical Economics II and/or Economic Statistics II or any mathematics subject. (It would be inadvisable for any student who has not passed a mathematics subject or Mathematical Economics II to attempt this subject without at least a B in Economic Statistics II.)

Class Requirements: Economics — one lecture and one tutorial a week throughout the year. Mathematics — as required by the Mathematics Department.

Examination: Economics — one three-hour paper. Mathematics — as required by the Mathematics Department.

Preliminary Reading

*Koopmans, Tjalling *Three Essays on the State of Economic Science*
McGraw-Hill 1957 (Particularly the first essay)

SOCIAL SCIENCES IIIE: Marxism (Full Unit)

This unit will consist of a total of two seminar electives chosen from those set out below. (Please note that one further seminar elective may become available.) The philosophy and imperialism electives are each taught throughout the year and fall into two parts, so that it is possible for a student, if he should so wish, to change at a certain point from either in order to join the economics elective, which is taught in the second half of the year.

Philosophy Elective**Mr J. Fox**

A study of Marx's thought, with emphasis on the development of his ideas and on philosophical questions they raise. Among the topics

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considered will be alienation and its transcendence, materialism and idealism, class and class consciousness, ideology and objectivity, the status of marxism (a science? a methodology? an ideology?) and its relation to morality and to questions in the philosophy of the social sciences. **Class Requirements:** One one-and-a-half hour seminar a week throughout the year.

Prescribed Reading

- *Marx, Karl *Marx and Engels; Basic Writings on Politics and Philosophy* ed. L. S. Feuer, Fontana 1969
- *Marx, Karl *Writings of the Young Marx on Philosophy and Society* trans. and ed. Lloyd D. Easton and Kurt H. Guddat, Anchor 1967
- *Avineri, Shlomo *The Social and Political Thought of Karl Marx* Cambridge Univ. Pr. 1968

Imperialism Elective

Mr K. Good

A critical consideration of theories of imperialism, an appraisal of post World War II global relations, and an analysis of the modern capitalist state, with reference to an examination of the content and relevance of theories of imperialism today.

Class Requirements: One one-and-a-half hour seminar a week throughout the year.

Prescribed Reading

Kemp, T. *Theories of Imperialism* Dobson 1967

Economics Elective

Mr M. Schneider

This includes a discussion of the questions raised by the classical economists, Marx's economic theories, neo-Marxian theories of imperialism, the relation between Marxian and Keynesian macroeconomic theory, the theory of monopoly capital as developed by Baran and Sweezy, and Marxian economics as interpreted by Mandel.

Class Requirements: One one-and-a-half-hour seminar a week for the second half of the year.

Prescribed Reading

Freedman, R. ed. *Marxian Economics* Pelican 1968

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Sociology is concerned with the comparative study of culture and society. The course aims to give students a basic training in the methods and theories of sociology, while at the same time allowing intensive study of selected topics. To this end, the course for a student majoring in sociology is composed of a compulsory core unit in each of the three years and, in addition, a number of electives from which the student

selects subjects with a value of one unit in second and one unit in third year. One of the second-year electives is a full unit. All other electives are half units.

The organization of the undergraduate pass course is summarized in the accompanying table.

This table does not include the subject Sociology IIS IIS, Sociology of Language, taught in the first half of the year. For other possible changes please consult supplementary information available from Miss E. Behan, assistant to the dean, room 418, social sciences building.

A student intending to major in sociology should take:

First Year: History-Sociology I, or Sociology IA or Sociology IB;

Second Year: Sociology IIA plus two half-unit electives or a one-unit elective;

Third Year: Sociology IIIA plus two half-unit electives.

Third-year students majoring in sociology may, if they wish, take an interdepartmental subject as their third unit (see Social Sciences III subjects). The Department of Sociology contributes to the teaching of two of these subjects, the development of Papua and New Guinea and sociological and economic theories of the Firm.

The department places a limitation on enrolments in half units. A student's initial enrolment in any half unit is provisional and acceptance will not finally be confirmed until the end of the enrolment period. Selection for half units will be based on the following principles:

1. Students who have enrolled by the end of the enrolment period will be given preference over late enrolments.
2. Where a subject is offered at both second and third-year levels, third-year students will be given preference.
3. In selection among third-year students, the order of preference will be:
 - (a) students enrolled to complete their course,
 - (b) part-time students who are not on a restricted work-load,
 - (c) other students.
4. In selection among second-year students, the order of preference will be:
 - (a) students enrolled to complete second year,
 - (b) part-time students who are not on a restricted work-load,
 - (c) other students.

Students who have a special contribution to make to a half unit by virtue of previous academic or other experience may be given preference over other applicants.

An honours student takes the pass course at first, second and third-year levels, supplemented by additional work in third year. In fourth-year, honours students take three units of course work in sociology and present a research essay. Details of the 1972 fourth-year honours course will be announced in December.

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FIRST YEAR

History-Sociology I (Full Unit)

OR

Sociology IA (Full Unit)

OR

Sociology IB (Full Unit)

SECOND YEAR

Sociology IIA (Full Unit)

plus subjects to the value of one unit selected from the following electives:

History-Sociology II: Brazil (Full Unit)

Industrial Relations (Half Unit)

FIRST HALF OF YEAR

SECOND HALF OF YEAR

IIC Organisation Theory (Half Unit)	IIB Deviant Behaviour (Half Unit)
IIE Mass Communication and Society (Half Unit)	IIN Sociology of Education (Half Unit)
IIH Authority and Leadership (Half Unit)	IIR Sociological Film (Half Unit)
IIK Biology of Human Populations (Half Unit)	

THIRD YEAR

Sociology IIIA (Full Unit)

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plus subjects to the value of one unit selected from the following electives:

FIRST HALF OF YEAR

SECOND HALF OF YEAR

IIIB Critical Theory (Half Unit)	IIIE Immigrants and Minority Group Theory (Half Unit)
IIIC Organisation Theory (Half Unit)	IIIW Sociology of Law (Half Unit)
IIIK Biology or Human Population (Half Unit)	IIYY Social Inequality and Political Behaviour (Half Unit)
IIIL Medical and Psychiatric Sociology (Half Unit)	
IIIT Sociology and Existentialism (Half Unit)	
IIIP Free Reading (Half Unit)	

Students who wish to enter the honours course should apply in writing to the chairman of the department immediately after receiving their second-year results. Students with A or B passes in some of their sociology subjects in first and second year will normally be accepted into honours. Applications from other students will be considered on their merit. Students who have taken the third-year honours course and wish to proceed to fourth year should apply in writing to the chairman of the department immediately after receiving their third-year results. Applications from students who have not done the third-year honours subject, Sociology IIIM, but wish to take the fourth-year course will also be considered.

HISTORY-SOCIOLOGY I: Mexico (Full Unit)

Mrs I. Clendinnen, Mr D. Potts (History) and Professor J. I. Martin (Sociology)

History-Sociology I is designed to introduce students to the aims and methods of the two disciplines through an examination of Mexican society. It is one of the three full-unit options available to students who wish to proceed to sociology in second year.

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The history section will include studies of the following topics, for the area now recognized as the state of Mexico: Aztec society and the Aztec empire before Spanish conquest; the impact of Spanish rule and culture on the Indians; colonial society in the seventeenth and eighteenth centuries; the struggle for and achievement of independence; nineteenth century instability and dictatorship; the Mexican Revolution of 1910-20; the social and political development of post-revolutionary Mexico to the present day.

In the second section of the subject, an interpretive study of contemporary Mexican society will provide an introduction to the basic perspectives, methods and concepts of sociology. Among the aspects of Mexican society studied will be: economic and social development, class structure, poverty, urbanization and population growth, Indian communities, fiestas and religion. Methods of data collection and analysis in sociology will be introduced to the student by means of class or individual projects.

Prerequisite: None.

Class Requirements: One lecture, one tutorial and one general meeting a week, or their equivalent, for three terms.

Examination: One three-hour paper and class assignments.

Preliminary Reading

*Soustelle, Jacques *The Daily Life of the Aztecs* Penguin 1964

*Diaz Del Castillo, Bernal *The Conquest of New Spain* Penguin 1963

*Lewis, Oscar *The Children of Sanchez* Penguin 1964

*Lewis, Oscar *Life in a Mexican Village; Tepoztlan Restudied* University Illinois Pr. 1963

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IA (Full Unit)

Dr R. Ireland

Sociology IA is one of the three full-unit options offered in sociology for first-year students. It is designed as an introduction to informed understanding of human social relations. Its major topics include:

(a) Understanding social continuity. Within this topic the family will be studied to help us answer the question: how do social structures continue through time and across generations?

(b) Understanding social change. Within this topic we will take up case studies of social change in various countries, attempting to relate the cases to theories of change.

(c) Understanding Australia. Within this topic studies of continuity and change in Australia will be examined. Methods of data collection and analysis, as an integral part of sociology, will be introduced to the student by means of a class project.

Class Requirements: Two lectures and one tutorial a week.

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Examination: Assessment will be by tutorial papers, term essays and a final examination.

Preliminary Reading

*Worsley, Peter ed. *Introducing Sociology* Penguin 1970 Chapters 1, 3 and 8

or

*Mills, C. Wright *The Sociological Imagination* Oxford Univ. Pr. 1959 (Penguin 1970)

*Berger, Peter L. *Invitation to Sociology* Penguin 1966

SOCIOLOGY IB (Full Unit)

Dr C. Balmer

Sociology IB is one of the three full-unit options offered in sociology for first-year students. It is designed to introduce the student to sociology by a study of contemporary urban society. The themes covered will include the idea of community in both its original rural and contemporary urban settings, the characteristics of urban areas and the processes by which they change, and the impact of urban areas on their residents. Methods of data collection and analysis, as an integral part of sociology, will be introduced to the student by means of class projects. It is expected that this subject will be taught by means of audio-visual aids rather than formal lectures.

