# GENERAL SECTION

## CONSULT THE CALENDAR FOR:

- Academic Dress
- Annual Report
- Financial Statements
- University of Newcastle Act, 1964 — 1970

## By-laws

- The Council
- The Senate
- Officers and Former Officers of the University

## Prizes and Scholarships

## University Medallists

## Lists of Graduates and Diplomates

## CONTENTS

<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Principal Dates</td>
</tr>
<tr>
<td>9</td>
<td>Staff</td>
</tr>
<tr>
<td>22</td>
<td>Academic</td>
</tr>
<tr>
<td>26</td>
<td>Administrative</td>
</tr>
<tr>
<td>27</td>
<td>Library</td>
</tr>
<tr>
<td>29</td>
<td>The University of Newcastle</td>
</tr>
<tr>
<td>30</td>
<td>Matriculation</td>
</tr>
<tr>
<td>30</td>
<td>Matriculation</td>
</tr>
<tr>
<td>30</td>
<td>Courses and Degrees</td>
</tr>
<tr>
<td>30</td>
<td>Admission to Courses</td>
</tr>
<tr>
<td>32</td>
<td>Procedures</td>
</tr>
<tr>
<td>32</td>
<td>Undergraduate</td>
</tr>
<tr>
<td>33</td>
<td>Admission</td>
</tr>
<tr>
<td>33</td>
<td>Re-enrolment</td>
</tr>
<tr>
<td>34</td>
<td>Readmission</td>
</tr>
<tr>
<td>34</td>
<td>Designation of Students</td>
</tr>
<tr>
<td>35</td>
<td>Postgraduate</td>
</tr>
<tr>
<td>35</td>
<td>Diplomas</td>
</tr>
<tr>
<td>35</td>
<td>Degrees</td>
</tr>
<tr>
<td>35</td>
<td>Master</td>
</tr>
<tr>
<td>35</td>
<td>Doctor of Philosophy</td>
</tr>
<tr>
<td>36</td>
<td>Non-acceptance</td>
</tr>
<tr>
<td>36</td>
<td>Late Enrolments</td>
</tr>
<tr>
<td>36</td>
<td>'Show Cause' Students</td>
</tr>
<tr>
<td>36</td>
<td>University Skills Assessment</td>
</tr>
<tr>
<td>37</td>
<td>Enrolment in Correct Subject</td>
</tr>
<tr>
<td>37</td>
<td>Withdrawals</td>
</tr>
<tr>
<td>38</td>
<td>Amendments</td>
</tr>
<tr>
<td>39</td>
<td>Change of Address</td>
</tr>
<tr>
<td>39</td>
<td>Identity Cards</td>
</tr>
<tr>
<td>40</td>
<td>Travel Concessions</td>
</tr>
<tr>
<td>40</td>
<td>Lost Property</td>
</tr>
<tr>
<td>41</td>
<td>Charges</td>
</tr>
</tbody>
</table>
PRINCIPAL DATES
1974

JANUARY

1 Tuesday
Public Holiday — New Year’s Day

4 Friday
Last day for lodgement of Re-Enrolment Forms — Continuing Students

14 Monday
Deferred Examinations begin

18 Friday
Last day for lodgement of Applications for Admission from persons resident in Australia who were enrolled in another Australian University in 1973 or who are seeking admission on the basis of examination results which were not available by 1st November, 1973 or who applied to attempt The University of Sydney Matriculation Examination in February 1974.

25 Friday
Deferred Examinations end

28 Monday
Public Holiday — Australia Day

FEBRUARY

8 Friday
Last day for lodgement of applications for residence in Edwards Hall.

12 Friday and 13 Saturday to 16 Tuesday
New students required to attend the University in person to have their enrolment approved. Charges applicable may be paid immediately after the enrolment form is approved.

17 Monday
Last day for lodgement of enrolment approvals with the Cashier together with appropriate charges, scholarship vouchers, or warrants.

MARCH

4 Monday
FIRST TERM begins

15 Friday
Graduation Day

PRINCIPAL DATES

APRIL

22 Monday
Last day for withdrawal without academic penalty from Type A subjects in the Faculty of Engineering.

12 Friday
13 Saturday to 16 Tuesday
Easter Recess

25 Thursday
Public Holiday — Anzac Day

MAY

18 Saturday
FIRST TERM ends

JUNE

10 Monday
14 Friday
SECOND TERM begins

17 Monday
Public Holiday — Queen’s Birthday

JULY

15 Monday
SECOND TERM ends

AUGUST

17 Saturday

Last day for withdrawal without academic penalty from courses in all faculties, except half year subjects in the Faculty of Engineering.
PRINCIPAL DATES

SEPTEMBER
9 Monday  THIRD TERM begins
16 Monday  Last day for withdrawal without academic penalty from Type B subjects in the Faculty of Engineering.

OCTOBER
7 Monday  Public Holiday — Eight Hour Day

NOVEMBER
1 Friday  Third Term Lectures and other classes cease.
9 Saturday  THIRD TERM ends
           Annual Examinations begin
30 Saturday  Annual Examinations end
1975

JANUARY
20 Monday  Deferred Examinations begin
31 Friday  Deferred Examinations end

MARCH
3 Monday  FIRST TERM begins

FACULTY OF ARTS

The Faculty of Arts comprises the Departments of Classics, Education, English, French, Geography, German, History and Philosophy, and the Sub-Department of Linguistics. Major sequences including Part IV subjects are offered in the Faculty by the Departments of Economics, Mathematics and Psychology.

Dean
Professor K. R. Dutton

Sub-Dean
Mr. J. C. Walker

CLASSICS

Professor
R. G. Tanner, M.A.(Melbourne & Cambridge) (Latin)

Senior Lecturer
Rhona Beare, M.A.(Cambridge)

Lecturers
M. C. Ewans, M.A.(Oxford), Ph.D.(Cambridge)
J. L. O'Neil, M.A.(Sydney)

Senior Tutor
T. J. Ryan, M.A., Dip.Ed.
ECONOMICS

Professors

B. L. Johns, M.A. (Cambridge)  
(Head of Department)
C. A. Tisdell, B.Com. (New South Wales), Ph.D. (Australian National)

Associate Professor

B. L. J. Gordon, M.Ec. (Sydney), Ph.D.

Senior Lecturers

C. J. Aislabie, M.Ec. (Sydney), Ph.D. (London)
I. J. Fairbairn, M.A. (Washington), Ph.D. (Australian National)
W. J. Sheehan, B.Ec. (Sydney), M.A.
P. W. Sherwood, B.Com. (London)

Lecturers

J. C. de Castro Lopo, M.A. (Wisconsin)
N. J. Dickinson, B.Com. (New South Wales)
W. C. Dunlop, B.A. (Auckland)
J. R. Fisher, B. A., Ph.D. (Hull)
P. C. Ip, B.S. (Illinois), Ph.D. (Western Ontario)
S. N. Jacobi, A.B. (Princeton), M.A. (South Carolina)
G. R. Keating, M.Ec. (New England)
Paula R. Nakutis, B.A., Dip.Ed. (New South Wales)
Sudha R. Shenoy, B.A. (Gujarat), B.Sc. (Econ.), M.A. (Area Studies) (London)
C. W. Stahl, B.A. (California State College), M.A. (California)
P. J. Stanton, M.A., Dip.Ed. (Sydney)
V. G. Taylor, B.Ec. (Monash)
B. A. Twohill, B.A.

EDUCATION

Professors

J. B. Biggs, B. A. (Tasmania), Ph.D. (London)  
(Head of Department)
L. N. Short, M.Sc. (Sydney), D.Phil. (Oxford), Dip.Ed. (Sydney), M.A.C.E., F.R.S.A.

Associate Professors

A. R. Barcan, M.A., M.Ed. (Sydney), Ph.D. (Australian National), Dip.Ed. (Sydney)
K. F. Collis, B.A., M.Ed. (Queensland), Ph.D., M.A.C.E.

Senior Lecturers

P. N. Chopra, B.Sc. (Benares), B.A., Dip.Ed. (Adelaide), M.A.Ps.S., M.A.C.E.
A. G. Doczy, B.A., Ph.D., Dip.Ed. (Western Australia), M.A.Ps.S., A.B.Ps.S.

Lecturers

Audrey L. Chopra, B.A. (Melbourne), M.A.Ps.S.
A. V. Everett, B.A. (Queensland), M.A.Ps.S.
Gaynor E. Reeves, B.A. (New England)

Senior Tutors

J. W. McQualter, B.Sc. (Sydney), B.A., Dip.Ed. (New England)
W. G. Warren, B.A., A.A.S.A.
ENGLISH

Professor

Associate Professor
D. B. O'D. Biggins, B.A.(London), M.A.(Southampton)

Senior Lecturers
N. C. Talbot, B.A.(Durham), Ph.D.(Leeds)
Robyn K. Wallace, B.A.(Sydney)

Lecturers
D. V. Boyd, B.A.(York (Canada)), M.A., Ph.D.(Buffalo)
Judith M. Driscoll, M.A.
A. J. Hassall, B.A.(New South Wales), Ph.D.(Monash)
P. L. Kavanagh, M.A., Dip.Ed.(Sydney)
R. P. Laidlaw, M.A.(Leeds)
P. G. Peterson, M.A.(New Zealand)
J. B. Tomson, M.A.(Dublin), B.Phil.(Oxford)

Tutors
Sneja M. Hanna, B.A.(Melbourne), M.A.(Toronto)
Heather L. Stuart, B.A.(Sydney)

FRENCH

Professor

Senior Lecturer
N. M. Million, M.A.(Oxford)

Lecturers
Janice Rubenach, B.A.(Tasmania)
C. A. Whitehead, B.A.(New England), M.A.(Sydney)

Tutor
Micheline B. Price, I.P.F.E.
GEOGRAPHY

Professors
K. W. Robinson, M.A.(New Zealand)
(Head of Department)
A. D. Tweedie, M.A.(New Zealand)

Senior Lecturers
Mary R. Hall, M.A.(Manchester)
P. G. P. Irwin, B.A.(Sydney), B.Com.(Queensland),
M.A.(New South Wales)
J. C. Turner, B.Sc.(Agr.) (Sydney), M.S., Ph.D.(Wisconsin)

Lecturers
J. C. R. Camm, M.Sc.(Hull), Ph.D.
W. J. Jonas, B.A.(New South Wales),
M.A.; Dip.Ed.(New South Wales)
R. J. Loughran, B.Sc.(Durham), M.Sc.(New England)
D. N. Parkes, B.A.(Durham), M.A., Ph.D.

Senior Tutor

Tutors
Judith P. Galvin, B.A.
W. N. Jenks, M.A.(Otago)

GERMAN

Professors
D. G. Mowatt, B.A., Ph.D.(London), F.A.H.A.
(Head of Department)
B. Newton-John, M.A.(Cambridge), F.R.S.A.
(German Literature)

Senior Lecturer
J. D. Stowell, B.A.(Melbourne)

Lecturers
A. Barthofer, M.Phil., Dr.Phil.(Vienna)
Hilary H. Purves, M.A.(Otago), Ph.D.(London)
F. Walla, M.Phil., Dr.Phil.(Vienna)
HISTORY

Professors

G. A. Cranfield, B.A., Ph.D. (Cambridge) (Modern History) (Head of Department)

Associate Professors

A. H. Anderson, M.A., Ph.D. (Edinburgh)
J. P. S. Bach, M.A. (Sydney), Ph.D. (New South Wales)

Senior Lecturers

L. E. Fredman, M.A., LL.B. (Melbourne), A.M. (Stanford), Ph.D. (Tulane)
N. Rutherford, B.A. (New South Wales), Ph.D. (Australian National)
D. I. Wright, B.A. (Adelaide), Ph.D. (Australian National)

Senior Tutor

H. Margaret Henry, B.A. (Sydney), Dip.Ed. (New England)

Tutors

Eve Buscombe, M.A. (Australian National)
Sheilah R. Gray, B.A., Dip.Ed. (Tasmania)
Ellen M. McEwen, B.A. (Adelaide)

SUB-DEPARTMENT OF LINGUISTICS

Associate Professor

N. R. Cattell, M.A. (Sydney), Ph.D. (Executive Officer)

Senior Lecturer

Geraldine V. MacNeill, M.A. (Otago)
MATHEMATICS

Professor
R. G. Keats, B.Sc., Ph.D. (Adelaide), F.A.S.A.

Associate Professor
W. Brisley, B.Sc. (Sydney), M.Sc. (New South Wales), Ph.D.; Dip.Ed. (New England)

Senior Lecturers
W. Ficker, Prom.Mat., C.Sc., RNDr. (Comenius)
J. R. Giles, B.A. (Sydney), Ph.D.; Dip.Ed. (Sydney)
W. T. F. Lau, M.E. (New South Wales), Ph.D. (Sydney), M.A.I.A.A.
P. K. Smrz, Prom.Phys., C.Sc., RNDr. (Charles)
W. D. Wallis, B.Sc., Ph.D. (Sydney)

Lecturers
R. F. Berghout, M.Sc. (Sydney)
J. G. Couper, B.Sc., Ph.D. (New England)
A. J. Guttmann, M.Sc. (Melbourne), Ph.D. (New South Wales)
M. J. Hayes, B.A. (Cambridge)
L. Janos, C.Sc., RNDr. (Charles)
D. L. S. McElwain, B.Sc. (Queensland), Ph.D. (York (Canada))
T. K. Sheng, B.A. (Marian College), B.Sc. (Malaya & London), Ph.D. (Malaya)
E. R. Smith, M.Sc. (Melbourne), Ph.D. (London)
W. C. Summerfield, B.Sc. (Adelaide), Ph.D. (Flinders)
R. J. Vaughan, B.Sc., M.Eng.Sc., M.E. (New South Wales), Ph.D. (Adelaide)
W. P. Wood, B.Sc., Ph.D. (New South Wales)

Senior Tutors
G. W. Southern, B.A. (New South Wales)

Tutors
Winifred Frost, B.A.
L. Kavalieris, B.Math.

Honorary Associate
I. L. Rose, B.E. (Sydney), Ph.D. (New South Wales)
PHILOSOPHY

Professor
A. M. Ritchie, M.A.(Sydney), Ph.D.(London)

Senior Lecturers
D. W. Dockrill, B.A.(Sydney), Ph.D.(Australian National)
W. V. Doniela, M.A.(Sydney), Dr.Phil.(Freiburg)

Lecturers
A. J. Anderson, B.A.(Sydney)
R. McL. Robinson, B.A.

Senior Tutor
A. C. W. Sparkes, B.A.(Queensland and London), M.A.(New South Wales)

PSYCHOLOGY

Professors
M. G. King, B.A., Ph.D.(Queensland), F.A.Ps.S.
(Head of Department)
J. A. Keats, B.Sc.(Adelaide), B.A.(Melbourne),
A.M., Ph.D.(Princeton), F.B.Ps.S., F.A.Ps.S.