Prerequisite: None.

Class Requirements: One lecture, one tutorial and one general meeting a week for three terms.

Examination: One three-hour paper and class work.

Preliminary Reading

*Berger, Peter L. *Invitation to Sociology* Penguin 1966

Prescribed Reading

*Frankenberg, Ronald *Communities in Britain* Penguin 1966

SOCIOLOGY IIA: Social Structure, Conflict and Change (Full Unit)

Dr D. Hickman, Mrs M. Richards, Mrs C. Richmond

This unit is the compulsory second-year core unit for a student majoring in sociology. It will examine the causes, nature and consequences of social divisions, social integration and social change, with emphasis on present-day industrial societies. It will involve enquiry into specific social phenomena as well as broader societal patterns, and study of rival sociological perspectives. There will be further consideration of issues of research methodology.

Prerequisite: Sociology I or History-Sociology I.

Class Requirements: One lecture and one tutorial a week for three terms or equivalent.

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Examination: Assessment will be based on a variety of types of written work, with the option of an examination.

Prescribed Reading

- *Berger, Peter L. and Luckmann, T. *The Social Construction of Reality* Doubleday 1967
- *Worsley, Peter ed. *Modern Sociology: Introductory Readings* Penguin 1970

SOCIOLOGY IIB: Deviant Behaviour (Half Unit)

Mrs C. Richmond

This half unit is concerned with some major sociological explanations of deviant behaviour, especially the contributions of Durkheim, Merton and Parsons, and the recent theories of Lemert, Becker, Erikson and others which relate deviant behaviour to the power structure and the processes of law enforcement. Except for some study of Freud and Eysenck, psychological explanations of deviant behaviour will not be stressed. Particular content areas of deviant behaviour — such as delinquency and homosexuality — will be studied only in the context of theoretical considerations.

Prerequisite: Students must have completed or be enrolled in Sociology IIA.

Class Requirements: One seminar and one tutorial a week for the last 13 weeks of the year.

Examination: Assessment by means of a variety of options, including long and short essays and an optional examination.

Preliminary Reading: one of the following;

- *Becker, Howard S. *Outsiders* Free Press 1966
- *Becker, Howard S. *The Other Side* Free Press 1967
- *Cohen, Albert K. *Deviance and Control* Prentice-Hall 1966
- *Rubington, Earl J. and Weinberg, Martin S. *The Study of Social Problems* Oxford Univ. Pr. 1971

Prescribed Reading

An annotated reading list will be available at the end of third term 1971 on application to the assistant to the dean, room 418, social sciences building.

It may be necessary to impose a quota on enrolments in this subject.

HISTORY-SOCIOLOGY II: Brazil

Dr R. Ireland, Dr A. Disney, Miss S. Lauderdale

This unit will raise selected themes in the history and sociology of Brazil. These will include studies of how the various racial and social elements have related from pre-colonial times to the present, and of characteristics and trends in the Brazilian power structure. Methods and perspectives of both disciplines will be integrated.

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Prerequisites: A student taking this unit as part of a sociology major must have completed or be enrolled in Sociology IIA.

Class Requirements: One or two lectures and one seminar a week for three terms.

Examination: Assessment to be determined.

Preliminary Reading

*Poppino, Rollie E. *Brazil: the Land and People* Oxford Univ. Pr. 1968

*Freyre, Gilberto *The Masters and the Slaves* Knopf 1956

*Wagley, Charles *An Introduction to Brazil* Columbia Univ. Pr. 1963

*Cunha, Euclides da *Rebellion in the Backlands* Univ. of Chicago Pr. 1964

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIC, IIC: Organization Theory (Half Unit)

Dr R. C. S. Trahair

This half unit will examine several theories of organization.

Prerequisite: As part of a second-year course, this half unit can be taken only by students who have completed or are enrolled in Sociology IIA. As part of a third-year course, it can be taken only by students who have completed or are enrolled in Sociology IIIA.

Class Requirements: One lecture and one tutorial a week for the last 13 weeks of the year.

Examination: One three-hour paper.

Preliminary Reading

*Collins, A. K. *The Dynamics of Organization* Sun Books 1968

*Etzioni, Amitai *Modern Organizations* Prentice-Hall 1964

*Schein, Edgar H. *Organizational Psychology* Prentice-Hall 1965

Recommended Reading

*Blau, Peter M. and Scott, W. R. *Formal Organizations: a Comparative Approach* Routledge 1966

Prescribed Reading

*Katz, Daniel and Kahn, R. L. *The Social Psychology of Organizations* Wiley 1966

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIE: Mass Communication and Society (Half Unit)

Mrs P. Edgar

This half unit will include a study of communication theory; mass society and mass culture; mass-media effects; communication in under-developed countries, mass media and the formation of public opinion; McLuhan.

Prerequisite: Students must have completed or be enrolled in Sociology IIA.

Class Requirements: One two-hour seminar a week for the first 13 weeks of the year.

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Examination: One three-thousand-word essay. In addition, all students will be expected to take part in research work and complete a research assignment.

Recommended Reading

*Larsen, Otton N. *Violence and the Mass Media* Harper & Row 1968

*Halloran, James D., Elliott, P. and Murdock, G. *Demonstrations and Communication; a Case Study* Penguin 1970

*McLuhan, Herbert M. *Understanding Media* Routledge 1964

*McQuail, Denis *Towards a Sociology of Mass Communication* Collier-Macmillan 1969

Tunstall, Jeremy *Media Sociology* Constable 1970

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIK, IIK: The Biology of Human Populations (Half Unit)

Professor P. A. Parson, Mrs Astrid Rose

This half unit consists of an introduction to the biology of human populations in the broadest sense, and will cover topics such as human biology, human genetics, human behaviour, growth, development and ageing, and aspects of physical anthropology. Some attempt will be made to show the relevance of human biology in sociology.

Prerequisite: As part of a second-year course, this half unit can be taken only by students who have completed or are enrolled in Sociology IIA. As part of a third-year course, it can be taken only by students who have completed or are enrolled in Sociology IIIA.

Class Requirements: Two lectures and one tutorial a week for the first 13 weeks of the year.

Examination: Students will be assessed by means of written assignments and one three-hour written examination.

Prescribed Reading

Genetics notes, by the Department of Genetics and Human Variation

Clegg, Edward J. *The Study of Man: an Introduction to Human Biology* English Univ. Pr. 1968

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIN: Sociology of Education (Half Unit)

Dr D. Hickman

This half unit is concerned with some aspects of the relation between education and society and analysis of the school as an organization. It will consider such issues as the extent to which formal education promotes social equality and alternative structures for schools in situations of rapid change and where power lies in the educational system.

Prerequisite: Students must have completed or be enrolled in Sociology IIA.

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Class Requirements: Two hours formal teaching a week during the last 13 weeks of the year. This will include some lectures, some tutorials and some project groups.

Examination: Assessment will be by a variety of written work.

Preliminary Reading

*Grambs, Jean D. *Schools, Scholars and Society* Prentice-Hall 1965

Prescribed Reading

*Katz, Frederick M. and Browne, R. K. *Sociology of Education* Macmillan of Australia 1970

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIH: Authority and Leadership (Half Unit)

Miss C. Inglis

This half unit will focus on two aspects of the political process, authority and leadership. Various theories of authority, leadership and power are considered (e.g. Weber, Marx). Although some use is made of material from small group studies and Western societies, examples will be mainly derived from colonial and newly independent countries where leadership and authority patterns are undergoing change.

Prerequisite: Students must have completed or be enrolled in Sociology IIA.

Class Requirements: Two hours a week for the first 13 weeks of the year.

Examination: Assessment will be on the basis of written assignments.

Preliminary Reading

*Mair, Lucy P. *Primitive Government* Penguin 1962

*Mackenzie, William J. M. *Politics and Social Science* Penguin 1967

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIR: Industrial Sociology

Dr A. Cubbon

This unit will comprise the first term's course in industrial sociology (Economics IIE) and further seminars to the end of the first thirteen weeks of the year. In these additional seminars themes covering the evolution of modern industry with particular reference to its social aspects will be considered.

Prerequisite: Sociology I or History-Sociology I.

Class Requirements: As for the first term of Economics IIE with additional seminars.

Examination: By two essays.

Prescribed Reading: To be given in class.

SOCIOLOGY IIS, IIIS: Sociology of Language (Half Unit)

Dr G. Mulligan

Details of this subject will be available in December.

Class Requirements: Weekly meetings for the first 13 weeks of the year.

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SOCIOLOGY IIIA: Principles and Techniques of Sociological Inquiry

Mr G. Rose

This unit is the compulsory third-year core unit for a student majoring in sociology. The full year will be given to a study of the problems raised by the theories and methods of sociology, for example, the nature of social reality, the validity of sociological explanation, the relationship between theory and method, and styles of sociological research.

Prerequisite: Sociology IIA.

Class Requirements: To be decided.

Examination: To be decided.

Preliminary Reading

*Berger, Peter L. *Invitation to Sociology* Penguin 1966

*Cohen, Percy S. *Modern Social Theory* Heinemann 1968

*Merton, Robert K. *On Theoretical Sociology* Free Press 1967

*Mills, C. Wright *The Sociological Imagination* Oxford Univ. Pr. 1959, Penguin 1970

SOCIOLOGY IIIB: Critical Theory (Half Unit)

Dr H. Schütte

This half unit, on the background of traditional or positivist sociology, such as the one propounded by Popper, attempts an introduction to critical theory of society (or dialectical or reflexive sociology). The main authors to read are Marx, Lohacs, Adorno, Marcuse and Habermas.

Prerequisite: Students must have completed or be enrolled in Sociology IIIA.

Class Requirements: To be worked out by participants; weekly meetings for the first 13 weeks of the year.

Examination: Assessment by written work and discussions; details to be worked out by participants.

Preliminary Reading

*Marx, Karl *Writings of the Young Marx on Philosophy and Society* trans. and ed. L. D. Easton and K. H. Guddat, Anchor Books 1967.
See 'The German Ideology' (Part I on Feuerbach)

*Habermas, Jurgen *Toward a Rational Society* Heinemann 1971

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIIL: Medical and Psychiatric Sociology (Half Unit)

Mrs R. Otto

This half unit will examine the relationship between sociology and medicine. Relevant areas include: sociologists' contributions to explanations of physical and psychiatric illness (through epidemiology, stress

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research, and societal reaction models); cultural and subcultural influences on behaviour patterns surrounding illness, and their implications for health-care planning; the hospital (general and psychiatric) as a social institution and a mechanism of social control; work and health; and the sociology of drugs.

Students are not expected to give equal attention to all aspects of the course but will focus in greater depth on one or two areas of their choice. They will, however, be expected to become acquainted with the field as a whole through lectures and exchange of ideas in discussion. Some opportunities for fieldwork are available to those interested.

Prerequisite: Students must have completed or be enrolled in Sociology IIIA.

Class Requirements: Two hours a week for the last 13 weeks of the year.

Examination: Methods of assessment to be decided in consultation with participants.

Preliminary Reading

*Brown, James A. C. *Freud and the Post-Freudians* Pelican 1961

*Laing, Ronald D. *The Politics of Experience* Penguin 1967

*Hollingshead, August de B. and Redlich, F. C. *Social Class and Mental Illness* Wiley 1958

Mechanic, David *Medical Sociology* Free Press 1968

Roszak, Theodore *The Making of a Counter Culture* Doubleday 1969

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIIT: Sociology and Existentialism (Half Unit)

Miss S. Lauderdale

This half unit will explore the relationship between social theory and existentialism, emphasizing the work of Peter Berger and the literature of such writers as Camus, Sartre and Beckett.

Prerequisite: Students must have completed or be enrolled in Sociology IIIA.

Class Requirements: One two-hour seminar a week for the first 13 weeks of the year.

Examination: To be decided.

Prescribed Reading

*Berger, Peter L. *Invitation to Sociology* Penguin 1966

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIIV: Social Inequality and Political Behaviour (Half Unit)

Mrs M. Richards

This half unit will be concerned with sociological explanations of political behaviour, focusing on explanations in terms of social inequality. Consideration of traditional theories and specific modern explanations

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(e.g. embourgeoisement, status inconsistency) will be combined with detailed study of specific political phenomena (e.g. right-wing movements, Women's Liberation. Emphasis and examples will be determined as far as possible by the students doing the subject.

Prerequisite: Students must have completed or be enrolled in Sociology IIIA.

Class Requirements: Two hours a week for the last 13 weeks of the year.

Examinations: Students will be assessed by means of written assignments.

Preliminary Reading: To be announced.

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIW: Sociology of Law (Half Unit)

Mr G. Fitzgerald

This half unit will focus on the nature of legal institutions and processes and the inter-relationships between these and other social phenomena such as informal group norms, stratification and other forms of social organization. Particular emphasis will be given to the place of the legal system in the processes of social change, including an examination of the roles played by lawyers, judges and groups of litigants. Various sociological theories of law, both classical and modern, will be critically examined in the light of empirical studies. As far as possible, materials selected for class study will deal with criminal law and contract law.

Prerequisite: Students must have completed or be enrolled in Sociology IIIA.

Class Requirements: One lecture and one tutorial a week for the last 13 weeks of the year.

Examination: Students will be assessed by means of written assignments and an optional written examination. A small amount of empirical research (such as observing magistrates' court) will be expected from each student and those interested will be encouraged to undertake more extensive research projects.

Preliminary Reading

*Schur, Edwin M. *Law and Society, a Sociological View* Random House 1968

*Aubert, Vilhelm (comp. *Sociology of Law: Selected Readings* Penguin 1969

In addition, students who have not taken the half-unit on Deviance should read:

Matza, David *Becoming Deviant* Prentice-Hall 1969

Becker, Howard S. *Outsiders: Studies in the Sociology of Deviance* Free Press 1963

It may be necessary to impose a quota on enrolments in this subject.

**SOCIOLOGY IIIE: Immigrants and Minority Group Theory
(Half Unit)**

Professor J. I. Martin

As this half unit may be taught by a visiting American sociologist, details are not yet available. It is expected, however, that the subject will focus on the comparative study of immigrants as potential minorities and the theory of ethnic pluralism.

Prerequisite: Students must have completed or be enrolled in Sociology IIIA.

Class Requirements: A seminar and tutorial a week for the last 13 weeks of the year, or their equivalent.

Examination: To be determined.

Preliminary Reading

Stroller, Alan *New Faces* Cheshire 1966

*Gordon, Milton M. *Assimilation in American Life* Oxford Univ. Pr. 1964

It may be necessary to impose a quota on enrolments in this subject.

SOCIOLOGY IIIP: Free Reading (Half Unit)

A group (or groups) of third-year students who are majoring in sociology will be permitted to take a free-reading half unit in lieu of one half unit elective, provided that a member of staff is available to act as supervisor, that the subject has departmental approval, and that a student may count only one free-reading half unit towards his degree course.

Prerequisite: Student must have completed or be enrolled in Sociology IIIA.

Class Requirements: To be determined.

MA PRELIMINARY COURSE

A limited number of students will be admitted to the MA preliminary course in 1972. Details may be obtained by writing to the graduate studies adviser, Department of Sociology.

POSTGRADUATE STUDIES

To qualify for admission as a candidate for the MA degree an applicant must have an honours BA degree, or have completed a preliminary course or possess equivalent qualifications. Both full-time and part-time candidates are accepted. The degree may be completed by thesis alone or substantially by course work, but no new course work students will be admitted in 1972.

The department also accepts candidates for the Ph D degree.

Postgraduate students may select thesis topics from the following fields: minority groups and the assimilation of migrants, role theory, deviant behaviour, class stratification, urban sociology, sociology of

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education, sociology of religion, medical sociology, industrial sociology, sociology of law, organization theory and research methodology.

Further information about postgraduate studies may be obtained from the graduate studies adviser.

SPANISH

As Spanish has so far not been widely studied in Australia, a first-year student will not be expected to have studied this language previously. With the approval of the professor, special provision may be made for a student who already has a good command of the language.

Reference Books: All students of Spanish should possess an adequate dictionary. *Cassell's English-Spanish, Spanish-English Dictionary* (Cassell) will suffice, at least in the introductory stages. *Duden espanol* (Duden) will be found a useful book of reference.

Written Work: Written exercises and essays will be prescribed in all Spanish courses. Students who fail to submit such work at the required time, or who fail to satisfy the department's standards, may be refused permission to sit for examinations at the end of the year.

Assessment of Students: The student's performance in tutorial discussions and in written work will be taken into account when his mark for the year's work is being assessed.

SPANISH I

This is a practical introduction to the Spanish language. In the first term a student will concentrate on acquiring a sound knowledge of the spoken language and will spend a considerable amount of his time in the language laboratory. During the remainder of the year he will be introduced to contemporary written Spanish through the study of excerpts from the press of Spain and Latin America, of the work of representative authors and of various epistolary styles. Free composition will be taught at this stage, but no translation.

During the whole of the year formal instruction will be given on the origins and nature of Hispanic culture and particular emphasis will be laid on its manifestations in Latin America.

Prerequisite: None.

Class Requirements: Lectures — one a week for three terms. Laboratory hours (under supervision) — four a week for three terms.

A student will be required to spend additional time in the laboratory working individually.

Prescribed Reading

*Florit, R. *Escuche y acierte* McGraw-Hill

Modern Language Association of America *Modern Spanish* Harcourt 1966

Reference

Michel, R. J. and Sancha, L. L. *ABC de civilización hispánica* Harrap

Supplementary Reading

- *Atkinson, William C. *A History of Spain and Portugal* Penguin 1960
- *Auerbach, Eric *An Introduction to Romance Languages and Literature* Putnam
- *Brenan, Gerald *The Literature of the Spanish People* Penguin
- Franco, Jean *An Introduction to Spanish-American Literature* Cambridge Univ. Pr. 1969
- *Mangold, Walter *Lengua y vida españolas: Grado Superior: España tierra y hombres* Hackette-Mangold
- Pendle, George *History of Latin America* Penguin 1963
- Trend, John B. *The Civilization of Spain* Oxford Univ. Pr. 1944

SPANISH IIA

All students of Spanish at second-year level take part in a course in practical Spanish. No student can be credited with either second-year unit without passing in practical Spanish.

This subject is made up of two parts:

1. Practical Spanish
2. One of the following:
 - (a) Latin American literature;
 - (b) Contemporary Spanish literature;

Emphasis falls on studying the literary, or artistic, presentation of short story, drama and poetry, and its contribution to the appeal and efficacy of the writer's standpoint on issues ranging from the very personal to the socially or politically significant. The course is arranged, and texts (unbowdlerized) are selected, with the student's linguistic competence carefully considered.