Associate Professor
J. W. Staines, B.A., B.Ed.(Sydney), B.Ed.(Melbourne),
Ph.D.(London), M.B.Ps.S., M.A.Ps.S.

Senior Lecturers
B. Fenelon, B.A.(Queensland), M.A., M.A.Ps.S.
A. C. Hall, B.A.(Reading), M.A.
E. Székely, M.A.(Queensland), Ph.D.(Budapest),
A.B.Ps.S., M.A.Ps.S.

Lecturers
Molly M. Cotton, M.A.(New England), A.A.Ps.S.
D. C. Finlay, M.Sc., Ph.D.(Melbourne), A.A.Ps.S.
A. Ivinskis, B.A.(Queensland), M.A., M.A.Ps.S.
Daphne M. Keats, B.A.(Sydney), M.Ed., Ph.D.(Queensland),
Dip.Ed.(Sydney), M.A.Ps.S., M.S.A.A.N.Z.
A. G. Keene, B.A.(New Zealand), M.A.(Melbourne), Ph.D.,
M.A.Ps.S.
J. A. C. Price, B.A.(Queensland), A.B.Ps.S., M.A.Ps.S.,
M.S.A.A.N.Z.
A. K. A. Rahman, M.A.(Rajshahi), M.A., Ph.D.(McGill),
M.A.Ps.S., M.B.P.A.
J. L. Seggie, B.A., Ph.D., M.A.Ps.S.

Demonstrators
T. M. Bakker, B.A.(Tasmania)
Margaret M. Davies, B.A.
K. R. Maher, B.A.(New South Wales)
T. Matyas, B.A.(New South Wales)
Sandra L. Pertot, B.A.; M.Psychol.(New South Wales)

Honorary Associates
J. T. Holland, M.B., B.Sc.(Med.) (Sydney), F.R.A.C.P.
ADMINISTRATIVE STAFF

Vice-Chancellor and Principal

Vice-Principal and Deputy Vice-Chancellor
Professor B. Newton-John, M.A.(Cambridge), F.R.S.A.
(To 5 March 1974)
Professor A. D. Tweedie, M.A.(New Zealand)
(From 6 March 1974)

Deputy Vice-Chancellor

Personal Assistant to Vice-Chancellor
A. Nell Emanuel, B.A.(New South Wales)

BURSAR'S DIVISION

Bursar
L. W. Harris, A.A.S.A.(Senior), A.B.I.A.
Deputy Bursar
L. F. Norberry, A.A.S.A.
Accountant
G. W. Walker, A.A.S.A.
Assistant Bursar — Staff
R. J. Goodbody

SECRETARY'S DIVISION

Secretary
P. D. Alexander, B.A., Dip. Ed.(Sydney)

Student Administration
P. H. Beckett, B.A.(Sydney)

Examinations
Glennie Jones, B.A.(New South Wales)
R. Weir, B.A.

Faculty Secretariat
J. S. Boydell, M.A.(Cambridge)
F. C. Hawkins, B.Com.
Christine Samojluk, B.A.(Sydney)

Publications and Publicity
J. W. Armstrong, B.A.
E. Joan Bale, B.A.(New South Wales)

Statistics and Systems
D. L. Farmer, B.Sc., Dip.Ed.(Sydney)
D. S. Dunlop

PLANNER'S DIVISION

University Planner
Associate Professor E. C. Parker, A.S.T.C., F.R.A.I.A.

Deputy Planner

Staff Architect
W. J. Crook, B.Arch.(New South Wales), A.R.A.I.A.

Assistant Staff Architect
A. Lee, A.S.T.C.

Staff Engineer

Assistant to Staff Engineer
J. D. O'Donohue
ADMINISTRATIVE STAFF

UNIVERSITY COUNSELLING SERVICE

Senior Student Counsellor
A. P. T. Loftus, B.A.(Melbourne), M.A., M.APs.S.

Student Counsellors
B. E. Hazell, M.A.(Sydney), M.APs.S.
(Seconded to the University of the South Pacific)
(Temporary Appointment)

OVERSEAS STUDENT ADVISOR

Overseas Student Advisor
Robin Loftus, B.A.(Adelaide)

AMENITIES OFFICE

Amenities Officer
H. Bradford

CAREERS AND STUDENT EMPLOYMENT OFFICE

Careers Officer
H. Floyer, B.Ec.(Sydney)

ADMINISTRATIVE STAFF

COMPUTER CENTRE

Director
J. A. Lambert, B.Sc.(Sydney), M.Sc.(New South Wales), M.B.C.S.

Programmers
M. Capek
F. C. P. Huang, B.Sc.(National University, Taiwan), Ph.D.(Australian National), A.A.I.P.
A. Loo Jansen, B.App.Sc.(Adelaide)
M. Wiseman, B.Sc., Ph.D.(Adelaide)

EDWARDS HALL

Warden
THE UNIVERSITY OF NEWCASTLE

The University of Newcastle began its existence as the Newcastle University College of the University of New South Wales, then known as the New South Wales University of Technology. The College was formally opened on 3rd December, 1951, and the first students were enrolled in the 1952 academic year. By the University of Newcastle Act of 1964 it became an autonomous institution on 1st January, 1965.

Enrolments in the first year of the College's existence totalled 370 of whom only five were starting degree courses — the others were seeking a diploma or were converting their diplomas into degrees. In 1954 courses in the Faculty of Arts were offered for the first time. As the New South Wales University of Technology, whose courses were given in the College, had no Faculty of Arts, supervision of these courses was entrusted to the University of New England. This relationship continued until 1959 by which time the New South Wales University of Technology had become the University of New South Wales and was empowered to offer courses in the Faculty of Arts. Enrolments have steadily increased, reaching 1000 in 1960 and 3871 in 1973.

The Newcastle University College was established on the site of the Newcastle Technical College at Tighe's Hill. In 1960 an area of some 200 acres was acquired at Shortland and building commenced in 1964. The transfer of the University began at the end of 1965. Courses in all faculties are now given on the Shortland Campus.

The University is governed by a Council of twenty-four members. The Chancellor, who acts as chairman, is chosen either within the twenty-four members or from outside, the size of the Council being increased to twenty-five in the latter instance. The Council comprises representatives of the University staff, Convocation, the students, the Legislative Council and the Legislative Assembly; nominees of the Governor; and the Vice-Chancellor, who is the chief executive officer of the University.

The principal academic body in the University is the Senate comprising the Vice-Chancellor, Professors, a representative of each of the Faculty Boards, representatives of the students and certain other ex officio members. Teaching and research in each Faculty are supervised by a Faculty Board consisting principally of the permanent academic and teaching staff of the Departments in the Faculty and representatives of the students. A number of Boards of Studies have also been established, each board having the task of integrating or supervising activities in a particular area of interest.

The University is financed by grants from the Australian Government.

MATRICULATION

The By-laws governing matriculation and admission to courses are set out below. The University does not conduct its own matriculation examination but recognises the New South Wales Higher School Certificate Examination and the University of Sydney Matriculation Examination for this purpose.

By-law 5.1 — Matriculation

1. (1) Except as provided in By-law 5.3.3, a candidate, before being admitted to matriculation, shall:

   (a) have passed in the New South Wales Higher School Certificate Examination or the University of Sydney Matriculation Examination in at least five recognised matriculation subjects, one of which shall be English and any three of which shall be passed at least at second level; and

   (b) have attained in that examination the aggregate of marks prescribed by the Senate from time to time and calculated in the manner determined by the Senate.

(2) The recognised matriculation subjects shall be:

<table>
<thead>
<tr>
<th>English</th>
<th>Greek</th>
<th>Chinese</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>Latin</td>
<td>Japanese</td>
</tr>
<tr>
<td>Science</td>
<td>French</td>
<td>Hebrew</td>
</tr>
<tr>
<td>Agriculture</td>
<td>German</td>
<td>Dutch</td>
</tr>
<tr>
<td>Modern History</td>
<td>Italian</td>
<td>Art</td>
</tr>
<tr>
<td>Ancient History</td>
<td>Bahasa Indonesia</td>
<td>Music</td>
</tr>
<tr>
<td>Geography</td>
<td>Spanish</td>
<td>Industrial</td>
</tr>
<tr>
<td>Economics</td>
<td>Russian</td>
<td>Arts</td>
</tr>
</tbody>
</table>

(3) Mathematics and Science, both passed as full courses, together shall, for the purpose of sub-section (1) (a) of this section, be counted as three subjects, but otherwise, each shall count as one subject.

(4) The qualification for matriculation must be obtained at one examination.

2. A person who has applied to undertake a course of study as a matriculated student shall upon —

   (a) the approval of his admission to a Faculty and the payment of such fees as may from time to time be determined by the Council; and
MATRICULATION

(b) signing the Matriculation Register of the University become a matriculated student of the University and shall be deemed to have accepted the privileges and obligations of membership of the University.

By-law 5.2 — Courses and Degrees

1. The Council may by resolution determine —
   (a) the requirements for courses of study in the University; and
   (b) the requirements for fellowships, scholarships, prizes, exhibitions, degrees and diplomas and the granting thereof.

By-law 5.3 — Admission to Courses

1. (1) A candidate for any first degree of the University shall satisfy the conditions for admission to matriculation set out in By-law 5.1.1 or shall have been admitted to matriculation under section 3 of this By-law before entering on any course for such degree. Compliance with the conditions for admission to matriculation shall not in itself entitle a person to enter upon a course.

   (2) A person who has satisfied the conditions for admission to matriculation may on the payment of such fees as may be determined by the Council from time to time be provided with a statement to that effect.

2. A candidate for any degree shall before entering on the course for that degree have satisfied any special conditions prescribed under By-law 5.2.

3. The Council may, with the advice of the Senate, admit as a matriculated student, under such conditions and with such standing as it may determine, any person who has satisfied the Council that he has reached a standard of education sufficient to enable him to pursue his proposed course.

4. The Council may, with advice of the Dean of the Faculty concerned, permit any person to enrol in a subject or subjects on payment of such fees as may be determined from time to time by the Council: Such a person, not being a matriculated student, shall not have the privileges of a matriculated student and shall not be eligible to proceed to a degree.

PREREQUISITES

Although prerequisites are not prescribed, lectures in the following faculties, courses or subjects will be given on the assumption that students will have studied for the New South Wales Higher School Certificate the subjects listed below to the level indicated:

<table>
<thead>
<tr>
<th>FACULTY</th>
<th>ASSUMPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLIED SCIENCE</td>
<td>Second level Short Course Mathematics and Science including Physics and Chemistry options.</td>
</tr>
<tr>
<td>ARCHITECTURE</td>
<td>Second level Short Course Mathematics and Science.</td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>Second level Short Course Mathematics.</td>
</tr>
<tr>
<td>AND COMMERCE</td>
<td></td>
</tr>
<tr>
<td>ENGINEERING</td>
<td>Second level Short Course Mathematics and Science including Physics and Chemistry options.</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>Second level Short Course Mathematics.</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>Second level Short Course Mathematics and Science.</td>
</tr>
</tbody>
</table>
ENROLMENT

All forms relating to enrolment are obtainable from the Student Administration Office, Room G.63, Building "A".

PERSONS SEEKING ADMISSION TO AN UNDERGRADUATE COURSE

Students seeking admission in the 1974 academic year will be required to lodge an "Application for Admission — 1974" with the Student Administration Office not later than

(a) 5.00 p.m. on Thursday, 1 November, 1973 in the case of:

— Persons resident in Australia who are seeking admission on the basis of qualifications which they already hold at 30 September, 1973;

— Persons resident outside Australia provided they already possess the results of the examination on which they are relying for admission in 1974.

Persons resident outside Australia whose examination results will not be available by 1 November, 1973 will not be considered for admission in 1974. They may inquire in September, 1974 for admission in 1975.

(b) 5.00 p.m. on Friday, 18 January, 1974 in the case of:

— Persons resident in Australia who

(i) are seeking admission on the basis of the results of examinations taken after 30 September, 1973;

(ii) in 1973 have been enrolled in another Australian University; or

(iii) have applied to attempt the University of Sydney Matriculation Examination February, 1974.

No guarantee can be given that applications received after the prescribed dates will be considered.

Applications sent by post should be addressed to The Secretary, The University of Newcastle, N.S.W. 2308.

Students proposing to attempt the University of Sydney Matriculation Examination in February, 1974 should indicate on the application for admission the subjects and levels proposed to be offered for examination, and must advise the Secretary of their results as soon as they are known.

Documentary evidence must accompany each application where studies have been carried out at secondary educational institutions outside New South Wales or where previous University studies have been undertaken.

Each student will be advised by letter of the outcome of his application and those accepted will be informed of the procedures to be followed for the completion of enrolment. However, it should be noted that new students will be required to attend the University in person to have their enrolment approved and to pay the charges applicable. The days Friday 22 and Monday 25 February, 1974 have been set aside for this purpose.

PERSONS RE-ENROLLING IN AN UNDERGRADUATE COURSE

Undergraduates re-enrolling will be required to complete a re-enrolment form and lodge it with the Student Administration Office on or before Friday, 4 January, 1974. Students enrolled in 1973 will be sent a re-enrolment form with the advice of their examination results in December.
A student who has taken a deferred examination or special examination will be required to lodge a re-enrolment form with the Student Administration Office within one week from the day of publication of the examination results.

Approval of Re-Enrolment
When a student's re-enrolment programme has been approved the authorised re-enrolment form will be posted to the student at his home address unless he indicates that it should be posted to any other address.

PERSONS SEEKING READMISSION TO AN UNDERGRADUATE COURSE

Any student not enrolled in 1973 who wishes to re-enrol in 1974 should apply to the Student Administration Office for an Application for Readmission form.

DESIGNATION OF STUDENTS

FULL-TIME STUDENTS
A Full-Time Student is a student who enrolls in more than half the subjects of a normal first year course and such a student remains classified as a full-time student until the written approval of the Dean of the Faculty is given that he be re-classified as a part-time student. This re-classification would be exceptional.

PART-TIME STUDENTS
A Part-Time Student is either one who enrolls in half or less than half of the subjects of a normal first year course or one who enrolls in a part-time course. In subsequent years, the enrolment as a part-time student requires the approval of the Dean of the Faculty.

NON-DEGREE STUDENTS
A Non-Degree Student is a student who is permitted to enrol in one or more subjects of a first degree course. Such a person is not eligible to proceed to a degree and cannot enjoy the privileges of a matriculated student. A student enrolled in the Professional Accounting Studies course in the Faculty of Economics and Commerce is classified as a Non-Degree student taking one subject.

PROCEDURES

CANDIDATES FOR POSTGRADUATE DIPLOMA COURSES

Intending candidates for the Postgraduate Diploma courses in Business Studies, Computer Science, Education and Industrial Engineering will be required to complete an Application To Register Form and lodge it with the Student Administration Office on or before Friday, 18 January, 1974.

Applicants for admission to the Diploma in Psychology are selected biennially. No new candidates will be accepted in 1974.

Each student whose undergraduate studies were undertaken in another University, will be required to provide a full transcript of his academic record with his application.

For further information, intending candidates should consult the entry for the appropriate Diploma course.

CANDIDATES FOR HIGHER DEGREES (DOCTOR OF PHILOSOPHY OR MASTER DEGREES)

Candidates Re-Enrolling
A letter will be sent by the University to each candidate whose re-registration is approved. A higher degree enrolment form will be enclosed with the letter and the candidate will be required to complete the form and return it to the Student Administration Office on or before Friday, 4 January, 1974.

Candidates Registering for the First Time

Doctor of Philosophy or Research Master's Candidate
Candidates wishing to register for the degree of Doctor of Philosophy or a Research Master's degree must lodge an Application to Register Form no later than one month prior to the commencement of the term in which registration is sought.

Dates by which Applications to Register must be Lodged

- Friday, 1 February, 1974
- Friday, 10 May, 1974
- Friday, 9 August, 1974

Course Work Master's Candidates
Candidates wishing to register for a Course Work Master's degree must lodge an Application to Register Form no later than Friday, 18 January, 1974.
PROCEDURES

NON-ACCEPTANCE
A student whose enrolment is not accepted will be notified in writing.

LATE ENROLMENTS
(i) Students who are unable to lodge their Re-Enrolment Form by the prescribed date, shall make written application to the Secretary for an extension of time. This application must be received by the Secretary on or before Friday, 4 January, 1974, otherwise the University reserves the right not to accept the student's enrolment.
(ii) No enrolments will be accepted after 31 March of each academic year without the approval of the Secretary which shall be given only in exceptional circumstances.
(iii) Deferred Examinations
A student who has taken a deferred examination or special examination will be required to lodge an Enrolment Form with the Student Administration Office within one week from the day of publication of the examination results.

"SHOW CAUSE" STUDENTS
Students who, after failure at the annual examinations, are required to “show cause” why they should be allowed to continue in a course will be informed of this fact in writing after notification of examination results in December. Such a student will be provided with a form on which he must state his “show cause” case.
A student who wishes to re-enrol in any subject which he has failed more than once shall be required to show cause why he should be allowed to re-enrol in the subject and must submit a “show-cause” statement with his re-enrolment form.
The student’s “show cause” statement and completed re-enrolment form must be lodged with the Student Administration Office on or before Friday, 4 January, 1974.

UNIVERSITY SKILLS ASSESSMENT
As part of its service to students, the University Counselling Service holds a voluntary half day session in which a variety of skills relevant to university work, such as Reading Speed, Note-Taking, Study Skills etc. are tested. Attendance is voluntary and the results are held in confidence in the Counselling Service. This year it is intended to hold the University Skills Assessment on 15 March (Graduation Day). An evening session will be held for Part-Time students on the same date. Many students derive benefit from later discussing their results with a counsellor. Some students are later invited (on the basis of a weak result) to participate in a course designed to overcome their particular difficulty.

ENROLMENT IN CORRECT SUBJECTS
Considerable inconvenience is caused to the University and to the student if he attends classes in a subject in which he has not enrolled. It is essential that the student consider carefully the subjects he is required, or wishes, to enrol in before submitting his Enrolment Form.

WITHDRAWAL FROM COURSE OR SUBJECT REGARDED AS FAILURE
Approval to withdraw from a course or a subject is not automatic. It should be noted that a student is regarded as having failed in a course if he enrols in it and does not pass the annual examinations — i.e. not sitting for the examination is regarded as not passing the examination (unless withdrawal without penalty has been approved).
A student is required to notify the Secretary to the University in writing of his withdrawal and the withdrawal shall take effect from the date of receipt of such notification in writing. Unless the Dean of his Faculty grants him permission to withdraw without penalty, a student who withdraws after the date shown below will be deemed to have failed in the subject or subjects from which he withdraws.

All Faculties except the Faculty of Engineering
Sixth Monday in Second Term

Faculty of Engineering
Type A Subjects
Eighth Monday in First Term
Type AB Subjects
Sixth Monday in Second Term
Type B Subjects
Second Monday in Third Term.
PROCEDURES

AMENDMENTS

Any action taken by a student which involves an amendment to or a variation in his course programme or enrolment status is required to be documented.

A student must formally apply for permission to do any of the following:

(a) completely withdraw from course
(b) withdraw from a subject or subjects
(c) substitute one subject for another
(d) add a subject to existing programme
(e) transfer from F/T to P/T within degree course
(f) transfer from P/T to F/T within degree course
(g) transfer from one degree course to another
(h) transfer from a degree course in one Faculty to a degree course in another Faculty

If the variation sought is not listed above, a brief indication of the nature of the change sought is required.

Notes

1. Exemption in a subject unit or units, the substitution of a unit or units within a subject and exemption from practical work, is the responsibility of the Head of the Department concerned who will authorise such exemption or substitution.

2. Students are reminded that compliance with the degree or Diploma Requirements governing their courses is their responsibility. Approval of a Variation Application does not of itself entitle the applicant to any rights or privileges to which the completion of his previous programme might have entitled him.

HOW TO DOCUMENT WITHDRAWALS AND AMENDMENTS

All withdrawals and amendments should be recorded on a Variation Application Form.

It is essential that students notify the Student Administration of variations in their courses promptly. Automatic approval is not given: the student must have valid and sufficient reasons for making the change and these reasons should be stated on the Variation Form.

Variation Forms are available from the Student Administration Office.

PROCEDURES

CHANGE OF ADDRESS

Students are responsible for notifying the Student Administration Office in writing of any change in their address as soon as possible. A Notification of Change of Address Form should be used. It is available from the Student Administration Office.

Failure to do this could lead to important correspondence or course information not reaching the student. The University cannot accept responsibility if official communications fail to reach a student who has not notified the Student Administration Office of a change of address.

It is essential that all students inform the University of an address for all correspondence from the end of the examination period to the end of the long vacation.

This is particularly important for students intending to travel overseas during this period.

A special form for this purpose will be available in October of each year.

IDENTITY CARDS

Each student wishing to obtain a travel concession, to borrow a book from the Library or to confirm his membership of the Newcastle University Union is required to produce on demand his identity card.

Identity cards will be issued to students at the Student Administration Office and should be available for collection soon after the commencement of First Term. The student will be required to produce his enrolment receipt issued by the cashier before an identity card will be issued to him.

A notice will be displayed on notice boards and inserted in "University News" advising students when identity cards are available for collection.

Loss of Identity Card

If a student loses his identity card he should pay to the University Cashier the sum of 50 cents and present the receipt to the Student Administration Office for the purpose of obtaining a replacement card.

Return of Identity Card

Each student who during the academic year withdraws completely from his course will be required to hand his Identity Card to the Student Administration Office before leaving the University.
PROCEDURES

TRAVEL CONCESSIONS

The various transport authorities provide fare concessions for certain classes of students. Application forms for these concessions may be obtained at the Student Administration Office. The Student's Identity Card has to be produced each time a concession is required.

OMNIBUS — Concessions are available to:

(a) students under 18 years of age irrespective of whether they are employed or receive income or remuneration.

(b) students who are 18 but under 30 years of age and who are not in employment nor in receipt of any income or remuneration. Note: Income or remuneration includes allowances paid to Colombo Plan students, Public Service trainees, etc. but does not include allowances paid under the Tertiary Allowances Scheme, or to holders of Teacher Education Scholarships or Bursaries granted by the State Bursary Endowment Board.

(c) Concessions are not available to students who are 30 years of age or over; or to married women or ordained clergymen.

TRAIN —

(a) Periodical tickets are available during term to full-time students not in employment nor in receipt of any remuneration.

(b) Daily concession fare tickets are available to part-time students, whether employed or otherwise, for the purpose of travelling to and from classes held in connection with their course of instruction.

(c) Vacation travel concessions are available to students qualifying under (a) above.

AIRCRAFT —

Concession fares for travel overseas, inter-state and intra-state are available under the conditions ruling for the various operating companies.

LOST PROPERTY

Inquiries regarding lost property should be directed to the Attendant (Patrol) between 9 a.m. and 5 p.m. Monday to Friday at the Attendants' Office. This office is located in the north-eastern corner of the lowest floor of the Library building and may be reached from the pathway leading from the lower plaza to the footbridge.

CHARGES

GENERAL INFORMATION

COMPLETION OF ENROLMENT

Charges are determined by the University Council and are subject to alteration without notice. The due date for payment of charges for 1974 is 26 February, 1974.

Enrolment is not effective until appropriate charges have been paid. Enrolments will not be accepted after 31 March, 1974 without the Secretary's special written approval. This will be given only in exceptional circumstances.

PAYMENT OF CHARGES

The Entrance fee and General Services fee must be paid in full at the time of enrolment.

Payment by mail is encouraged. Money Orders should be made payable at the Newcastle University Post Office, New South Wales 2308. The Cashier's Office is located on the first floor of the Administration Building. A continuous service will apply from 9.00 a.m. to 4.30 p.m. Monday to Friday throughout the year with the exception of vacation periods when the Cashier's Office will be closed between 12.30 p.m. and 1.30 p.m.

Any alterations to the Cashier's hours during enrolment periods will be published in the press and displayed on selected University notice boards.

SCHOLARSHIP HOLDERS AND SPONSORED STUDENTS

Students holding scholarships or receiving other forms of financial assistance must attach to their authorised enrolment forms submitted to the Cashier, warrants or other forms of documentary evidence that charges will be paid by sponsors. The University looks to sponsors to provide a separate voucher, warrant or letter for each student sponsored.

HIGHER DEGREE CHARGES

General Services Fee

Higher Degree candidates are required to pay the General Services fee, and Entrance fee if applicable. Where the enrolment for a Higher Degree candidate is effective from first or second term, the General Services fee covers a period of registration from the first day of the term to the Friday immediately preceding the first day of first term in the following academic year. Where a Higher Degree candidate
CHARGES

enrols on or after the first day of third term, the General Services fee paid will cover liability in respect of this fee to the end of the long vacation following the next academic year.

CHARGES

1. General Services

(a) Students Proceeding to a Degree or Diploma
All registered students must pay a General Services fee of $52.00 per annum. In addition, students joining Newcastle University Union for the first time, are required to pay an amount of $12.00. These charges must be paid by the prescribed date.

(b) Non-Degree Students
Non-degree students must pay a Union annual fee of $32.00. This fee must be paid by the prescribed date. Non-degree students are not required to pay the General Services fee or the Union Entrance fee.

2. Late Enrolment and Re-enrolment Payments

(a) Late re-enrolment charge where a continuing student fails to lodge an enrolment form with the Student Administration office by the date approved by the Vice-Chancellor $14

(b) Late enrolment charge where a student does not lodge the approved section of the enrolment form with the Cashier by the time approved by the Vice-Chancellor $14

(c) Late payment charge where an application to sit for examination is accepted after closing date $6

(d) Late payment charge if relevant fees under (1) above are not paid within stipulated times approved by the Vice-Chancellor $8

(e) Additional amount payable if relevant fees under (1) above are not paid within an extended time approved by the Vice-Chancellor $6

3. Other

(a) Examination under special supervision, per paper $10

(b) Review of examination results, per subject $8

(c) Statement of matriculation status for non-members of the University $8

(d) Academic statements in excess of six per annum 15c a copy

(e) Replacement of student identity cards 50c each

GENERAL REQUIREMENTS

The University tries to function with a minimum of formal regulations. It is obvious, however, that there must be standard practice throughout the University in such diverse matters as examination procedures and car parking and an acceptance of certain requirements which are described in the following pages.

GENERAL CONDUCT

In accepting membership of the University the student undertakes to observe the by-laws and other requirements of the University. Students are expected to conduct themselves at all times in a seemly fashion. Smoking is not permitted during lectures, in examination rooms or in the University Library. Gambling is forbidden. Members of the academic staff of the University, senior administration officers, and other persons authorised for the purpose have authority, and it is their duty, to check and report on disorderly or improper conduct occurring in the University.

ACADEMIC REQUIREMENTS

The student is responsible for informing himself as to, and for complying with, University requirements, especially the requirements relating to admission and to the award of the degree to which he is proceeding.

NOTICES

Official University notices are displayed on the notice boards and students are expected to be acquainted with the contents of those announcements which concern them.

NOTICE BOARDS

EXAMINATIONS

A notice board has been placed on the wall opposite the entrance to the Main Lecture Theatre (B01) for the specific purpose of displaying examination timetables and notices concerning all procedural matters pertaining to examinations. Students are specifically requested to be acquainted with the notices periodically displayed thereon.

STUDENT MATTERS GENERALLY

The main notice board is the display point for notices concerning enrolment matters, scholarships, University rules and travel concessions, etc. This notice board is located on the first floor at the top of the main staircase in Building “A”.
GENERAL REQUIREMENTS

ATTENDANCE AT CLASSES
Students are expected to be regular and punctual in attendance at all classes in the course or subject in which they are enrolled. All applications for exemption from attendance at lectures or practical classes must be made in writing to the Head of the appropriate Department. If term examinations have been missed this fact should be noted in the application.

In the case of illness or of absence for some other unavoidable cause a student may be excused by the Head of the appropriate Department. Applications for exemption from re-attendance at classes, either for lectures or practical work, may only be approved on the recommendation of the Head of the appropriate Department. The granting of an exemption from attendance does not carry with it exemption from payment of fees. Where a student has attended less than 80 per cent. of the possible classes, he may be refused permission to sit for the annual examination in that subject.

OWNERSHIP OF STUDENTS WORK
Unless other arrangements have been agreed upon the University reserves the right to retain at its own discretion the original or one copy of any drawings, models, designs, plans and specifications, essays, theses, or other work executed by students as part of their courses, or submitted for any award or competition conducted by the University.

PARKING OF CARS
TRAFFIC REGULATIONS

1. “Authorised Person” means a person authorised in writing by the Vice-Chancellor for the purposes of these Regulations. “Notice” means a written advice signed by an authorised person on behalf of the Vice-Chancellor.

2. Any student, a member of staff of the University, or other person employed on the University site who wishes to bring a motor vehicle on to the Shortland site shall obtain a University parking permit. Upon receipt of a parking permit sticker the driver will fix this to the top left hand corner of the windscreen or in the case of a motorcycle in a prominent location on the cycle. Vehicles without this sticker may be refused entry to the campus.

3. No person shall park or leave any vehicle on the Shortland site except in places set aside from time to time for parking.