 - (c) Linguistics I.
 - (d) Sociology IIK/IIK: The biology of human populations.

Prerequisites: As pass in Spanish I or equivalent qualification.

Class Requirements: Language laboratory — four hours a week for three terms. Lectures — one a week for three terms. Tutorials — one a week for three terms.

A student will be required to spend additional time in the laboratory working individually.

Prescribed Reading: A list will be available from November, 1971.

SPANISH IIB

Spanish IIB is the course followed by a student taking Spanish as a major sequence in his second year. It is made up of four parts:

1. Practical Spanish.
2. Three of the following or History-Sociology II (Brazil) and one of the following:
 - (a) Latin American literature
 - (b) Contemporary Spanish literature

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- (c) Introduction to Spanish phonetics and Romance linguistics
- (d) Sociology IIK/IIIK: The biology of human populations

Class Requirements: Language laboratory — four hours a week for three

Prerequisite: A pass in Spanish I or equivalent qualification.

terms for each of the options. Lectures — one a week for three terms. Tutorials — two a week for three terms.

A student will be required to spend additional time in the laboratory working individually.

Prescribed Reading: A list will be available from November, 1971.

THIRD-YEAR SUBJECTS

All students of Spanish at third-year level take part in a course in practical Spanish. No student can be credited with any third-year unit (except Portuguese) without passing in practical Spanish.

Students at third-year level may take one, two or three units in Spanish. Choice among the courses is unrestricted whether the student is taking Spanish as a minor sequence or as a major sequence.

Prerequisite: For all third-year units, a pass in Spanish IIA or equivalent qualification.

Class Requirements

PRACTICAL SPANISH: Four hours a week for three terms. Lectures or seminars — one hour a week for three terms. Tutorials — one hour a week for three terms.

A student will be required to spend additional time in the laboratory working individually.

Prescribed Reading: Book-lists for all courses will be available from November 1971.

SPANISH IIIA: Latin American Literature

SPANISH IIIB: Contemporary Spanish Literature

Emphasis, considerations in course organization and text selection, as for second year. Differences: novels replace the short story, and the course includes a few nineteenth-century works. The student is expected to develop critical perspectives by reading works additional to those prescribed for study and — particularly if considering honours — to use Spanish or English critical studies as appropriate.

SPANISH IIIC: Romance Linguistics

SPANISH IIID: Golden Age Literature

Emphasis, considerations in course organization and text selection, and study requirements, as for IIIB. The course includes studies on: Cervantes; St John of the Cross; Don Juan; the *Celestina*; development

SPANISH

of the Picaresque; the individual's rights irrespective of class; women's rights versus male privilege in the context of marriage and social order; predestination; causes and consequences of Spanish world hegemony.

SPANISH IIIE: Portuguese I HONOURS

Well-qualified students may be admitted to the honours school in their third year. They follow the same courses as pass students but are given additional work.

A final-year honours student may select four subjects from the following list:

SPANISH IVA: A detailed study of the literature and cultural history of a specific hispanic nation or cultural area.

SPANISH IVB: A specific author, genre or literary movement, in depth.

SPANISH IVC: A special subject (particulars from the professor).

SPANISH IVD: Portuguese II.

SPANISH IVE: Linguistics.

SPANISH IVF: Medieval literature.

POSTGRADUATE STUDIES

Dialectology; Golden Age literature; contemporary Spanish literature; contemporary Latin-American literature.

PSYCHOLOGY

PART V: DEPARTMENT OF PSYCHOLOGY

The Department of Psychology, which is to be a foundation department of a School of Behavioural Sciences soon to be established, will offer courses leading to the degrees of Bachelor of Arts and Bachelor of Science. In 1972, only Psychology I is offered and may be taken either as a prerequisite for further sequences of courses which will be available after 1972, or as a terminal course. There will be a quota on the number of students permitted to enrol in Psychology I in 1972.

Students wishing to major in psychology should enrol in the School of Behavioural Sciences. Psychology I will also be available for students enrolled in the Schools of Biological Sciences, Humanities and Social Sciences, either as a terminal course, or as part of a sequence of two or three units in psychology.

The course is designed to introduce the student to a study of selected areas of human and non-human psychology based on empirical studies and theoretical principles underlying the various fields of the discipline.

Bachelor of Science Degree: The prerequisites for students enrolling for the B Sc degree in the School of Behavioural Sciences are passes in the Victorian higher school certificate examination, or an approved equivalent, in chemistry and any one subject from physics, biology or a branch of mathematics. A major sequence in psychology for the B Sc degree in the School will consist of three units. Biology IB will be a prerequisite for entry into the second-year psychology courses.

Bachelor of Arts Degree: There are no prerequisites for students enrolling for the BA degree in the School of Behavioural Sciences, but students wishing to major in that School will be required to take three units in psychology and a subject consisting of components of biology and statistics.

B Sc (Honours) and Higher Degrees: Students wishing to obtain the degree of B Sc (honours), M Sc or Ph D will be accepted by the Department of Psychology provided their previous academic record is of high standard. Prospective candidates should contact the chairman of the department for further information.

Details of the Psychology I course offered in 1972 are shown in the disciplines section of this handbook. Details of degree structures for the BA and B Sc degrees will be available from the Psychology Department.

PART VI: SCHOOL OF EDUCATION

The School of Education opened in February 1970, offering two courses:

1. a concurrent course, in which the degree and diploma are gained after four years of study, with Education II, III and IV taken in the last three years, and
2. a one-year course, leading to the Diploma in Education, for students who have completed a first degree.

These courses will be offered again in 1972.

Students in the School of Agriculture who opt for a concurrent course will study Education II, III and IV in the last three years of the five-year course.

In Schools where an honours degree is offered, it is possible for students to take this degree concurrently with a Diploma in Education over a five-year period. However, the departments of English, philosophy and politics have reservations about advising honours students in these departments to take concurrent courses. Students should discuss these matters with their advisers of studies.

Part-time students may enrol for Education II, III and IV; however no special time-tabling arrangements will be made. There is no intention of offering the one-year course in the late afternoon or evening in 1972.

CONCURRENT COURSES IN EDUCATION

Since 1970 at La Trobe University, a concurrent course has been offered, leading to the award of a Bachelor degree and a Diploma in Education. In Humanities and Social Sciences education is taken as one third of the student's time over the second, third and fourth years. In agriculture education is to be taken as one third of the student's time over the third, fourth and fifth years. The charts show possible ways of dividing the courses in the Schools of Humanities, Social Sciences and Agriculture.

The concurrent courses offered have several advantages, both educational and personal, over the one-year course taken after the completion of a degree. In time commitment there is no difference between the one-year course and the concurrent course. Taking the concurrent course does not prevent any student from following the normal academic courses he or she would wish to take within other Schools in the University.

The concurrent course will help the intending teacher in a number of ways:

1. The course, by relating theory and practice over three years, allows a longer time during which the educational ideas of students can mature.

EDUCATION

It has been found in the training of teachers that educational insights take a considerable time to develop. By enabling the student to enter gradually into the teaching situation the concurrent course removes much of the urgency and the pressures associated with trying to prepare teachers for the schools over a single year.

2. It provides a new dimension, and perhaps greater motivation, in understanding the academic subjects of a degree since the student will be teaching those subjects in the schools.
3. It makes it possible early in the university course for a student to determine whether he or she will make a professional teacher.

STRUCTURE OF CONCURRENT COURSES

Tutorials: Education II, III and IV are based upon tutorials and seminars with lectures held from time to time as the needs of the course or the students require. The tutorial structure is planned deliberately to provide greater participation by students in the course.

Assessment: The policy of the School of Education is to engage in continuous assessment of the student's progress during the academic year. In general, assessment is based on tutorial work, essays and practical teaching.

Teaching Practice: This is spread over three years and is organized so that there is no interference with other university commitments. Each student is required to spend an average of 15 days each year in the schools. The basic element is one day a fortnight and if students can organise one day a week free from other commitments it will be most advantageous. Other arrangements are possible depending on the circumstances.

EDUCATION II

1. Problems in Education: This consists of documented studies of children, teachers, teaching situations, school administration problems, etc., in which students are called upon to analyse and discuss their own experiences. They then investigate what the disciplines used in education have to teach us. In this way, an introduction to the foundation studies of educational psychology, educational sociology, philosophy of education and comparative education is given in dynamic relationship to educational problems.

2. Theory and Practice of Education: This is a more practical study of problems encountered in the educational field and leads on to the preparation for teaching of particular subjects. Educational institutions other than schools are investigated in this section of the course.

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3. **Practical School Experience:** This involves work, in the schools, related to the other two segments of the course. Emphasis in this year is the observation of the school at work rather than practical teaching.

The three components of this course are integrated throughout the year.

EDUCATION III

A prerequisite for entry to this course is a pass in Education II. In 1971 this course was divided into two sections. Half of the students were concerned with an 'area' course and half with a 'task' course. Students generally elected the type of course they wished to enter. The course details for 1972 will be available at a later date from the School of Education.

EDUCATION IV

A prerequisite for entry to this course is a pass in Education III. **Task:** Since one of the basic principles behind the development of this course is student and staff participation in the actual content and functioning of the course it is not possible to outline a structure for 1972. It will however include the essential component of practical teaching which in this year emphasizes experience within the classroom. **Area:** This course will be divided into three areas:

1. foundation studies — (a) philosophy of education, (b) comparative education;
2. teaching methods;
3. practical school experience.