4. A person in charge of a vehicle entering or upon any part of the site shall:
   (a) Stop his vehicle at any manned control point or any other part of the site when signalled to do so by a Patrol Attendant.
   (b) Give to any such officer such information as he may reasonably require.
   (c) Obey any direction a Patrol Attendant may reasonably give in relation to the driving or parking of such vehicle.
   (d) Not drive at a speed greater than 20 m.p.h. or such speed limit as may be indicated by an appropriate sign for that section of road or part of the site.
   (e) Not commit or do any act which would be a breach of any Act or regulation of the State of New South Wales if he were driving or in charge of a vehicle upon a public road.
   (f) Not drive or park a vehicle on any lawn, grassed area, oval, garden, builders access road or undeveloped area of the site.
   (g) Comply with all other directions related to traffic indicated by appropriate signs installed on the site.

5. Any person who contravenes or fails to observe any of the above regulations may be advised in writing by a notice which may be posted or handed to the person or affixed to his vehicle by an authorised person.

6. Any person who contravenes or fails to observe any of these regulations shall be deemed guilty of a breach of regulations and may be dealt with accordingly.

7. The maximum penalty for the time being which may be applied under these regulations shall be the banning from the University site for a period of three months of any vehicle driven by the person concerned.

Note
Application forms for permits may be obtained from the Senior Attendant (Patrol) at the Attendants’ Office. This office is located in the north-eastern corner of the lowest floor of the Library building and may be reached from the pathway leading from the lower plaza to the footbridge.
EXAMINATIONS

Examinations and other exercises may be held in any subject and at any time. In the assessment of a student's progress in a University course, consideration will be given to laboratory work and class exercises and to any term or other tests conducted throughout the year. The results of such examinations and class work may be incorporated with those of the annual examinations.

ANNUAL EXAMINATIONS

(Students in the Faculty of Economics and Commerce are referred to material in the Faculty of Economics and Commerce Handbook.)

A student desiring to sit for an annual examination must lodge an application with the Secretary on the appropriate form by the prescribed date, 14 June, 1974.

A student who, because of religious convictions, would prefer not to sit for an examination on a particular day or particular day of the week should indicate this in writing when lodging his application to sit for examinations. While the University cannot guarantee to meet such requests it will be willing to co-operate where possible.

The cashier is authorised to receive application forms during the three weeks immediately following the prescribed closing date if they are accompanied by a late payment charge of $6.00. Applications submitted more than three weeks after the closing date will not be accepted except with the approval of the Secretary. Where an application is not accepted, the student concerned is not eligible to sit for the examination.

No student is eligible to attend the annual examination in any subject if any portion of fees or other charges due by him is outstanding by the end of the third week of third term.

The annual examinations take place in November-December. Timetables showing the time and place at which individual examinations will be held will be posted on the examinations notice board near the Main Lecture Theatre. Misreading of the timetable will not under any circumstances be an acceptable excuse for failure to attend an examination.

Examinations are conducted in accordance with the following rules and procedure:

(a) Candidates are required to obey any instruction given by a Supervisor for the proper conduct of the examination.

(b) Candidates are expected to be in their places in the examination room not less than ten minutes before the time for commencement of the examination.

EXAMINATION RESULTS

Each student will be advised by mail of his examination results. A set of examination results will be offered to the newspapers for publication. No results will be given by telephone.

Examination results may be reviewed for a charge of $8.00 per subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form together with the prescribed review charge by the date notified in the publication of results.

(c) No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.

(d) No candidate shall be admitted to an examination after thirty minutes from the time for the commencement of the examination.

(e) No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the commencement of the examination.

(f) No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.

(g) A candidate shall not by any improper means obtain or endeavour to obtain assistance in his work, give or endeavour to give assistance to any other candidate, or commit any breach of good order.

(h) Smoking is not permitted during the course of an examination.

(i) A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination and if detected at the time, to immediate expulsion from the examination room, and is liable to such further penalty as may be determined.

FURTHER EXAMINATIONS

After completion of the written annual examination papers, a student may be called upon by an examiner to complete further written, practical or oral tests as part of the annual examination. It is therefore important that the Examinations Section be advised of any change in address from that given on the Application for Admission to Examinations.
EXAMINATIONS

SPECIAL EXAMINATIONS

Special examinations may be granted according to the conditions contained in By-Law 5.9.3 which states:

5. When a candidate is prevented by illness or by any other serious cause from presenting himself for the annual examination the appropriate Faculty Board may order a special examination for that candidate in the subject or subjects in which he was unable to present himself. The result of a special examination may be graded.

6. When a candidate's studies during the academic year have been gravely hampered by illness or other serious cause, the appropriate Faculty Board upon application being made to the Secretary to the University before the commencing date of the examination supported by medical or other proper evidence may direct the examiners to take the circumstances into account in determining whether or not a special examination should be provided for the candidate in any subject in which he does not pass at the annual examination.

7. When a candidate at the annual examination is to a substantial degree affected by illness during the course of an examination in any subject the appropriate Faculty Board, upon application being made to the Secretary within three days after such examination or within such further period as the Vice-Chancellor may consider reasonable in the circumstances supported by medical or other proper evidence, may direct the examiners in that subject to take the circumstances into account if the candidate does not pass therein in determining whether or not a special examination or test should be provided for him: provided that no such application shall be considered unless the candidate either during or immediately after such examination reports to the supervisor in charge the circumstances relied on in the application.

DEFERRED EXAMINATIONS

Deferred examinations may be granted in the Faculties of Applied Science, Architecture, Engineering, and Mathematics. The examinations will be held in January-February and results will be published in the same manner as for the annual examinations.

ACADEMIC PROGRESS REQUIREMENTS

GENERAL

The University has enacted certain By-laws relating to continuation in a course. The relevant By-laws are set out below.

BY-LAWS

By-law 5.4.1 — Unsatisfactory Progress

1. The Head of a Department in any Faculty may determine that a student taking a subject or course offered by the Department shall be excluded from any examination for which the Department is responsible for any or all of the following reasons:

(a) unsatisfactory attendance at lectures;
(b) failure to complete laboratory work;
(c) failure to complete written work or other assignments;

or
(d) failure to complete field work.

2. The Faculty Board may review the academic progress of any student enrolled in the Faculty concerned who fails in, or is absent from, or is excluded under section 1 of this By-law from any examination and may determine:

(a) that the student be excluded from further study in a subject;
(b) that the student may enrol in that Faculty only in such subject or subjects as the Faculty Board shall specify; or
(c) that the case be referred to the Admissions Committee if, in the opinion of the Faculty Board, the student should be excluded from a degree course, from the Faculty or from the University.

3. The Admissions Committee, in considering a referral under subsection (c) of section 2 and after giving the student an opportunity to be heard, may determine:

(a) that the student be excluded from a degree course or from the Faculty;
ACADEMIC PROGRESS REQUIREMENTS

(b) that the student shall be permitted to continue his course, subject to such conditions as the Admissions Committee may determine; or
(c) that the case be referred to the Vice-Chancellor with the recommendation that the student be excluded from the University.

4. The Vice-Chancellor may, on the recommendation of the Admissions Committee exclude from the University any student whose academic record in the opinion of the Vice-Chancellor and the Admissions Committee demonstrates the student's lack of fitness to pursue University studies.

By-law 5.4.2 — Show Cause

1. A student shall show cause why he should be allowed to repeat a subject in which he has failed more than once. Failure in a deferred examination as well as the annual examination counts for the purposes of this By-law as one examination.

2. (1) A full-time student shall show cause why he should be allowed to continue a course if all subjects of the first year of his course are not completed by the end of his second year of attendance.

   (2) A part-time student shall show cause why he should be allowed to continue a course if all subjects of the first two stages of his course are not completed by the end of his fourth year of attendance.

3. (1) A student who has a record of failure at another University shall show cause why he should be admitted to the University.

   (2) A student admitted to a course at the University following a record of failure at another University shall show cause, notwithstanding any other provision in this By-law, why he should be allowed to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at the University.

4. A student required to show cause shall have his application considered by the Admissions Committee which shall determine whether the cause shown is adequate to justify the student's being permitted to continue his course or to re-enrol as the case may be.

By-law 5.4.3 — Re-Enrolment

1. Any student who has been excluded from a Faculty shall not be allowed to enrol in another Faculty without the permission of the Faculty Board concerned.

2. Any student excluded from a degree course or from a Faculty or from the University may apply after two academic years to the Admissions Committee for re-admission to any such Faculty or to the University. If the Admissions Committee is satisfied that the condition or circumstances of any such student have so changed that there is reasonable probability that he will make satisfactory progress in his studies it may authorise the re-admission of that student under such condition as it may determine.

By-law 5.4.4 — Appeal Against Exclusion

1. A student who is refused permission to enrol under the provisions of section 1 of By-law 5.4.3 may appeal to the Senate.

2. A student who has been excluded from any degree course or from a Faculty or from the University may appeal to the Council.

PROCEDURES

The onus is on a student required to "Show Cause" to take the appropriate action should he wish to re-enrol. Such a student must lodge his "Show Cause" statement and completed re-enrolment form by the date prescribed each year to ensure consideration of his case.
THE LIBRARY

The Library, totalling approximately 240,000 volumes and made up of monographs, pamphlets, serials, microform sets and audiovisual materials, exists to acquire, preserve and make available for use all research materials needed by the staff and students of the University.

There is an almost complete freedom of access to the collections, and students are encouraged and aided to learn how to use, as soon as possible, the Library and its contents. On his first visit to the Library the student is provided with a brochure outlining the Library's resources, its services, such as the copying service, its special facilities, such as the microprint reading room, and its procedure for borrowing.

The Library occupies the central position on the site, next to the Union.

HOURS OF OPENING

During academic year

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday-Friday</td>
<td>8.30 a.m. to 10.00 p.m. (long vacation excepted)</td>
</tr>
<tr>
<td>Saturday and Public Holidays</td>
<td>9.00 a.m. to 5.00 p.m. (all vacations excepted)</td>
</tr>
<tr>
<td>Sunday</td>
<td>1.00 p.m. to 5.00 p.m. (all vacations excepted)</td>
</tr>
</tbody>
</table>

The Library is closed for the Easter Weekend, i.e., April 12-16, 1974 inclusive.

During long vacation

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, Wednesday, Friday</td>
<td>9.00 a.m. to 5.00 p.m.</td>
</tr>
<tr>
<td>Tuesday, Thursday</td>
<td>9.00 a.m. to 7.00 p.m.</td>
</tr>
</tbody>
</table>

UNIVERSITY SERVICES

AMENITIES

The Amenities Office is located in the temporary building adjacent to the main University building.
The Amenities Officer and his Staff assist students in the following fields:

SPORT

The Amenities Officer, Mr. Bradford is liaison officer for all sporting matters between the Sports Union, the University and all outside sporting organisations.
The Amenities Office assists student Sporting Clubs in the arranging of Inter-varsity contests and travel as well as giving help when required at club level.

SPORTING FACILITIES

Administration of all sporting facilities on campus, which at present include four squash courts, two tennis courts and two ovals is the responsibility of the Amenities Office.
An outside basketball court, two further tennis courts and a Field House should be completed during 1974.

NON-COMPETITIVE PASTIMES AND DIVERSIONS

The Amenities Office arranges recreational activities on campus on behalf of the Non-Competitive Pastimes and Diversions Committee for both students and staff.
Classes in Pottery, Keep Fit, Leatherwork and Yoga have been held and further activities are planned.

ACCOMMODATION

The Amenities Office conducts a student accommodation service for students requiring housing and will deal with any accommodation problems which students may encounter while attending the University. A register is maintained of rooms, flats and private board available in Newcastle. Do not hesitate to use this service which is operated for the convenience of students.

INSURANCE

The Amenities section on behalf of the Sports Union and the Students' Representative Council is responsible for the operation of the Personal Accident Insurance Scheme.
CAREERS AND STUDENT EMPLOYMENT OFFICE

The Careers and Student Employment Office (then the Employment Office) was established in 1971 primarily to help students obtain information about careers and to assist graduating students to find employment.

Careers Counselling

All new students are invited to consult the Careers and Student Employment Office at some time during their first year at the University. Follow up consultations during second and third years may serve to bring the student to a state of mind where he or she feels confident that his or her chosen career is suitable and within the realms of possibility. The Careers and Student Employment Office would hope to have available or to obtain information for the student in order that by a little research in the early years, frustration and disappointment can be avoided after graduation. Students in the last year or stage of their degree, who may need help in finding suitable employment upon graduation, should consult the Careers and Student Employment Office during the July-September period prior to the final examinations.

Careers Library

1. A section of the Careers Library contains books, periodicals, articles, etc. giving general information about the various professional occupations.
2. Information is gradually being assembled about the manpower requirements of numerous employers — types of graduates needed, educational qualifications for appointment, experience gained, prospects etc.
3. Professional associations are being approached to supply information about the activities of their bodies, conditions of membership and application forms.

Employer Interviews

Some employers have representatives come to the University for the purpose of giving students first hand information about the kinds of graduates recruited, the job involvement, salaries, prospects etc.
Students make appointments to interview the representatives singly or in small groups.

Employment Vacancies

Some Government Departments inform the University on a regular basis of vacancies within their organizations, other employers only as specific vacancies occur.

The ‘Positions Vacant’ columns of a major local newspaper are always on hand.

The Sydney University Appointments Board has indicated that where a Newcastle University student proves that he is a bona-fide student, he can obtain copies of the “Notices of Vacancies” prepared by that Board, upon payment of the current nominal fee.

Casual and Part-time Employment

Unfortunately, it is a fact of life that some students do not have enough money to sustain them during University studies, and have to supplement their financial resources by part-time or casual work. Students may call at the Careers and Student Employment Office at the commencement of each year and complete a card indicating their needs. As opportunities are notified to the Careers and Student Employment Office, appropriate students are informed.

Industrial Experience and Vacation Employment

The Careers and Student Employment Office will provide administrative assistance to the Faculties seeking professional vacation employment for their students. Vacation employment will be sought for those students seeking employment for financial reasons.

Graduate Careers Directory

The Graduate Careers Council of Australia prepares a Directory in three parts for distribution each year to graduating students. The Directory provides general background information on the types of appointments that will be available with a large number of employer organisations in the ensuing year. The Careers and Student Employment Office arranges distribution of this Directory; a few spare copies are available to undergraduates upon request.

All students are invited to consult and use the resources of the Careers and Student Employment Office; this service is free.

The Careers and Student Employment Office is located in Temporary Building, “T”.

All students are invited to consult and use the resources of the Careers and Student Employment Office; this service is free.

The Careers and Student Employment Office is located in Temporary Building, “T”.
CHAPLAINCY SERVICE

A Chaplaincy Service within the University of Newcastle for the benefit of students and members of staff is provided by the Christian Churches of Newcastle.

The service offers personal counselling and guidance, and also assistance in biblical and doctrinal studies. Opportunities for liturgical worship are also provided.

The Chaplains' office is situated on the Lower Ground Floor of the Main Administration Building at Shortland.

The Chaplains are in regular attendance at the University but they may also be contacted at their private addresses.

NAMES AND ADDRESSES OF CHAPLAINS

Anglican
The Reverend Canon E. H. V. Pitcher, M.A.(Sydney), Th.Schol.
(The Acting Chaplain)
The Rectory, MEREWETHER. Telephone 63 1388

Baptist
The Reverend T. H. Binks, 133 Kemp Street, HAMILTON. Telephone 61 4048

Methodist
The Reverend W. D. Adams, B.A.(Sydney), B.D.(Melbourne)
23 William Street, HAMILTON. Telephone 61 4040

Presbyterian
The Reverend H. F. Kat, B.A., B.D.(Utrecht)
4 Gregory Parade, KOTARA. Telephone 57 1076

Roman Catholic
The Reverend Father G. Tejón, S.T.L.(Avila), B.Litt(Oxford)
St. Joseph's Home, SANDGATE. Telephone 67 1187
OR
The Presbytery, SHORTLAND. Telephone 55 9364

EDWARDS HALL

Edwards Hall is situated on the University Campus near the southeastern boundary of the Sports Oval, close to the tennis and squash courts and is approximately one mile by road from the University Library. While the Hall is an integral part of the University and as such is subject to the decisions and directions of the University Council, major responsibility for the government of the Hall has been entrusted by Council to a Board of Trustees made up of three Council members, one Senate member, two senior resident students, one resident Subwarden and the Warden. Edwards Hall consists of three buildings, a central amenities building flanked by two identical residential buildings between them providing 222 residential places for students and staff of the University, including 6 positions for residential Subwardens.

The residential fees for 1974 have not been determined at the time of writing but as a guide to prospective applicants, the anticipated residential fees are as follows: Term 1 (11 weeks) $286; Term 2 (10 weeks) $260; Term 3 (12 weeks) $312. The term residential fee entitles a member to a bed/study room, the supply of all bedding and fresh linen, and maintenance of the room and 16 meals a week, being breakfast and dinner each day and lunch on Saturday and Sunday.

Application forms for residence may be obtained from and completed applications returned to the Warden, Edwards Hall, The University of Newcastle N.S.W. 2308. The closing date for applications for residence in 1974 will be February 8, 1974 and applications received after this date will not necessarily be considered.

WARDEN
OVERSEAS STUDENTS

The Overseas Student Advisor is on campus solely to help overseas students with any problems which may arise. Because of her specialized knowledge, she may be able to give direct assistance, may refer the student to someone in an appropriate field, (e.g., legal, health, insurance, etc.) or she may speak at the student's request and on his behalf with government officers, staff members or others.

Any discussion with the Overseas Student Advisor is completely confidential. She may be contacted either through the University Counselling Service or in the Temporary Building (T.10).

Overseas Student Advisor

Mrs. Robin Leftus, B.A.(Adelaide)

STUDENT LOAN FUND

The Council of the University has established a Student Loan Fund which is managed by a committee consisting of the Deputy Chairman of Senate, the Bursar and the Vice-Principal (Chairman). This loan is now supplemented by government grant.

Loans may be made to an undergraduate where the committee is of the opinion that his academic performance is of sufficient merit and his financial circumstances warrant a loan.

The total outstanding accommodation to any one undergraduate shall not normally exceed $600 at any one time and an undergraduate granted a loan is required to enter into an agreement.

Repayment must commence not later than twelve months after graduation or when the borrower fails or withdraws from his course or on demand as required by the University. No interest is charged while the borrower is an undergraduate but interest at a rate of not less than 5% per annum on the balance owing from time to time is charged from the date of graduation or the date on which an undergraduate fails or withdraws from a course.

In special circumstances the Committee may grant a loan to a student other than an undergraduate.

Any student wishing to seek assistance from the Fund may apply in person to the Vice-Principal or through the President of the Students' Representative Council or his nominee.

STUDY AT THE UNIVERSITY LEVEL

The University Counselling Service published a brief but comprehensive book on this subject in 1967 and although it was produced specifically for the students of this University, and reflects the attitudes of several Heads of Departments here, it is already widely used in other Universities and tertiary institutions throughout Australia. A Revised Edition was published in November, 1969 as the first printing had sold out. It may be purchased from the Cashier at 40 cents per copy.

LOCATION

The Secretary to the University Counselling Service and two Counsellors are located in the Administration Building (Room 755—entrance at the N.W. end of building). It is generally most satisfactory for students, both full-time and part-time, to make appointments through the U.C.S. Secretary. Counsellors are available for evening appointments.
UNIVERSITY SERVICES

UNIVERSITY COUNSELLING SERVICE STAFF

Senior Student Counsellor — A. P. T. Loftus, B.A. (Melbourne), M.A., M.A.Ps.S.

B. E. Hazell, M.A. (Sydney), M.A.Ps.S.
(Seconded to the University of the South Pacific)
D. R. Martin, B.A., Dip.Ed. (Sydney), M.A.Ps.S., A.B.Ps.S.
(Temporary Appointment)

Secretary — Mrs. Joy Hoesli

UNIVERSITY HEALTH SERVICE

Pending the establishment of a Health Centre, an interim service, located in the Union, functions during term time. The medical officer, Dr. John Raschke attends each Tuesday and Thursday morning and qualified nurses are on duty on the other days.

The service, which is free, is essentially diagnostic and does not undertake continuing treatments.

UNIVERSITY STUDENT LEGAL REFERRAL SERVICE

Students sometimes have problems of a legal nature. As from the beginning of Third Term, 1973, members of the Department of Legal Studies have introduced for a trial period a Student Legal Referral Service. At least one member of the Department will be available on the days and at the times indicated on the Legal Studies Notice Board, to give students, without liability, free legal advice and to explain how and where they may obtain appropriate legal aid and representation.

UNIVERSITY ORGANISATIONS

CONVOCATION

Convocation provides an opportunity for graduates to maintain a positive interest and influence in University affairs. It has the right to discuss and to pronounce an opinion on any matter relating to the University, and to communicate directly with the Council or Senate of its own volition or at the request of either body.

Public meetings at which topics of interest are discussed are conducted by Convocation as well as general meetings. Convocation is controlled through a Standing Committee of 14 elected members including the Chairman, who is called the Warden of Convocation, and the Immediate Past Warden, who is the Deputy Chairman.

Membership is automatic for graduates of this University, and for those graduates of the University of New England and of the University of New South Wales who spent at least three years as students of Newcastle University College; for present and past members of the University Council; and for present full time members of the academic staff and graduate permanent members of the administrative, library and technical staff.

Council may admit as members of Convocation upon payment of a fee determined by Council:
(a) Graduates of other Universities who are resident in the Hunter Valley or North Coast areas; and
(b) such other University graduates as the Council may approve.

Five members of the University Council are elected by Convocation.

OFFICE BEARERS

Warden — Mr. W. G. Derkenne, LL.B. (Sydney), B.A.

Secretary — Mr. E. J. Buckman, B.Sc. (New South Wales), M.Eng.Sc., A.S.T.C., M.I.E.Aust.

Treasurer — Mr. R. W. Gibbins, B.Com. (Queensland), A.C.A.

Immediate Past Warden — Mr. J. P. Talty, B.D.S. (Sydney)
UNIVERSITY ORGANISATIONS

CONVOCATION

STANDING COMMITTEE MEMBERS —

Mr. J. W. Armstrong, B. A.
Miss F. M. Burns, B.A.
Dr. A. J. Chambers,
B.E. (New South Wales),
M.E.; Ph.D. (Stanford),
Grad.I.E.Aust.
Mr. R. W. Gibbins, B.Com.
(Mcqueensland), .AC.A
Mrs. E. G. Hamilton,
B.A (New South Wales),
A.LA.A.
Mr. K. G. Hoffman,
B.Arch. (New South Wales)

Miss C. Johansen, M.A.
Mr. P. A. Marquet, B.A. (Sydney),
A.A.S.A., A.I.C.M., S.T.S.D.
Professor B. Newton-John,
M.A. (Cambridge), F.R.S.A.
Mr. B. Relf, B.A.
Dr. P. N. Richards, B.E. (Met.),
M.E., D.App.Sc. (Melbourne)
Mrs. H. M. Turner, M.A.,
Dip.Ed. (Sydney), L.A.S.A.,
F.A.I.M., j.s.s.c.

STANDING COMMITTEE AND
UNIVERSITY COUNCIL MEMBERS —

Mr. C. B. Belcher,
M.Sc. (New South Wales),
A.S.T.C., F.R.A.C.I.,
F.I.M. (Lond.)
Mr. E. J. Buckman,
B.Sc. (New South Wales),
M.Eng.Sc., A.S.T.C.,
M.I.E.Aust.

Mr. C. J. A. Cornelius, B.Com.
Mr. K. H. White, M.B.,
B.S. (Sydney), B.A.
Mr. P. A. Marquet, B.A. (Sydney),
A.A.S.A., A.I.C.M., S.T.S.D.

The objects of the Union are to provide a common meeting ground
and social centre for men and women who are members of the
University; to promote the education and the intellectual culture of its
members by debates and otherwise and generally, to secure the co­
operation of University men and women in furthering the interests of
the University.

The Union maintains a fine building on the campus and major
extensions during 1973 have increased facilities for members. Such
facilities include a complete range of catering services (a liquor licence
is anticipated), recreational and common room areas, a reading room,
rooms for meetings and functions of all kinds, for 16 m.m film
projection, for T.V., and for music practice. A games complex on the
lower level provides billiards, table tennis, chess, and music listening
outlets. The Student Counsellor is on this lower level whilst a Student
Health Centre with a doctor in attendance is located in the main
building. The new commercial area includes the Union Shop which
provides for the academic needs of members, a University Co­
operative Bookshop, an A.U.S. Travel Service and A.U.S. Pharmacy
together with premises operated by the Bank of New South Wales.
The office of the Students' Representative Council is located within
the new extensions, together with Union administrative offices.

Membership of the Union, obligatory for all registered students, is
open to graduates, members of the University Council and the perma­
nent staff of the University.

The conduct of the affairs of the Union is vested in the Board of
Management comprising:

Two members appointed by the Council of the University

Ten members of the Union (at least two of whom must be grad­
uates) elected by the members of the Union

Two members of the Union who are members of the Students’
Representative Council

One member of the Union who is a committee member of the
Sports Union

One representative of the staff of the Union elected by the Union
Staff and

The Secretary Manager of the Union.

Elections for the Board are held in the month of April.

* President — Mr. R. Robinson, B.A.

* Secretary Manager — Mr. W. V. Bridgewater
THE UNIVERSITY OF NEWCASTLE COMPANY

The University of Newcastle Company is the Citizen Military Forces' Unit affiliated with the University. The Company was formed in 1957 as a Sub-Unit of the University of Technology Regiment which is now called The University of New South Wales Regiment. The current strength of the Company is 100.

The function of the Company is to train graduates and undergraduates for commissioned rank in the C.M.F. and the training designed with this in view, is done on an Infantry basis and consists of:

(a) An Annual Camp for three weeks in February
(b) An optional camp of fourteen days in December
(c) Two weekend bivouacs a year
(d) Parades on Friday nights of two hours duration
(e) Weekend day parades

The training programme is designed to fit in with vacations, examinations, and deferred examinations and there is practically no commitment in third term. Leave is available from activities where a good reason exists.

Enlistment in the Company is voluntary and is open to all graduates or undergraduates who are 17 years of age or over.

Members of the University of Newcastle Company are eligible for the following benefits:

An opportunity to reach commissioned rank in 2-3 years.
Tax-free pay for all training undertaken.
Refund of travelling expenses.
Opportunities for attendance at Regular Army Courses and short time attachments to Army units in Malaysia or New Guinea.
Free meals and accommodation at camps and bivouacs.
Free Uniforms.

Enquiries regarding conditions of service, and enlistment procedure should be made at the Training Depot which is in King Street, Newcastle West (opposite Birdwood Park). Phone No. 61 2121.

OFFICERS AND STAFF

Officer Commanding — Capt. P. Groves
Full-time Staff — WO2 M. Grovenor
S/Sgt. P. Toohey

THE UNIVERSITY OF NEWCASTLE SPORTS UNION

The Sports Union is the student organisation responsible for the promotion and control of sporting activities within the University. All students are automatically members of the Sports Union. There are twenty-six affiliated clubs: Athletics, Australian Rules, Badminton, Men's Basketball, Women's Basketball, Cricket, Fencing, Golf, Men's and Women's Hockey, Mountaineering, Netball, Men's and Women's Rowing, Rugby Union and Rugby League, Sailing, Ski-ing, Soccer, Softball, Squash, Surfboarding, Swimming, Scuba, Table Tennis, Tae Kwon-Do, Tennis, Volleyball, most of which participate in local competitions and send teams to Inter-varsity contests each year. Inter-Faculty Contests conducted throughout the year aim to stimulate friendly rivalry among the various Faculties, and to encourage a higher student participation in sport. Each club has a student representative on the Sports Union Committee, which meets monthly. The Executive consists of the President, Vice-President, Secretary, Treasurer, a representative of the University Council and the Amenities Officer. The Sports Union's annual income is derived from a portion of the General Services Fee and is used to meet such costs as equipment, affiliation fees and Inter-varsity contests.

For outstanding individual performances in sport, the University awards "Blues" each year at the Annual "Blues" Dinner.

The number of constituent clubs is increasing continually, and students interested in participating in any sport are urged to contact the Amenities Officer, Mr. Bradford, or one of the Sports Union Executive for further information. The Sports Union Amenities office is located in the temporary building adjacent to the main University building.

President — Professor R. G. Tanner,
M.A. (Melbourne & Cambridge)

Secretary — Mr. P. Hunt

Amenities Officer — Mr. H. Bradford
UNIVERSITY ORGANISATIONS

THE UNIVERSITY OF NEWCASTLE
STUDENTS' ASSOCIATION

All students proceeding to a degree or a diploma are members of the Students' Association.

Included in the General Services fee, which you all pay or have paid for you, is $8.00 subscription to the Newcastle University Students' Association (N.U.S.A.). You are all financial members of this Association and have every right — and a duty to yourselves — to take part in the running of the Association and the administration of its collective assets.

Each year, the Students' Association elects a number of students (22 at present) to the Students' Representative Council. This Council's purpose is:

1. to give money and other aid to the various clubs and societies, including religious, political and social groupings on campus;

2. when needed, to act as the students' voice in submissions to the University administration, the mass media, and various government departments;

3. to work for student welfare. The S.R.C. provides automatic accident insurance cover for students. It is also responsible for printing various student publications such as OPUS, the student newspaper, the Orientation Handbook, Nimrod, the annual literary magazine and the weekly Bulletin;

4. to implement student association policy on matters academic, political or administrative. N.U.S.A. policy is decided at official lunchtime meetings where all students may attend and vote.

With its various committees, for example, the welfare and education committees, and its officers such as the education campaign director, the travel officer and so on, N.U.S.A. attempts to facilitate as many expressions of cultural activity as possible, as well as organizing action to effect student policy on environment, aboriginal rights, apartheid and so on.