Concurrent Education Courses and the School of Humanities

Professors in the School of Humanities have indicated that they wish to preserve continuity of study in each subject area wherever possible. The pattern agreed upon is set out below:

MAJOR SUBJECT		MINOR SUBJECT	THIRD SUBJECT	EDUCATION
First year	One	One	One	—
Second year	One	One	—	One
Third year	One (or Two)	None (or One)	—	One
Fourth year	One (or Two)	None (or One)	—	One

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The following would be typical courses. Clearly by choosing different major and minor disciplines, many other patterns may be developed.

First year	English	History	Philosophy
Second year	English	History	Education
Third year	English	History	Education
Fourth year	English	English	Education

First year	French	Spanish	History
Second year	French	Spanish	Education
Third year	French	French	Education
Fourth year	French	French	Education

First year	Philosophy	History	English
Second year	Philosophy	*History or English	Education
Third year	Philosophy	*English or History	Education
Fourth year	Philosophy	Philosophy	Education

*Students would need to consult with their advisers concerning a break in continuity in any 5:2:2 degree course.

Concurrent Courses and the School of Social Sciences

The following typical patterns are all acceptable in the School of Social Sciences. Other acceptable patterns may be established. In some

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cases a unit as shown below can represent two half-units in the same discipline.

(A will be a major disciplinary area. B and/or C will be minor areas.)

First year	AI	BI	CI
Second year	AII	BII or CII	Education II
Third year	AII	AIII	Education III
Fourth year	AIII	Many options as at present	Education IV

First year	AI	BI	C1
Second year	AII	BII or CII	Education II
Third year	AII	Many options as at present	Education III
Fourth year	AIII	AIII	Education IV

First year	AI	BI	CI
Second year	AII	AII	Education II
Third year	BII or CII	AIII	Education III
Fourth year	AIII	Many options as at present	Education IV

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In the special case of the BEc a possible pattern is set out below:

First year	AI	BI	Social Sciences 1A/B
Second year	AII	AII or BII	Education II
Third year	BII or AII	AIII	Education III
Fourth year	AIII	Int. Dep.	Education IV

Concurrent Courses and the School of Agriculture

The pattern agreed upon is set out below:

First year	Normal first-year subjects		
Second year	Normal second-year subjects		
Third year	Ag IIIA	IIIB	Education II
Fourth year	Ag IIIC	Parts of Ag IV A and B	Education III
Fifth year	Ag IVC	Remainder of Ag IV A and B	Education IV

ONE-YEAR COURSES IN EDUCATION FOR DIPLOMA IN EDUCATION: EDUCATION V

It is expected that in 1972 two one-year courses in Education will be provided for candidates for the Diploma in Education: a 'task' course and a 'structured' course. Students taking the one-year Diploma (Education V) must opt to take one of these courses. Since both presuppose a high level of staff-student participation in the shaping and functioning of the course, it is not possible to set out in full detail the ground they will cover or the methods they will use.

A. TASK COURSE

It is expected that a 'task' course will be offered to students in 1972. The outline below describes the 'task' course in 1971. This can only be

taken as an indication of the general 'task' concept and its application and is not a prescription for the 1972 course.

The task course differs from the traditional teacher preparation pattern. It is felt that a new approach is required because of a number of changes taking place in education and society:

1. The shift in secondary education from communicating knowledge to developing intellectual techniques or ways of approach to problems.
2. The greater variety of ability, experience, and interests in secondary school pupils.
3. Changing attitudes towards authority, the development of youth culture, etc., among school and university students.
4. An increasing emphasis on personal initiative, the need to actively engage oneself in work and social affairs, in modern society.
5. The change in many areas of modern work from the manipulation of things to the manipulation of persons, and hence a change in the forms of social control.

Through school experience, from analysis of their own past practice, from the reading of books, and through interaction with other students and with members of staff, certain problems become obvious to students. The work on these requires further interaction with others — other students, staff, people in the schools, and those who can only be contacted via the library. Such a structure requires school practice and the learning of how to operate within a school, a social organization of a non-hierarchical self-made type which allows a critical attitude towards the schools, and experience with social relationships regarded as important in modern education (although here of a non-manipulative kind).

In 1971 a structure for the first seven weeks was provided as the base for future planning by staff-student groups for the remainder of the course.

The three basic features of the early organization were:

(a) Task students had an 'orientation' week in common with the area students (visiting kindergartens and primary schools, hearing visiting lecturers, etc.) and were then sent straight into the schools for two days each week (many spent more time than this in their schools), with a detailed brief to search out and delineate problems. One member of the staff was attached to each school, and discussed problems and observations with the students as individuals as well as in regular seminars held in the schools, sometimes with school staff members participating.

(b) A reading program based chiefly upon what we considered to be 'provocative' literature about education (e.g., Goodman, Holt, Neill, the Black Papers, Illich, etc.) was established in conjunction with small discussion groups which met nominally for one hour each week.

(c) Arrangements were made for a program of visiting speakers on topics of broad interest.

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Practical Experience

For the first five weeks students were attached to their practice schools (seven of them) for two days each week during which they taught in formal situations, assisted small groups, investigated school organization, and observed other teachers and students in classroom situations.

They were also encouraged to venture beyond the school — to explore the neighbourhood and the total contextual situation of the school. Visits (sometimes of a day or more) were made to the primary schools which fed the practice school.

Each of the student groups prepared thoroughgoing collective (and some individual) reports on the schools they worked in, and these were available to all other task students. This was largely upon their own initiative, as was the formation of many informal discussion groups related to school experience.

Academic Studies

At a conference (attended by a senior member of staff as an independent observer), students were requested to nominate 'problems' or 'topics' they would wish to review more rigorously. About fifty 'headings' were noted, which appeared to be fairly evenly balanced between concerns about methods and techniques and foundations type approaches. In many cases the latter grew out of the former, and it was requested that the treatment should be in one forum, rather than be divided into 'theory' and 'practice'.

These topics formed the basis of 'electives', most of which were fairly brief, intensive and often repeated. 'Methods' type courses were run as workshops, the others in a normal seminar atmosphere. Courses included: child development; family, class and education; education in Sweden; Communist education; research and change in education; curriculum study group; history method workshop; drama workshop; science method workshop; English workshop; primary education (seminars and visits); pre-school education (seminars and visits); independent schools (discussions and visits); assessment and evaluation; sociology of knowledge; education in underdeveloped countries; the disciplines in education; teacher professionalism; individual differences; the legal status of teachers and children; school organization; values and the school. Most took several 'units' at any one time.

About thirty students were involved in voluntary and continuing school practice in one way or another.

B. AREA (STRUCTURED) COURSE

In 1971 the 'area' course had four main components.

1. Practical experience in the schools.
2. A general introduction to problems and issues in education.

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3. A general and then specific introduction to the theory and practice of school and classroom procedures taken throughout the year.
4. A number of electives from which each student chose two. These were taken in seminars in terms 2 and 3. The electives offered in 1971 were: introduction to educational psychology; educational psychology; culture, abilities and the school; home-school relations; education and politics in the Australian context; social relations in the secondary school; history and development of film and TV; technology, social change and the implications for education; the myth of equality and its implication for teachers; film in education; authority, freedom and education; is worrying about what education should be, of any practical value to incumbent teachers?; introduction to philosophy of education; remedial teaching.

There were also other electives associated with language, educational problems and teaching methods.

The 1971 area course cannot be taken as a prescription for the 1972 course.

CENTRES FOR STUDY

The organization of B Ed, the higher degrees work and research in the School of Education is based on five centres. The emphasis in the activities of each centre is on empirical and pragmatic studies and programs likely to influence Australian educational practice. Team research is encouraged wherever possible, and it is hoped that within any one centre the research of staff and students will be co-ordinated around significant themes.

Potential applicants for higher degrees are advised that whatever the quality of their qualifications and experience and the merit of their research topic, they are unlikely to be recommended for candidature if their research topic is remote from the interests of the Centres for Study which are detailed below.

CENTRE FOR COMPARATIVE AND INTERNATIONAL STUDIES IN EDUCATION

Comparative education is an emerging discipline of significance both for the cultivation of insights and understanding of other cultures and for the development of educational policies and practices based upon soundly drawn conclusions after observation and analysis of overseas educational trends.

A large number of Asian and Pacific countries — some of them of Communist ideologies — have educational systems relatively unknown to Australian educators. Thus a basic objective of the centre is to develop a series of comparative and international studies to add to the volume of data available to educationists, to improve Australia's knowledge and understanding of her nearest neighbours, and to foster inter-

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nationalism within this orbit. A particular responsibility is felt for assistance to the development of soundly based educational provision in the Territory of Papua and New Guinea.

In the studies undertaken, due attention should be given to the further development and application of the newer methodologies in comparative education and to the use of the techniques and tools of analysis evolving in the social sciences.

The centre is staffed by six full time teachers and researchers, and includes expertise across a wide range of disciplines (natural sciences, social sciences, behavioural sciences), languages (English, French, German, Russian, Chinese, Japanese, Korean), research skills, and areas of interest.

Along with other centres, this centre provides units for study at B Ed level which are centre orientated, and all members of staff also teach in Dip Ed courses.

Postgraduate students undertaking higher degrees are also attached to the centre and contribute to particular projects, to which research assistants may also be appointed.