Each year, the Association organises, with some help, Orientation week and early in July, Autonomy Day, which is the equivalent of Commem., Foundation Day, or similar activities at other universities.

As the Students' Association is a constituent member of the Australian Union of Students, students of the University may take part in the activities of this body. Some of these activities which affect students more directly are the several intervarsity cultural festivals, travel to New Zealand and many countries in Asia, village schemes in Papua/New Guinea, raising money for aboriginal scholarships and World University Service, national campaigns on education, and the national student newspaper, National 'U'.

The Association, via general student meetings, ad hoc committees, and its officers, pursues policy on a wide variety of social, political, educational and welfare activities both internal to the campus and affecting our society as a whole. Frequently, controversial issues are raised and discussed. The ultimate decision on what your Association does, and how your money is spent, depends on all of you. The executive officers of your association are not there to decide policy, but to carry out your decisions.

It is more important than ever that new students help run the association. At the moment too few students do much of the work, and as the older students leave, the new ones must fill the gap or the association will collapse as a functioning unit. How can you help? Come to the general student meetings and vote; vote also in the S.R.C. elections and stand for positions that interest you. In general, try not to be apathetic or disinterested.

President — Mr. D. Wallace
Secretary — Mr. M. Pavlovic
Courses in the Faculty of Arts lead to the award of:

(i) Bachelor of Arts (B.A.)
(ii) Master of Education (M.Ed.)
(iii) Master of Arts (M.A.)
(iv) Doctor of Philosophy (Ph.D.)
(v) Diploma in Education (Dip.Ed.)

The degree of Doctor of Letters (D.Litt.) is also awarded.

REVIEW AND EXCLUSION IN THE FACULTY OF ARTS

(1) Under By-law 5.4.2.2(1) it is required that a full time student shall have passed at least four subjects at the end of the second year of attendance.

(2) Under By-law 5.4.2.2(2) it is required that a part time student shall have passed at least four subjects at the end of the fourth year of attendance.

(3) The Faculty Board will review all cases of students, whether part time or full time, who in their first year of attendance have a record of complete failure and may take action under By-law 5.4.1.2.

(4) Unless there are justifying reasons, failure in a subject for the second time automatically excludes a student from that subject, and exclusion from two subjects automatically excludes a student from the degree course.

STANDING FOR COURSES TAKEN AT COLLEGES

The University Senate has decided that Diplomates of Teachers' Colleges and Colleges of Advanced Education who, after satisfying the requirements for matriculation, have completed a three-year full-time diploma course in 1972 or later should be given standing in four subjects towards a relevant degree.

Details of how this decision is being implemented in the Faculty of Arts are available on request from the Faculty Secretary (Ext. 296).

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

GENERAL PROVISIONS

1. Definitions
   In these Requirements, unless the context or subject-matter otherwise indicates or requires, "the Faculty" means the Faculty of Arts, "the Faculty Board" means the Faculty Board of the Faculty of Arts and "the Dean" means the Dean of the Faculty of Arts.

2. Grading of Degree
   The degree of Bachelor of Arts may be conferred either as an ordinary degree or as an honours degree.

3. Approval of First Enrolment
   A candidate when enrolling in the Faculty for the first time shall report in person to the Dean, or his nominee, to have his enrolment for that year approved.

4. Timetable Requirements
   No candidate may enrol in any year for any combination of subjects which is incompatible with the requirements of the timetable for that year.

5. Annual Examinations
   The Annual Examinations shall normally be held at the end of Third Term and shall be conducted by means of written examinations supplemented by such oral or practical work testing as the examiners think fit.

6. Special Examinations
   A candidate may be granted a special examination in accordance with the provisions of By-law 5.9.3.

7. Examination Grades
   The results of successful candidates at Annual Examinations and Special Examinations shall be classified: Pass, Credit, Distinction, High Distinction.

8. Withdrawal
   (a) A candidate may withdraw from a subject or course only by informing the Secretary to the University in writing and the withdrawal shall take effect from the date of receipt of such notification.

   (b) A candidate who withdraws after the sixth Monday in second term from a subject in which he has enrolled shall be deemed to have failed in the subject save that, after consultation with the Head of Department concerned, the Dean may grant permission for withdrawal without penalty.
9. Relaxing Clause

In order to provide for exceptional circumstances arising in particular cases, the Senate, on the recommendation of the Faculty Board, may relax any requirement.

THE ORDINARY DEGREE

10. A Subject

(a) To complete a subject qualifying towards the degree, hereinafter called a subject, a candidate shall attend such lectures, tutorials, seminars, laboratory classes and field work and submit such written work as the Department concerned shall require.

(b) To pass a subject a candidate shall satisfy the requirements of the previous clause and pass such examinations as the Faculty Board concerned shall require.

11. Subjects Offered

The Faculty Board shall publish a Schedule of the subjects offered. A candidate shall select his subject from the Schedule of subjects offered and shall comply with the rules relating to selection of subjects set out in the Schedule.

12. Degree Patterns

To qualify for the degree a candidate shall pass nine subjects chosen from those listed in the Schedule of subjects offered provided that:

(a) not more than four subjects may be taken in any one year;

(b) not more than three subjects from Group II may be counted except that, in special circumstances, the Faculty Board may approve the substitution of one additional Part I subject for a Part II subject.

(c) not more than four Part I subjects may be counted;

(d) at least one subject shall be a Part III subject;

(e) no subject may be counted which is, in the opinion of the Faculty Board, substantially equivalent to work for which a candidate has already received either credit or standing.

13. Prerequisites

(a) Except as provided in the Schedule of subjects offered, a candidate shall, before enrolling in a Part II subject have passed the Part I subject in that course; and before enrolling in a Part III subject have passed in a Part II subject in that course.

(b) Before enrolling in a Part III subject a candidate shall pass any Part I or Part II subject which may be prescribed as a prerequisite for that subject by the Department from time to time.

14. Standing

The Faculty Board may grant standing under the following conditions:

(a) A graduate or undergraduate or other registered student of another university or other tertiary institution approved for this purpose by the Faculty Board may be granted standing in recognition of the work completed there provided that:

(i) the subjects for which credit is given shall have a reasonable correspondence with those offered in the Faculty;

(ii) credit shall not be given for more than four subjects.

(b) Notwithstanding the provision of section (a) (i) of this Clause, a graduate, undergraduate or other registered student of another university or other tertiary institution approved for this purpose by the Faculty Board may be given credit for subjects not offered for the degree of Bachelor of Arts in the University of Newcastle provided that:

(i) the candidate complies with all other conditions of these Requirements;

(ii) the candidate has his proposed course approved at the time at which the concession is granted and does not depart from the proposed pattern without the approval of the Dean.

**(c) A candidate may be given such credit as the Faculty Board deems appropriate for work completed at another university or other tertiary institution approved for this purpose by the Faculty Board subsequent to the candidate's becoming a matriculated student of the University of Newcastle provided that:

(i) the subjects for which credit is given shall have a reasonable correspondence with those offered in the Faculty;

(ii) credit shall not be given for more than three subjects.

(d) No candidate given credit under one or more sections (a) to (c) shall receive credit for a total of more than four subjects.

(e) A graduate of another Faculty of the University may be granted standing in recognition of work completed in that Faculty, provided that:

(i) the subjects for which credit is given shall have a reasonable correspondence with those offered in the Faculty;

(ii) the total credit given under this and any other section of this clause shall not be for more than four subjects;

(iii) no subject equivalent to one passed by the candidate while enrolled in another Faculty may be included by him as a qualifying subject.

** The Faculty Board advises candidates wishing to apply for the benefit of this concession to write to the Secretary to the University, before enrolling at the other university or tertiary institution, giving details of the work which the candidate proposes to complete there.
Subject to the provisions of Clause 12 of these Requirements, an undergraduate of another Faculty of the University who transfers his enrolment to the Faculty of Arts may be given credit for such subjects listed in the Schedule to these Requirements as he has already passed.

15. Combined Courses

Arts/Law

(a) Notwithstanding the provisions of Clause 12 of these Requirements, but subject to any restrictions imposed in the Schedule of subjects offered, a candidate who has passed in seven subjects, including at least three Part II or Part III subjects, and who has qualified or subsequently qualifies for a degree in Law in any Australian University recognised by the Council for this purpose, shall qualify for the degree.

Arts/Engineering

(b) A candidate may, after completing the first year of a course for the degree of Bachelor of Engineering in the Faculty of Engineering, and with the permission of the Dean of the Faculty of Arts, enrol in a combined Arts/Engineering course approved by the Council on the recommendation of the Faculty Boards of the Faculties of Arts and Engineering. Subject to the special conditions stated below, a candidate who has enrolled in such a combined course shall qualify for admission to the ordinary degree of Bachelor of Arts if he passes, subsequently to his first enrolment for the degree of Bachelor of Engineering, nine subjects chosen from those listed in the Schedule of the subjects offered for the ordinary degree of Bachelor of Arts. The special conditions above referred to shall be these:

(i) The candidate shall comply with all the provisions of these Requirements other than Clause 12(c);
(ii) Not more than five of the nine subjects shall be Part I subjects;
(iii) At least three of the nine subjects shall be passed after approval of the candidate's enrolment in the combined course;
(iv) A candidate whose enrolment in a combined course is withdrawn or otherwise terminated before he has passed the nine subjects required by this section shall not be eligible to qualify for admission to the ordinary degree of Bachelor of Arts under this section;
(v) A candidate enrolled in a combined course may upon satisfying the Requirements for either the degree of Bachelor of Arts or the degree of Bachelor of Engineering be admitted to that degree while continuing in the combined course.

16. Degree Pattern

(a) A Part IV subject is a Final Honours subject
(b) Part IV subjects are offered in the following:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Arts/Law</th>
<th>Arts/Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classics</td>
<td>Economics</td>
<td>English</td>
</tr>
<tr>
<td>French</td>
<td>Geography</td>
<td>German</td>
</tr>
<tr>
<td>History</td>
<td>Latin</td>
<td>Linguistics</td>
</tr>
<tr>
<td>Philosophy</td>
<td>Psychology</td>
<td>Mathematics</td>
</tr>
</tbody>
</table>

The Faculty Board may approve certain combinations of the above subjects leading to a combined honours degree.

(c) To qualify for Honours a candidate shall

(i) satisfy the requirements for admission to the ordinary degree;
(ii) pass the Part IV subject

(d) There shall be no re-examination for Honours.

17. Entry to Final Honours subject

(a) To qualify for admission to a Part IV subject a candidate for Honours shall have satisfied the requirements for admission to the ordinary degree and shall meet such requirements as may be prescribed from time to time by the Department concerned and approved by the Faculty Board.

(b) A candidate who wishes to proceed to Honours shall notify the Head of the Department at such time as shall be published in the Departmental requirements for entry to the Part IV subjects.

18. Time Requirements

(a) A candidate for Honours shall complete the requirements within five years (not counting years for which leave of absence has been granted) from the commencement of his degree course, except that—

(i) where either the whole or part of the candidate's degree course is completed part-time, the period of five years shall be extended by one further year for one or two years of part-time enrolment, by two further years for three or four years of part-time enrolment, and by three further years for more than four years of part-time enrolment;
(ii) the Faculty Board may in special circumstances extend for any candidate the period prescribed in this section (a).

(b) A candidate wishing to proceed to Honours who has been given standing either under By-law 5.3.3. or under Clause 14 of these Requirements, or who has qualified for the ordinary degree under the provisions of Clause 15 of these Requirements, shall be deemed to have commenced his degree course from a date determined by the Dean.

(c) The Dean, on the recommendation of the Head of the Department concerned, may permit a part-time candidate for Honours to complete the Part IV subject over two successive years.

19. Classes of Honours

There shall be three classes of Honours, namely Class I, Class II and Class III. Class II shall have two divisions, namely Division I and Division II.

20. Medal

In each Honours subject, including combined subjects, the Faculty Board may recommend the award of a University Medal to the most distinguished candidate or candidates of the year.

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**SCHEDULE OF SUBJECTS OFFERED IN 1974**

**NOTES:**

1. Part IV subjects are set out in Clause 16 of the Requirements for the degree of Bachelor of Arts—see page 73.

2. In French, Geography and History, A and B subjects are available in the evening in alternate years only. In 1974 French IIA and IIIA, Geography IIB and IIIB, History IIB and History IIIA will not be available in the evening.

3. A student taking Biology, Chemistry, Geology or Physics should consult the notice boards of the respective departments during first week of term to ascertain the laboratory period(s) allocated to him.

4. Students are referred to the detailed description of subjects in Group I given under the names of the various Departments in this Handbook. Description of subjects in Group II and their prerequisites etc., can be found in the Handbook of the appropriate Faculty.

<table>
<thead>
<tr>
<th>SUBJECTS</th>
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<tbody>
<tr>
<td>Part I</td>
</tr>
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</table>

**GROUP I**

Classical Civilisation  I  II

A candidate who has passed either Latin I or Greek I may enrol in Classical Civilisation II only with the permission of the Head of the Department.

Economic History  IA

Economics  IIA, IIB  IIIA, IIIB

The A subject is a pre or corequisite for the B subject.

Education  II  IIIA, IIIB

Passes in three other subjects are a prerequisite for entry into Education II, except that the Dean, on the recommendation of the Head of the Department of Education, may in special circumstances permit a candidate who has passed in only two other subjects to enter Education II. In Part III the A subject is a pre or corequisite for the B subject.
### DEGREE REQUIREMENTS

<table>
<thead>
<tr>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
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</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>I</td>
<td>IIA, IIB, IIC</td>
</tr>
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</table>

English IIA is a pre or corequisite for English IIB; English IIIA is a pre or corequisite for IIB and IIC.

For 1974 only, English IIC is a prerequisite for English IIIC.

Special approval by the Head of the Department is required for entry into English IIB unless the candidate has reached Credit level in English I or has attained a Pass in English IIA. From 1975 onwards English IIB will be a prerequisite for English IIIC.

| French | I | IIA, IIB | IIIA, IIB |

The A subject is a pre or corequisite for the B subject.

| Geography | I | IIA, IIB | IIIA, IIB |

A candidate may take either or both of the A and B subjects in Part II.

In the case of Part III, a full-time candidate taking only one Geography subject must take the A subject unless this has previously been passed or unless the Dean, on the recommendation of the Head of the Department, has exempted the candidate from this requirement.

| Greek | IN, IS | IIA, IIB, IIS | IIIA, IIB, IIS |

A candidate may enrol in IS only with the approval of the Head of Department.

The A or S subject is a pre or corequisite for the B subject.

IS and IN are the prerequisites for IIS and IIA respectively.

IIS and IIA are the prerequisites for IIIS and IIIA respectively.

A candidate may not count both IIA and IIS nor IIIA and IIS.