The centre, as such, is not methodologically committed. Our chief concern is to carry out studies employing the best available or specially devised methodologies in terms of the problems to be investigated and the resources available. Thus the specific approach adopted for any study will be the outgrowth of the technical problems encountered in that project. Along with the other centres we are committed to rigorous empirical study whenever the necessary resources are available or can be constructed.

Our policy is to work on centre projects in teams of varying sizes rather than as individuals, and to call in expert assistance from other centres when necessary. Some projects may be conducted jointly between centres — e.g., a comparative approach to particular urban problems may involve both this centre and the Centre for the Study of Urban Education — in order to maximize the expertise which can be brought to bear. It is clear that the organizational device employed makes it possible to mobilize most efficiently those academic resources which may be required for a particular task.

This is not an area centre, and is not limited to concentration upon particular countries — either those which have provided the traditional focus for comparative educationists in Australia, mainly Europe and the USA, or those countries with educational systems relatively unknown to Australian educators. We are acutely conscious however, of the paucity of information available to comparative educationists and others, so that one of our basic objectives is to add to the volume of data which will improve our knowledge and understanding of Australia's nearest neighbours, as well as providing research material which will help them along their chosen educational paths, in addition to those educational systems

which it is obviously profitable, from the point of view of our own educational development, to examine closely.

It is envisaged that the staffing of the centre shall continue to be on a multi-disciplinary basis, including additional expertise in sociology, philosophy, politics, history, economics and econometrics, anthropology, psychology and other specialisms.

CENTRE FOR THE STUDY OF EDUCATIONAL COMMUNICATION AND MEDIA

Communication research has become in recent years one of the fruitful areas in the study of human behaviour. The communication of knowledge from one person to another is the basis of teaching. Mass media are major sources of information and attitude change outside schools and various forms of educational technology are being used increasingly in the schools themselves.

The Centre for the Study of Educational Communication and Media believes that the difference between the potential value of audio-visual educational media and their practical value is much greater than it need be. For this reason, the centre is deeply committed to an integrative approach combining three functions: (1) developing innovative concepts of audio visual education; (2) producing media 'software' of high quality, and (3) engaging in and monitoring media research, including such areas as the effects of mass communication, evaluative studies of media software, and analyses of alternative production methods. The centre is thus unique in its combined interest in teacher education, media production, and academic research.

Several innovative media courses are either underway or planned. One of these courses is an experimental high-school film course staffed by high school teachers, a centre staff member, and student-teachers studying film. Another is a film-related projects course, in which student-teachers conduct studies or practical projects relating film education to educational sociology and psychology. A third is a course in 'sociological film', in which sociology students will investigate film as a research tool and as a communication medium for sociology. In addition, planned courses include one in which students, under the guidance of an experienced film-maker, will participate in the planning and production of educational films, and a course in which professional teachers will participate in the development of evaluative methods and criteria for media software.

In the area of production, the centre expects to have a complete sixteen-millimetre shooting and editing capability by early 1972, when continuous production of educational films will commence. With the present (July, 1971) limited production facilities, four sixteen-millimetre projects have been initiated. Three of these films are at least partially supported by small grants from outside agencies. In addition to centre production, staff members engage in 'free-lance' professional work. In

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1970 a survey was undertaken through this centre, of audio-visual centres, their policies and facilities in universities in USA, Canada, United Kingdom and Australia. This report is available from the centre.

Research projects of the Media Centre include a study of the relationship between self-esteem and mass-media preference among adolescents, and a case study of an experimental high-school film course.

In 1972 television studio facilities will be available and research and production in this area will be developed also.

CENTRE FOR THE STUDY OF INNOVATION IN EDUCATION

The main research instituted by the centre in 1971 involved a study of styles of innovation as it related to the success of innovation. The new Victorian primary school science curriculum provides the vehicle for this study. For the present, the centre intends to develop two main lines of activity. The first will involve the sponsorship, development, trial and analysis of substantive innovations by or through the centre. Such innovations will not be narrowly restricted in scope but could include new methodologies of teaching or of assessing, new curriculum materials or patterns, new forms of school organization or administration and the like.

The second line will be involved with the process of innovation itself. This might involve studies of successful and unsuccessful innovations of the past or present, the success of innovations as this depends on the mode of introducing them or on the sources from which they arise, and such matters.

These two lines it is recognised are not necessarily independent and are probably, most frequently, best viewed as interdependent.

Higher-degree students will be encouraged to become involved in the activities of the centre as full members and in relation to both lines of these activities even if their own study is more particularly restricted to one line or the other.

CENTRE FOR THE STUDY OF TEACHING

There are at present two main fields of interest in the teaching-research activities of this centre. These are the nature of the teaching-learning process and the manner in which groups of factors contribute to it; and the study of creative behaviour with particular emphasis on the effects of teaching styles and institutional qualities on creativity in students.

Present research projects in the centre include a group of studies on present characteristics of teacher role-perceptions, a study of creativity in music teaching, the impact of micro-teaching and human relations training in teacher education, a study in the attitudes of trainee teachers, and several studies of group processes.

The centre also provides for regular research presentation seminars for those working on projects, and is sponsoring a series of conferences as a means of translating research findings into its applications for the practitioner.

Teaching activities in the centre at the graduate level reflect these interests. A sequence of three courses in communication is available to graduate students, and a further sequence in creativity is planned. A visit by an international scholar in creative teaching is planned to coincide with a conference on this subject in 1972.

CENTRE FOR THE STUDY OF URBAN EDUCATION

The centre is principally concerned with the problems and opportunities created for the educational system by current changes in the nature of city life and by the presence within cities of disadvantaged groups of various kinds.

Numerous studies have shown that educational disadvantage and deprivation decrease steadily with the socio-economic level of the home, but the causal mechanism which explains these sets of relationships are only beginning to be understood. These problems will be studied in the centre with a particular, though not exclusive, emphasis on urban processes.

A prime concern of the centre is the study of the education of children from low income families. For example, a major interest of the centre is the difficulties of inner city schools with large proportions of children who fail to realise their intellectual potential, some of whom manifest a wide variety of behaviour problems.

The educational problems of migrant children and the challenging opportunity for the education system offered by the cultural diversity of migrant groups are a further major and growing part of the centre's work. One of the tasks of the centre will be to devise ways of helping school and community prepare children and young people to live fully and creatively within a city environment with all that it offers, both within inner areas and growing suburbia.

Within the general interests described above the following specific programs of research and innovative activity are either currently under way or are at the planning stage: the identification of educational priority areas in which a number of problems of urban dwelling are compounded together so as to affect educational opportunity; the mounting and implementation of an educational task force which can develop curricula and teaching techniques based on the specific strengths and weaknesses of city schools; an investigation of the bearing of intro-family relationships upon attainment in school and the influence upon these matters of the social involvement of the parents outside the home; the systematic investigation of linguistic and cognitive differences which have implications for teaching and learning strategies; the study of the specific problems of children from various immigrant groups — language difficulties, the role of the extended family, the effects of social isolation, the

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use of the school as a means of social integration; the design of neighbourhood schools as community centres deploying a variety of the community's resources; a study of existing home-school relationships and of ways of improving them; the use of nursery school programs specially designed for culturally deprived children; the influence of religious organizations upon opportunities in disadvantaged areas; locality influences on adolescents' aspirations; classroom relationships of teachers on children from low income families.

The courses to be offered by the Centre at the BEd level are: social class and educational opportunity; compensatory education; home-school relations; cultural diversity and the migrant contribution; social planning and education provision; curricula for living in cities.

Higher-degree students may become attached to any one of these projects or may develop their own lines of enquiry within the general interests of the Centre.

BACHELOR OF EDUCATION COURSES

These are only available to part-time students and lectures are held in the late afternoon and evenings.

The prerequisite for admission is a degree and a Diploma in Education or equivalent qualifications. The course is completed in a minimum of two years and a maximum of five years.

Details of the components of the BEd course will be available at a later date from the School of Education.

APPENDIX A: ACADEMIC PROGRESS RULES

The results of a student who completes a pass or honours subject will be in four categories: A, B, C and D. A: 80 to 100 per cent, B: 70 to 79 per cent, C: 60 to 69 per cent and D: 50 to 59 per cent. Less than 50 per cent constitutes a failure.

Each year the progress committees of the Schools review the academic progress of students. A student whose progress has been considered unsatisfactory may be informed that should he again seek enrolment in a course or in a subject he will be required to show cause why such enrolment should be allowed. Alternatively he may be permitted to re-enrol but warned that subsequent failure to make satisfactory progress will mean automatic exclusion from that course or from that subject.

A student will not be allowed to continue his enrolment in any subject in which he is not making satisfactory progress. The final assessment of a student's progress may take into account his performance in tutorials, practical work, assignments and any other prescribed work.

A student who fails to meet the requirements established by the School as shown below may be considered not to have made satisfactory academic progress. In attempting to meet these requirements, a student will not normally be permitted to enrol for any subject more than twice.

ACADEMIC PROGRESS

1. SCHOOL OF HUMANITIES

All students enrolled in 1970 or before in the School of Humanities are subject to the following regulations:

- (a) a full-time student will normally be expected to obtain a work value of at least three units within two calendar months, or at least seven units within four calendar years, and to complete the requirements for his degree within six calendar years of his first effective enrolment;
- (b) A part-time student will normally be expected to obtain a work value of at least three units within three calendar years, of at least six units within six calendar years and to complete the requirements for his degree within nine calendar years of his first effective enrolment;
- (c) a full-time student must pass at least one unit in each year of his enrolment.

Students admitted from 1971 onward must progress at the rate set out in the following table; though these figures apply to students enrolled in the School of Humanities, students concurrently enrolled in the School of Education should expect their progress to be assessed at a similar rate.

Year of Enrolment	Cumulative Number of Units to be completed	
	Full-time	Part-time
first	1	0
second	3	2
third	5	3
fourth	7	4
fifth	8	5
sixth	9	6
seventh		7
eighth		8
ninth		9

Notes

- 1. Only units undertaken at La Trobe University or as approved complementary courses count in the assessment of academic progress.
- 2. (a) A student who changes his enrolment from full time to part time as a part-time student must complete at least one unit a year successfully.
(b) A student who changes his enrolment from part time to full time must thereafter complete his degree within the time prescribed for a full-time student; the following table provides an example by showing the progress required for a student changing from part-time to full-time at the completion of his second year:

	Units
Minimum passes required in two years part-time	2
First year full-time (3rd year of enrolment)	1
Second year full-time (4th year of enrolment)	2
Third year full-time (5th year of enrolment)	2
Fourth year full-time (6th year of enrolment)	9

ACADEMIC PROGRESS

2. SCHOOL OF SOCIAL SCIENCES

If a student fails any subject of his course the Board of Studies will define the number of units for which that student may enrol in subsequent years. In any case:

(a) a full-time student will normally be expected to obtain a work value of at least four units within two calendar years or at least seven units within four calendar years, and to complete the requirements for his degree within six calendar years of his first effective enrolment;

(b) a part-time student will normally be expected to obtain a work value of at least four units within three calendar years or at least seven units within six calendar years and to complete the requirements of his degree within nine calendar years of his effective enrolment;

(c) a student may not, except with the permission of the Board of Studies,

1. enrol in a second-year subject unless he has passed at least one and a half units of the first-year course and is currently enrolling for first-year units, completion of which would entitle him to a pass in the first year of the course;

2. in his second year, enrol in pass subjects having a work value of more than three units;

3. enrol in a third-year subject unless he has passed at least one and a half units of the second-year course and is currently enrolling for second-year units, completion of which would entitle him to a pass in the second year of the course;

4. in his third year, enrol in pass subjects having a work value of more than three units.

**Number of first-year units
still to be passed**

Half

One

One and a half

Two, two and a half, three

**Maximum number of second-year
units to be taken concurrently**

Two and a half*

Two*

One*

None

* A student who has obtained a 'C' grade pass or better in a full unit may be permitted to enrol in an additional half unit.

**Number of second-year units
still to be passed**

Half

One

One and a half

Two, two and a half, three

**Maximum number of third-year
units to be taken concurrently**

Three

Two and a half*

One and a half

None

* A student who has obtained a 'C' grade pass or better in a full unit may be permitted to enrol in an additional half unit.

APPENDIX B: TABLE OF SUBJECTS

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
Economics I	330.10	1	Nil
Economics IIA (Microeconomics)	330.20	1	Economics I
Economics IIB (Economic statistics)	330.21	0.5	Economics I, and either Social Sciences IB or a mathematics subject (incompatible subject Mathematical Statistics II)
Economics IIC (Economic history) ¹	330.22	0.5	Economics I
Economics IID (Accounting)	330.23	0.5	Economics I (Economics IIA and Economics IIB, Economics IIG or Economics IIH) ²
Economics IIE (Industrial relations) ³	330.24	0.5	Economics I
Economics IIF (Growth and fluctuations in the Australian economy)	330.25	0.5	Economics I
Economics IIG (Mathematical economics)	330.26	0.5	Economics I, and either a mathematics subject or a good pass in Social Sciences IB (incompatible subject Economics IIH)
Economics IIH (Introductory mathematics for economists)	330.27	0.5	Economics I (incompatible subjects Economics IIG and any mathematics subject)
Economics IIIA (Monetary economics and economic policy)	330.30	1	Economics IIA
Economics IIIB (Business decision-making)	330.31	0.5	Economics IIA and Economics IID
Economics IIIC (Economic development)	330.32	0.5	Economics IIA and either Economics IIB or Economics IIC or Economics IIF
Economics IIID (Economic theory)	330.33	0.5	Economics IIA
Economics IIIE (Labour economics)	330.34	0.5	Economics IIA and Economics IIE
Economics IIIF (Comparative economic systems)	330.35	0.5	Economics IIA

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
Economics IIIG (Econometrics)	330.36	0.5	Economics IIB or Mathematical Statistics II
Economics IIH (Growth and fluctuations in the Australian economy)	330.37	0.5	Economics I
Economics IVA (Trade and growth)	330.40	1	
Economics IVB (Public policy)	330.41	1	
Economics IVC (Economic development)	330.42	0.5	Economics IIIC
Economics IVD (Econometrics)	330.43	0.5	Economics IIIG
Economics IVE (Qualitative economic planning)	330.44	0.5	Social Sciences IIID or Economics IIIG ¹⁶
Economics IVG (History of economic thought)	330.46	0.5	
Economics IVH (Theories of the firm)	330.47	0.5	(Incompatible subject Social Sciences IIIC)
Economics IVJ (Mineral economics)	330.48	0.5	
Economics IVK (Economic history)	330.49	0.5	
Economics IVL (Advanced mathematical economics)	331.40	0.5	Social Sciences IIID would be of great advantage
Economics IVM (Mathematical economics)	331.41	0.5	Economics IIIG or Economics IIB ¹⁶ or any mathematics subject
Education II	370.20	1	Nil
Education III	370.30	1	Education II
Education IV	370.40	1	Education III
English I	820.10	1	Nil
English IIA (Elizabethan and Jacobean drama)	820.20	1	English I
English IIB (Nineteenth and twentieth century poetry)	820.21	1	English I
English IIC (Fiction 1850-1950)	820.22	1	English I
English IIIA (Shakespeare's problem plays and tragedies)	820.30	1	A second-year English subject

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
English IIIB (English literature of the nineteenth century)	820.31	1	A second-year English subject
English IIIC (English literature of the sixteenth and seventeenth centuries, excluding drama)	820.32	1	A second-year English subject
English IIIE (English literature of the eighteenth century)	820.33	1	A second-year English subject
English IIIF (Australian literature)	820.34	1	A second-year English subject
English IIIG (American literature)	820.35	1	A second-year English subject
English IIH (Medieval literature)	820.36	1	A second-year English subject
English IVA (Shakespeare's comedies and romances, etc.)	820.40	1	} Satisfactory completion of third-year subjects including a course in dating and practical criticism by students admitted to honours school.
English IVB (English literature of the nineteenth century)	820.41	1	
English IVC (English literature of the sixteenth and seventeenth centuries, excluding drama)	820.42	1	
English IVD (Modern English literature)	820.43	1	
French I	840.10	1	
French IIA	840.20	1	French in HSC examination or equivalent French 1
French IIB	840.21	1	French I and French IIA ² or a current enrolment in French IIA
French IIIA	840.30	1	French IIA
French IIIB	840.31	1	French IIA (French IIIA) ²
French IIIC ¹¹ (Spanish IIIC)	860.32	1	French IIB or Spanish IIB
French IIID	840.33	1	French IIA and French IIIA or current enrolment in French IIIA

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
History IA (World since 1914)	940.10	1	Nil
History IB (French Revolution)	940.11	1	Nil
History IC (Iberian empires)	940.12	1	Nil
History ID (Reformation)	940.13	1	Nil
History IE (Social history)	940.14	1	Australian history at HSC level
History-Sociology I (Mexico)	941.10	1	Nil (Incompatible with any first-year history subject and Sociology IA and IB)
History IIA (Renaissance to the Enlightenment)	940.20	1	Any first-year history subject
History IIB (Europe, 1815-1939)	940.21	1	Any first-year history subject
History IIC (Traditional India)	940.22	0.5	Any first-year history subject
History IID (Modern India)	940.23	0.5	Any first-year history subject
History IIE (Traditional China and Japan)	940.24	1	Any first-year history subject
History IIF (Colonial North America)	940.25	0.5	Any first-year history subject
History IIG (USA 1789-1877)	940.26	0.5	Any first-year history subject
History IIH (British History, 1815-1914)	940.27	1	Any first-year history subject
History-Sociology II (Brazil)	941.20	1	Nil (Incompatible with any first-year history subject and Sociology IA and IB)
History IIIB (Europe, 1815-1939)	940.31	1	Any second-year history subject
History IIIC (Modern East Asia)	940.32	1	Any second-year history subject
History IIID (USA 1877-1920)	940.33	0.5	Any second-year history subject
History IIIE (Twentieth century USA)	940.34	0.5	Any second-year history subject
History IIIF (Renaissance)	940.35	0.5	Any second-year history subject
History IIIG (Colonial Australia, 1860-1901)	940.36	0.5	Any second-year history subject
History IIH (Literature and society: North America 1607-1820)	940.37	1	Any second-year history subject
History IIK (African history)	940.39	1	Any second-year history subject
History IIIM (Australia and the wars)	941.31	0.5	Any second-year history subject