**Transitional Arrangements**

A candidate who prior to 1974 has passed German Introductory shall be deemed to have passed German IS and a candidate who prior to 1974 has passed German I shall be deemed to have passed German IN.

| German | I | IIA, IIB | IIIA, IIB |

The A subject is a pre or corequisite for the B subject.

| History | I | IIA, IIB | IIIA, IIB, IIIT |

A candidate may take either or both of the A and B subjects.

History IIIT may not be taken by candidates who passed History I after 1972.

| Latin | I | IIA, IIB | IIIA, IIB |

The A subject is a pre or corequisite for the B subject, except that, with the special permission of the Head of Department, candidates may be permitted to enrol in Latin IIB without having passed Latin IIIA.

| Linguistics | I | IIA | IIIA |

For 1974 only, a Pass in at least one of the following Part I subjects is a prerequisite for Linguistics IIA: English I, French I, German I, Greek I, Latin I or Sanskrit I.

For candidates who were enrolled in the degree course in 1973 or earlier the prerequisite for any Linguistics subject may be waived by the Dean on the recommendation of the Head of the Sub-Department of Linguistics subject to any conditions specified by the Dean.

| Mathematics | I | IIA, IIB, IIC | IIIA, IIB |

A candidate may take one, two or three of the subjects in Part II: one wishing to go on to any Part III subject in Mathematics must complete the IIC subject for which the IIA subject is a pre- or corequisite.

The IIIA subject is a pre- or corequisite for the IIB subject.

Mathematics IIB may, with the approval of the Head of Department, be taken in two parts.

| Philosophy | I | IIA, IIB | IIIA, IIB |

The A subject is a pre- or corequisite for the B subject.

| Psychology | I | IIA | IIIA, IIB |

| Sanskrit | I |
DEGREE REQUIREMENTS

GROUP II

<table>
<thead>
<tr>
<th></th>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>I</td>
<td></td>
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<tr>
<td>Biology</td>
<td>I</td>
<td>IIA, IIB</td>
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<tr>
<td>Chemistry</td>
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<td>IIA, IIB</td>
<td>IIIA</td>
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<td>Engineering</td>
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<tr>
<td>Geology</td>
<td>I</td>
<td>IIA, IIB</td>
<td>IIIA</td>
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<tr>
<td>Legal Studies</td>
<td>I</td>
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</tbody>
</table>

Legal Studies I may not be included in the seven subjects provided for in Clause 15(a) of the degree Requirements.

Physics       | IA or IB | II | IIIA |

REQUIREMENTS FOR THE DIPLOMA IN EDUCATION

1. An applicant for registration for the Diploma shall lodge an application form with the Secretary in accordance with the published procedures.

2. An applicant for registration shall have satisfied:
   (a) all of the requirements for admission to a degree in the University of Newcastle; or all of the requirements for admission to a University degree approved for this purpose by the Faculty Board on the recommendation of the Head of the Department of Education; and
   (b) any prerequisites specified for an individual subject in the course.

3. (a) Notwithstanding the provisions of Clause 2, a student who needs one or two additional subjects to qualify for a degree may be admitted as a part-time student to the course for the Diploma with such programme as the Head of the Department of Education recommends, provided that the student is not enrolled in any subject for which he has not satisfied the prerequisite. Before making such recommendation the Head of the Department of Education will obtain the agreement of the Heads of the other Departments concerned.
   (b) In no case will the Diploma be awarded until requirements for the degree have been satisfied.

4. Candidates for the Diploma shall complete —
   (i) the programme of studies prescribed by the Faculty Board,
   and
   (ii) such supervised practice teaching as the Head of Department shall require.

5. When a candidate has previously completed a course or subject in Education or a related discipline, the Faculty Board on the recommendation of the Head of the Department of Education may approve alternative subjects to those prescribed.

6. The course shall normally be completed in one year's full-time study except that, with the permission of the Faculty Board, a candidate may be permitted to complete the course by part-time study over two or more years.
7. To qualify for the Diploma a candidate shall:
   (a) pass the examinations prescribed by the Faculty Board;
   (b) attain a satisfactory level of proficiency during supervised practice teaching; and
   (c) if he has been registered as a candidate by virtue of the provisions of Clause 3(a), satisfy the requirements for admission to the degree.

8. The Diploma shall be awarded in three grades, namely:
   - Diploma in Education with Distinction
   - Diploma in Education with Credit
   - Diploma in Education

9. In order to provide for exceptional circumstances arising in particular cases, the Senate, on the recommendation of the Faculty Board, may relax any requirement.

REQUIREMENTS FOR THE DEGREE OF MASTER OF EDUCATION

1. An application to register as a candidate for the degree of Master of Education shall be made on the prescribed form which shall be lodged with the Secretary.

2. Applicants for registration shall either —
   (a) (i) have qualified for the degree of Bachelor in the University of Newcastle or another University approved for this purpose by the Faculty Board, Faculty of Arts, provided that the Faculty Board considers the degree as suitable preparation for the applicant's proposed field of study;
      (ii) hold the Diploma in Education of the University of Newcastle (or other approved University), or have completed an alternative course of professional training for teaching which is approved by the Faculty Board, and
      (iii) produce evidence of at least two years' practical experience in education satisfactory to the Faculty Board,
      OR
      (b) In exceptional cases produce evidence of possessing such other qualifications as may be approved by the Faculty Board on the recommendation of the Head of the Department.

3. An applicant shall satisfy the Faculty Board that he is adequately prepared to undertake advanced studies in the field of specialisation proposed, and may be required to undertake preliminary studies and examinations before being registered as a candidate.

4. On the recommendation of the Head of the Department the Faculty Board shall appoint a committee (generally of three members) to supervise the work of each candidate.

5. After registration a candidate shall undertake a course of studies which includes four units of graduate work each requiring attendance at lectures, seminars and tutorials, reading, exercises and examinations as may be prescribed by the Board of Studies.

6. Where it is appropriate to the total programme one unit may consist of approved advanced work in another department of the University.

7. Each candidate shall submit a report of a study in the area of his specialisation. Approval for the proposed study must be obtained from the candidate's committee at least three terms before the report is submitted.
8. For each candidate there shall be two examiners appointed by the Senate, one of whom shall be an external examiner.

9. Every candidate shall submit three copies of the report provided under Clause 7. All copies of the report shall be in double-spaced typescript, shall include a summary of approximately 200 words, and a certificate signed by the candidate to the effect that the work has not been submitted for a higher degree to any other university or institution. The original copy of the report for deposit in the Library shall be prepared and bound in a form approved by the University. The other two copies of the report shall be bound in such a manner as allows their transmission to the examiners without possibility of disarrangement.

10. It shall be understood that the University retains three copies of the report and is free to allow the report to be consulted or borrowed. Subject to the provisions of the Copyright Act (1968) the University may issue the report in whole or in part in photostat or microfilm or other copying medium.

11. The course for the degree of Master of Education shall be completed in not less than six terms and, except by special permission of the Faculty Board, not more than fifteen terms from the date of registration of the candidate.

12. In exceptional circumstances on the recommendation of the Faculty Board, the Senate may relax any of the above requirements.
9. A candidate shall submit his thesis for examination at a time between four and fifteen terms after registration. In special cases the Faculty Board may approve of the submission of a thesis after a lapse of only three terms.

10. For each candidate there shall be two examiners appointed by the Senate, one of whom shall be an external examiner.

11. The examiners may require the candidate to answer, viva voce or in writing, any questions concerning the subject of his thesis or work.

12. The result of the examination shall be in accordance with the result of a majority of the examiners. Should the two examiners disagree, the Senate shall appoint a third examiner.

13. A candidate who fails to satisfy the examiners may be permitted to re-submit his thesis. Such a re-submission must take place within twelve months from the date on which the candidate is advised of the result of the first examination.

14. A candidate who re-submits his thesis for examination and fails to satisfy the examiners shall not be eligible for any further examination for the degree of Master of Arts.

15. Every candidate shall submit three copies of the thesis provided under Clause 7. All copies of the thesis shall be in double-spaced type-script, shall include a summary of approximately 200 words, and a certificate signed by the candidate to the effect that the work has not been submitted for a higher degree to any other university or institution. The original copy of the thesis for deposit in the Library shall be prepared and bound in a form approved by the University. The other two copies of the thesis shall be bound in such manner as allows their transmission to the examiners without possibility of disarrangement.

16. It shall be understood that the University retains three copies of the thesis and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act (1968) the University may issue the thesis in whole or in part in photostat or microfilm or other copying medium.

17. In order to provide for exceptional circumstances arising in particular cases, the Senate, on the recommendation of the Faculty Board, may relax any requirement.
6. Subsequent to registration, the candidate shall pursue a course of advanced study and research for at least nine academic terms, save that any candidate who before registration was engaged upon research to the satisfaction of the Senate, may be exempted from three academic terms.

7. A candidate shall present himself for examination not later than fifteen academic terms from the date of his registration, unless special permission for an extension of time be granted by the Senate.

8. The course, other than field work, must be carried out in a Department of the University, under the direction of a supervisor appointed by the Senate, or under such conditions as the Senate may determine, save that a candidate may be granted special permission by the Senate to spend a period of not more than three academic terms in research at another institution approved by the Senate.

9. Not later than three academic terms after registration the candidate shall submit the subject of his thesis for approval by the Senate. After the subject has been approved it may not be changed except with the permission of the Senate.

10. A candidate may be required to attend a formal course of study appropriate to his work.

11. On completing his course of study every candidate shall submit a thesis which complies with the following requirements:—
   (i) The greater proportion of the work described must have been completed subsequent to registration for the Ph.D. degree.
   (ii) It must be a distinct contribution to the knowledge of the subject.
   (iii) It must be written in English or in a language approved by the Senate and reach a satisfactory standard of literary presentation.

12. The thesis shall consist of the candidate's own account of his research. In special cases work done conjointly with other persons may be accepted provided the Senate is satisfied on the candidate's part in the joint research.

13. Every candidate shall be required to submit with his thesis a short abstract of the thesis comprising not more than 300 words.

14. A candidate may not submit as the main content of his thesis any work or material which he has previously submitted for a University degree or other similar award.

15. The candidate shall give in writing three months' notice of his intention to submit his thesis and such notice shall be accompanied by the appropriate fee.

16. Four copies of the thesis shall be submitted together with a certificate from the supervisor that the candidate has completed the course of study prescribed in his case and that the thesis is fit for examination.

17. The thesis shall be in double-spaced typescript. The original copy for deposit in the Library shall be prepared and bound in a form approved by the University. The other three copies shall be bound in such manner as allows their transmission to the examiners without possibility of disarrangement.

18. It shall be understood that the University retains four copies of the thesis and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act (1968) the University may issue the thesis in whole or in part in photostat or microfilm or other copying medium.

19. The candidate may also submit as separate supporting documents any work he has published, whether or not it bears on the subject of the thesis.

20. The Senate shall appoint three examiners of whom at least two shall not be members of the teaching staff of the University.

21. The examiners may require the candidate to answer, viva voce or in writing, any questions concerning the subject of his thesis or work.

22. The result of the examination shall be in accordance with the decision of a majority of the examiners.

23. A candidate permitted to re-submit his thesis for examination shall do so within a period of twelve months from the date on which he is advised of the result of the first examination.
REQUIREMENTS FOR THE DEGREE OF DOCTOR OF LETTERS

1. The degree of Doctor of Letters may be awarded by the Council, on the recommendation of the Senate, for an original contribution or contributions of distinguished merit adding to the knowledge or understanding of any branch of learning with which the Faculty is concerned.

2. A candidate for the degree of Doctor of Letters shall hold a degree of the University of Newcastle or a degree from another University recognised by the Senate as being equivalent or shall have been admitted to the status of such a degree.

3. The degree shall be awarded on published* work of the candidate although in special circumstances additional unpublished work may be considered provided that these circumstances are recognised as sufficient by the Senate.

4. Every candidate in submitting his published work and such unpublished work as he deems appropriate shall submit a short discourse describing the research embodied in his submission. The discourse shall make clear the extent of originality and the candidate's part in any collaborative work.

5. A candidate for the degree shall make an application in writing to the Secretary setting out a statement of his academic qualifications. With the application he shall submit:
   (a) Four copies of the work referred to in clause 3 of these Requirements.
   (b) Four copies of any additional work, published or unpublished, which he may desire to submit in support of his application.
   (c) A Statutory Declaration indicating those sections of the work, if any, which have been accepted previously in partial fulfilment of the requirements for a degree or diploma in any University.

6. The Senate shall appoint three examiners of whom at least two shall not be members of the teaching staff of the University.

7. The University may at the request of an examiner require the candidate to answer any questions concerning his work.

8. The result of the examination shall be in accordance with the decision of a majority of the examiners.

*In these requirements the term “published work” shall mean printed in a periodical or as a pamphlet or as a book readily available to the public. The purpose of requiring publication is to ensure that the work submitted has been available for criticism by relevant experts, and examiners are given discretion to disregard any of the work submitted if, in their opinion, the work has not been so available for criticism.
GREEK IV

Candidates will take the following papers:-
(1) Advanced prose or free composition in Greek or a comprehension test.
(2) A translation paper from unprepared prose authors.
(3) A translation paper from unprepared verse authors.
(4), (5), (6), (7) and (8) Five special studies, each prepared in one class per week throughout the year.
A wider choice of special studies may be offered at the Department's discretion to students with qualifications in Latin or Sanskrit.

N.B. Six hours instruction per week.

PROGRESSION TO DEGREE

Ordinary degree candidates will normally take three units in successive years—viz. Greek I, Greek IIA, Greek IIIA.

In order to qualify for entry to Greek IV, students shall normally have passed at high level all five subjects in Greek. Students lacking this qualification may be admitted to Greek IV subject to the approval of the head of Department.

N.B. No candidate shall take IIIA concurrently with IIB.

Third year students who have already passed Greek IIB who take IIIA alone shall substitute for the sections of IIIA they have already taken such parts of IIB as the Department shall direct.

LATIN I

Two alternative courses are offered, each requiring a similar standard of achievement by the end of first year. Both courses require 5 hours per week:
(a) Students without Higher School Certificate or equivalent shall take a course of intensive grammatical training, including the reading of two prescribed authors, one of elementary and one of normal first year standard, plus an hour a week on the Greek Background to Latin literature.
(b) Students with Higher School Certificate Latin or equivalent shall read three prescribed texts and study Latin prose and verse, together with the Greek background to Latin literature.

LATIN IIA

A course of 5 hours per week covering three prescribed authors, study of Latin prose, rapid reading of Virgil's Aeneid and a background course which shall consist of either Republican Literature and History (1975) or Imperial Literature and History (1974) in alternate years.

LATIN IIB

A course of three hours per week covering an extra author, more intensive study of prose and linguistic study of the Latin language.

N.B. Candidates taking both IIA and IIB concurrently will be excused the IIA prose class and will need 7 hours per week. They will also be excused the IIA Prose and Unseen Examination.