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
History IIIN (Individual readings)	941.32	0.5	Third-year history majors
History IIIO (Australian labour history)	941.33	0.5	Any second-year history subject
History IIIP (Pacific history)	941.34	1	Any second-year history subject
Legal Studies I	340.10	1	Nil
Linguistics			
Linguistics (English)	821.20	0.5	Nil
Linguistics II	821.21	0.5	Nil
Linguistics III	821.31	1	Linguistics II or English I desirable
Linguistics IV	821.41	—	
Mathematics IA	512.10	1	Nil (incompatible with Mathematics IC)
Mathematics IB	512.11	1	Nil¹² (incompatible with Mathematics IC)
Mathematics IBI (4, 13)	512.11	0.5	Nil¹² (incompatible with Mathematics IC)
Mathematics IC	512.12	1	Nil (incompatible with Mathematics IA, Mathematics IB and Mathematics IBI)
Pure Mathematics II	510.20	1	Mathematics IA and either Mathematics IB or Mathematics IBI
Applied Mathematics II	515.20	1	Mathematics IA and either Mathematics IB or Mathematics IBI
Mathematical Statistics II	519.20	1	Mathematics IA
General Mathematics II	512.20	1	Mathematics IA
Pure Mathematics III	510.30	1 — 1.5¹⁴	Pure Mathematics II
Applied Mathematics III (cannot be taken by Social Sciences Students)	515.30	1 — 1.5¹⁴	Applied Mathematics II
Mathematical Statistics III	519.30	1 — 1.5¹⁴	Mathematical Statistics II¹⁵
General Mathematics III	512.30	1 — 1.5¹⁴	A second-year mathematics subject

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
Philosophy I	100.10	1	Nil
Philosophy IIA (Formal logic)	100.20	0.5	Philosophy I or any subjects from the Schools of Physical or Biological Sciences with a total value of at least two units
Philosophy IIB (Introduction to philosophy of science)	100.21	0.5	Philosophy I or any subjects from the Schools of Physical or Biological Sciences with a total value of at least two units
Philosophy IIC (Empiricism)	100.22	0.5	Philosophy I
Philosophy IID (Ethics)	100.23	0.5	Philosophy I
Philosophy IIG (Philosophy of language)	100.26	0.5	Philosophy I
Philosophy IIL (Contemporary political philosophy)	101.20	0.5	Philosophy I
Philosophy IIM (Philosophy of Marxism)	101.21	0.5	Philosophy I
Philosophy IIP (Political philosophy)	101.24	0.5	Philosophy I
Philosophy IIQ (Philosophy of education)	101.25	0.5	Philosophy I
Philosophy IIIA (Epistemology and metaphysics)	100.30	1	Any second-year philosophy unit
Philosophy IIIB (Formal logic A)	100.31	0.5	Philosophy IIA
Philosophy IIIC (Philosophical logic A)	100.32	0.5	Any second-year philosophy unit
Philosophy IIID (Philosophical logic B)	100.33	0.5	Philosophy IIA
Philosophy IIIE (Advanced ethics)	100.34	0.5	Philosophy I plus one second-year unit in Philosophy
Philosophy IIIF (Aesthetics)	100.35	0.5	Philosophy I plus one second-year unit in Philosophy
Philosophy IIIG (Philosophy of language)	100.36	0.5	Philosophy I
Philosophy IIIH (Philosophy of history)	100.37	0.5	One history and one philosophy unit, at least one of which is at second-year level
Philosophy IIIJ (Philosophy of science A)	100.38	0.5	Philosophy IIA or IIB

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
Philosophy IIK (Philosophy of science B)	100.39	0.5	Philosophy IIA or IIB
Philosophy IIIL (Contemporary political philosophy)	101.30	0.5	Philosophy I
Philosophy IIIM (Marxism)	101.31	0.5	Philosophy I
Philosophy IIIN (Formal logic B)	101.32	0.5	Philosophy IIA
Philosophy IIIP (Political philosophy)	101.34	0.5	Philosophy I
Philosophy IIQ (Philosophy of education)	101.35	0.5	Philosophy I
Philosophy IIIZ (Free philosophical studies)	102.34	0.5	Normally, only students in the third year of a philosophy major will be considered.
Physical Sciences IT (cannot be taken by Social Sciences students)	500.10	1	Matriculation standard in mathematics and physics
Politics I ⁵	320.10	1	Nil
Politics IIA (Comparative democratic politics)	320.20	1	Politics I ⁶
Politics IIB (Comparative analysis of communist systems)	320.21	1	Politics I ⁶
Politics IIC (Comparative study of Western European countries)	320.22	1	Politics I ⁶
Politics IID (Modern Japanese politics)	320.23	1	Politics I ⁶
Politics IIIA (Psychology of politics and political sociology)	320.30	1	Any second-year politics subject
Politics IIIB (Asian and African political studies)	320.31	1	Any second-year politics subject
Politics IIIC (International relations)	320.32	1	Any second-year politics subject
Politics IIID (Modern Japanese politics)	320.33	1	Any second-year politics subject
Psychology I	150.10	1	Nil

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
Social Sciences IA ⁷ (Development of institutions and ideologies)	300.10	0.5	Nil
Social Sciences IB (Quantitative reasoning)	300.11	0.5	Nil
Social Sciences IIIA (Development of Papua and New Guinea) ^{5, 9}	300.30	1	Completion of the second year of the degree (except with the special approval of the lecturers concerned)
Social Sciences IIIB (History of economic and political thought) ^{9, 5}	300.31	1	Economics I
Social Sciences IIIC (Sociological and economic theories of the firm) ⁹		1	Economics IIA (except with the special approval of the lecturer concerned)
Social Sciences IIID ¹⁰ (Mathematical economics) ⁹	300.33	1	Economics IIG or Economics IIB ¹⁶ or any mathematics subject
Social Sciences IIIE (Marxism) ⁹	300.34	1	Nil
Sociology IA	360.10	1	Nil
Sociology IB	360.11	1	Nil
Sociology IIA (Social structure)	360.20	1	Sociology I or History-Sociology I
Sociology IIB (Deviant behaviour)	360.21	0.5	Any first-year subject in the School of Social Sciences ⁸ (Sociology IIA) ²
Sociology IIC (Organization theory)	360.22	0.5	Any first-year subject in the School of Social Sciences ⁸ (Sociology IIA) ²
Sociology IIE (Mass communication and society)	360.24	0.5	Any first-year subject in the School of Social Sciences ⁸ (Sociology IIA) ²
Sociology IIH (Authority and leadership)	360.27	0.5	Any first-year subject in the School of Social Sciences ⁸ (Sociology IIA) ²
Sociology IIK (Biology of human populations)	360.29	0.5	Any first-year subject in the School of Social Sciences ⁸ (Sociology IIA) ²
Sociology IIN (Sociology of education)	361.22	0.5	Any first-year subject in the School of Social Sciences ⁸ (Sociology IIA) ²

SUBJECT	CODE No.	UNIT VALUE	PREREQUISITE SUBJECTS
Sociology IIR (Industrial sociology)	361.26	0.5	Sociology I or History-Sociology I
Sociology IIS (Sociology of language)	361.27	0.5	Any first-year subject in the School of Social Sciences ⁸ (Sociology IIA) ²
Sociology IIIA (Sociological enquiry)	360.30	1	Sociology IIA
Sociology IIIB (Critical theory)	360.31	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIC (Organization theory)	360.32	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIE (Immigrant groups)	360.34	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIK (Biology of human populations)	360.39	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIL (Medical and psychiatric sociology)	361.30	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIP (Free reading)	361.34	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIS (Sociology of language)	361.37	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIT (Sociology and existentialism)	361.38	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIIW (Sociology of law)	362.31	0.5	Sociology IIA (Sociology IIIA) ²
Sociology IIY (Social inequality)	362.33	0.5	Sociology IIA (Sociology IIIA) ²
Spanish I	860.10	1	Nil
Spanish IIA	860.20	1	Spanish I or equivalent qualification
Spanish IIB	860.21	1	Spanish I or equivalent qualification (Spanish IIA) ²
Spanish IIIA	860.30	1	Spanish IIA or equivalent qualification
Spanish IIIB	860.31	1	Spanish IIA or equivalent qualification
Spanish IIIC ¹¹ (French IIIC)	860.32	1	Spanish IIA or equivalent qualification
Spanish IIID	860.33	1	Spanish IIA or equivalent qualification
Spanish IIIE (Portuguese)	860.34	1	Spanish IIA or equivalent qualification

1. This subject may be counted as a half unit in a history major. Subject to the approval of both departments, a student taking a history major may also combine one or two history half units with related sociology half units. If History/Sociology I has been taken in the first year, only one additional sociology half unit may be taken in this way later.
2. Concurrent enrolment or previously completed.
3. This subject may be counted as a half unit in a sociology major.
4. This subject is available only to students who are also enrolled in Mathematics IA and must be combined with Social Sciences IA in place of Social Sciences IB.
5. This subject may be counted as a unit in a history major.
6. A pass in Politics IB-Sociology IB, History IC-Sociology IC or History IB in 1967 will also be accepted as a satisfactory prerequisite.
7. This half unit must be taken with either Social Sciences IB or Mathematics IBI.
8. For any student not enrolled in a first-year unit before 1971 the prerequisite will be Sociology I or History-Sociology I.
9. One third-year Social Sciences subject is compulsory for the BEc degree and optional for the BA degree in the School of Social Sciences.
10. It would be inadvisable for any student who has not passed a mathematics subject at university level to attempt this subject without at least a B in Economic Statistics II.
11. French IIIC and Spanish IIIC are a single course in Romance linguistics available for both French and Spanish students.
12. Mathematics IA must be taken concurrently.
13. Applies in School of Social Sciences only. This subject must be combined with Social Sciences IA in place of Social Sciences IB.
14. The unit value may be 1 or 1.5 depending on the components chosen.
15. In addition, Pure Mathematics II is strongly recommended.
16. Students are advised that it would be preferable to take both of the preceding subjects.

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