LATIN IIIA

Candidates will take the same course as the concurrent IIA plus IIB candidates—7 hours per week.

LATIN IIIB

The candidates will take a prescribed text, harder prose class and two of the special studies offered for Latin IV—4 hours per week.

N.B. Concurrent IIIA and IIIB candidates will be excused the prose and Latin language classes set down for IIIA. Their total load will be 10 hours per week.
Candidates will take the following papers:—
(1) Advanced prose or free composition in Latin or a comprehension test.
(2) A translation paper from unprepared prose authors.
(3) A translation paper from unprepared verse authors.
(4), (5), (6), (7) and (8).
Five special studies, each prepared in one class per week throughout the year.

N.B. Six hours instruction per week.

From 1974 some special subjects will offer a wider range of choice in the final examination to students able to read relevant texts in Greek.

From 1975 a wider range of special subjects will be offered to students who have passed Greek at first year level or above. These additional special subjects will not be offered to students who have not passed a subject in Greek before enrolling in Latin IV.

**PROGRESSION TO DEGREE**

Ordinary degree candidates will normally take three units in successive years—viz. Latin I, Latin IIA, Latin IIIA.

In order to qualify for entry to Latin IV students shall normally have passed at high level all five subjects in Latin. Students without this qualification may be admitted to Latin IV, subject to the approval of the head of department.

N.B. No candidate shall take IIIA concurrently with IIIB.

Third year students who have already passed Latin IIIB who take Latin IIIA alone shall substitute for those sections of IIIB/IIIA which they have already taken such parts of the IIIB subject as the department shall direct.

Students following the progression to Classics IV, outlined on a following page, shall take Latin IIIB in lieu of Latin IIIA.

**CLASSICAL CIVILISATION I**

A course of 4 lectures and 1 tutorial class per week. The syllabus comprises:—

(a) An outline of Greek and Roman history with special studies on 5th Century Greece, the late Roman Republic, and the Early Roman Empire, in the course of which the two major historians (Thucydides and Tacitus) will be discussed.

(b) A study of ancient literature, based on works in translation. This will be organized by genre: Epic, Tragedy, Comedy, Prose Fiction and Historiography.

(c) A survey of ancient thought, in particular Greek philosophy from the beginnings through Plato and Aristotle to the neo-Platonists. Short studies of Roman Law and Roman Religion will be included in this section.

Students will write two 2,000 word essays and at least three tutorial papers in the course of the year. Each essay will be worth 11% of the total assessment for the year while the two best tutorial papers will each count for up to 51%; and 11% will be decided on the students’ participation in class. 56% will be allotted to the one three hour examination paper at the end of the year.

More detailed information on the course will be contained in the Classics Department document issued to students on enrolment.

**CLASSICAL CIVILISATION II**

A course of four lectures and one tutorial class per week. The course consists of two strands:

A. Elementary Language work in either Greek or Latin, designed to bring the student to the point where he can understand use of it in learned discussion. (Two lectures a week and some language laboratory work). Students must perform satisfactorily in this part of the course to pass.

B. Consideration of various facets of ancient civilisation, working principally from translations (two lectures plus one tutorial per week), in seven sections:

- Literary Criticism
- Political Philosophy
- Historiography (two sections)
- Oratory
- Religion
- Ancient Science

The annual examination shall consist of a three hour paper in each strand. The result of the 3,000 word essay, the two best tutorial papers and the two best commentaries in tutorials shall count towards the final result equally with either examination paper.
Sanskrit I

A course of four hours per week.

Students will be required to master the basic grammar of the Sanskrit language, including the rules of consonant combination between words. Two prescribed authors will be read, the Nalopakhyanam and selections from the Rigveda. Students shall be able to translate these set texts, comment upon grammatical points in them and relate them to their background in Indian culture.

In the grammar paper students shall show knowledge of the common types of Sanskrit nouns and verbs as well as the Devanagari script. Translation of simple passages from English to Sanskrit and vice versa will also be required.

Honours Candidates in Classics

Students wishing to progress to Classics IV, a joint course in both Latin and Greek, shall take the following courses:

First Year
Latin I and Greek I and one or two other 1st year subjects.
N.B. Sanskrit I is recommended especially for students interested in studying the fundamental principles underlying the grammatical usage of Greek and Latin.

Second Year
Latin IIA, Latin IIB and Greek IIA.

Third Year
Latin IIB, Greek IIIA and Greek IIB.
N.B. IIIA in each subject is equivalent to IIA plus IIB and takes the same examinations, therefore it is sufficient for candidates to take Latin IIIB alone in their 3rd year as they have already reached the same standard of proficiency as Latin IIIA achieves during their 2nd year. They simply miss the advantage of reading three more texts of the same standard which are available to those taking honours in the one language alone. On the same principle in Greek IIIA, work in 3rd year enables the student to reach the level attained in 2nd year IIB work by pure Greek honours candidates. Candidates, in fact, will read slightly more books in Greek and do slightly more demanding composition in Latin over these three years.

Fourth Year
(1) Advanced prose or free composition in Greek.
(2) Advanced prose or free composition in Latin.
(3) A translation paper from unprepared Latin prose authors.
(4) A translation paper from unprepared Latin verse authors.
(5) A translation paper from unprepared Greek prose authors.
(6) A translation paper from unprepared Greek verse authors.
(7), (8), (9), (10) and (11) Five special studies, each prepared in one class a week throughout the year. At least one shall be a Greek topic and at least one a Latin topic and at least one shall be a combined topic.

N.B. Seven hours instruction per week.
## TEXT BOOKS FOR 1974

### GREEK

<table>
<thead>
<tr>
<th>Level</th>
<th>Author</th>
<th>Title</th>
<th>Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>IIIA</td>
<td>Hesiod</td>
<td>Works and Days</td>
<td>T. A. Sinclair (ed.) (Olms)</td>
</tr>
<tr>
<td></td>
<td>Aeschylus</td>
<td>Eumenides in Tragoediae</td>
<td>G. A. Davies (ed.) (O.C.T.)</td>
</tr>
<tr>
<td></td>
<td>Aristophanes</td>
<td>Clouds</td>
<td>K. J. Dover (ed.) (O.U.P.)</td>
</tr>
<tr>
<td></td>
<td>Sophocles</td>
<td>Philoctetes</td>
<td>T. B. L. Webster (ed.) (C.U.P.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Thucydides II</td>
<td>E. C. Marchant (ed.) (Macmillan)</td>
</tr>
<tr>
<td></td>
<td>Euripides</td>
<td>Iphigenia in Tauris</td>
<td>M. Platnauer (ed.) (O.U.P.)</td>
</tr>
<tr>
<td></td>
<td>Thucydides</td>
<td>Rise of the Athenian Empire</td>
<td>Colson (ed.) (Macmillan)</td>
</tr>
</tbody>
</table>

### LATIN

<table>
<thead>
<tr>
<th>Level</th>
<th>Author</th>
<th>Title</th>
<th>Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>IIA</td>
<td>Tacitus</td>
<td>Histories I-II</td>
<td>A. L. Irvine (ed.) (Methuen)</td>
</tr>
<tr>
<td></td>
<td>Horace</td>
<td>Satires in Opera</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Livy</td>
<td>Book XXI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ovid</td>
<td>Fasti I</td>
<td>H. Le Bonniec (ed.) (Erasme)</td>
</tr>
<tr>
<td></td>
<td>Vergil</td>
<td>Aeneid IV</td>
<td>R. G. Austin (ed.) (O.U.P.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Res Gestae Divi Augustae</td>
<td>P. A. Brunt &amp; J. M. Moore (eds.) (O.U.P.)</td>
</tr>
</tbody>
</table>

### Additional Books for Written Exercises

#### LATIN I & II

- Mountford, Bradley's Arnold Latin Prose Composition
- Cooper, C. G. An Introduction to the Latin Hexameter (M.U.P.)

### Additional Texts for Background Courses

#### LATIN II/III

- Salmon, E. T. A History of the Roman World (Methuen U.P.)
LATIN I

GREEK BACKGROUND

Greek Tragedies I
Greene & Latimore (eds.)
(Chicago U.P.)

Homer
Iliad
(Penguin)

Plato
Gorgias
(Penguin)

HISTORY

Forrest, W. G. The Emergence of Greek Democracy
OR (W.U.L.)

Kitto, H. D. F. The Greeks
(Penguin)

SANSKRIT

A Sanskrit Reader
C. R. Lanman (ed.)
(Harvard U.P.)

Sanskrit Grammar for Beginners
A. A. Macdonnell
(O.U.P.)

CLASSICAL CIVILISATION

CLASSICAL CIVILISATION I

A. HISTORY

Laistner, M. L. W. The Greek World 479-323 B.C.
(U.P.)

Scullard, H. H. From the Gracchi to Nero
(U.P.)

Tacitus
Annals
(Penguin)

Thucydides
Histories
(Penguin)

Recommended Additional Reading

Balsdon, J. P. V. D. Julius Caesar and Rome
(Penguin)

Brunt, P. A. Social Conflict in the Roman Republic
(Chatto & Windus)

Claster, J. N. (ed.) Athenian Democracy
(Holt, Rinehart & Winston)

Forrest, W. G. The Emergence of Greek Democracy
(W.U.L.)

Livy
The War with Hannibal
(Penguin)

Michell, H.
Sparta
(C.U.P.)

Syme, R.
The Roman Revolution
(O.U.P.)
### B. LITERATURE

<table>
<thead>
<tr>
<th>Author</th>
<th>Title and Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeschylus</td>
<td><em>I Oresteia</em> (Chicago U.P.)</td>
</tr>
<tr>
<td>Aristophanes</td>
<td><em>Frogs and Other Plays</em> (Penguin)</td>
</tr>
<tr>
<td>Euripides</td>
<td><em>Bacchae and Other Plays</em> (Penguin)</td>
</tr>
<tr>
<td>Homer</td>
<td><em>The Iliad</em> (Penguin)</td>
</tr>
<tr>
<td>Petronius</td>
<td><em>The Satyricon</em> (Penguin)</td>
</tr>
<tr>
<td>Plautus</td>
<td><em>Pot of Gold and Other Plays</em> (Penguin)</td>
</tr>
<tr>
<td>Seneca</td>
<td><em>Four Tragedies and Octavia</em> (Penguin)</td>
</tr>
<tr>
<td>Sophocles</td>
<td><em>I Three Plays</em> (Chicago U.P.)</td>
</tr>
<tr>
<td>Terence</td>
<td><em>Phormio and Other Plays</em> (Penguin)</td>
</tr>
<tr>
<td>Virgil</td>
<td><em>The Aeneid</em> (Penguin)</td>
</tr>
</tbody>
</table>

**Recommended Additional Reading**

- Baldry, H. C. *The Greek Tragic Theatre* (Chatto & Windus)
- Camps, W. A. *An Introduction to Virgil's Aeneid* (O.U.P.)
- Jones, J. *Aristotle on Greek Tragedy* (Oxford)

### C. ANCIENT THOUGHT AND LIFE

<table>
<thead>
<tr>
<th>Author</th>
<th>Title and Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aristotle</td>
<td><em>Ethics</em> (Penguin)</td>
</tr>
<tr>
<td>Guthrie, W. K. C.</td>
<td><em>The Greek Philosophers</em> (Methuen)</td>
</tr>
<tr>
<td>Ogilvie, R. M.</td>
<td><em>The Romans and their Gods</em> (Chatto &amp; Windus)</td>
</tr>
<tr>
<td>Plato</td>
<td><em>Gorgias</em> (Penguin)</td>
</tr>
<tr>
<td>Seneca</td>
<td><em>Letters from a Stoic</em> (Penguin)</td>
</tr>
</tbody>
</table>

### CLASSICAL CIVILISATION II

<table>
<thead>
<tr>
<th>Author</th>
<th>Title and Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aristotle, Longinus &amp; Horace</td>
<td><em>Classical Literary Criticism</em> (Penguin)</td>
</tr>
<tr>
<td>Aristotle</td>
<td><em>The Politics</em> (Penguin/Everyman)</td>
</tr>
<tr>
<td>Arrian</td>
<td><em>The Campaigns of Alexander</em> (Penguin)</td>
</tr>
<tr>
<td>Caesar</td>
<td><em>Gallic Wars</em> (Penguin/Mentor)</td>
</tr>
<tr>
<td>Cumont, F.</td>
<td><em>Oriental Religions in Roman Paganism</em> (Dover)</td>
</tr>
<tr>
<td>Euripides</td>
<td><em>Alcestis and Other Plays</em> (Penguin)</td>
</tr>
<tr>
<td>Farrington, B.</td>
<td><em>Science in Antiquity</em> (O.U.P.)</td>
</tr>
<tr>
<td>Herodotus</td>
<td><em>The Histories</em> (Penguin)</td>
</tr>
<tr>
<td>Livy</td>
<td><em>The War with Hannibal</em> (Penguin)</td>
</tr>
<tr>
<td>Plato</td>
<td><em>The Republic</em> (Penguin)</td>
</tr>
<tr>
<td>Sallust</td>
<td><em>The Juguritan War and the Catilinarian Conspiracy</em> (Penguin)</td>
</tr>
<tr>
<td>Tacitus</td>
<td><em>The Annals</em> (Penguin/Mentor)</td>
</tr>
<tr>
<td>Thucydides</td>
<td><em>The Peloponnesian War</em> (Penguin)</td>
</tr>
</tbody>
</table>

**Set Texts for Language Work**

#### LATIN


#### GREEK

- *First Steps in Greek* F. Ritchie (ed.)
- *Rise of the Athenian Empire* Colson (ed.)
The Economics units in the Arts degree are arranged rather differently from those in the Bachelor of Commerce degree. It is important that students show clearly on their enrolment form the Arts subject in which they wish to enrol followed by the title of each component of that subject. The subjects and their components are shown below.

Students following a major sequence in Economics will attempt Economics IIA, Economics IIIA, and Economics IIIA. However any student may also enrol in Economics IIB provided he has completed or is concurrently enrolled in Economics IIA. Similarly Economics IIB may be selected by students who have enrolled in or have passed Economics IIIA.

Students who intend to complete a major in Economics would be well advised to devise a programme which includes Geography, History, Psychology, or Mathematics. Those students who have a sound background in mathematics should note the possibilities for combining Mathematics and Economics units in the degree programme, while concentrating on aspects of quantitative economics.

Members of the staff of the Department will be available during the enrolment period to advise students on appropriate combinations of subjects, which will suit their requirements and interests.

Candidates for an honours degree in Economics are normally expected to enrol in Economic Statistics I and Economic Statistics II (or Statistical Analysis) at an appropriate stage of their course.

All candidates intending to select Economic Statistics II, Statistical Analysis or Econometrics as part of the second or third year Economics units are asked to note the prerequisite arrangements shown at the end of the following list of subjects.

ECONOMICS IIA
(i) Macroeconomics
(ii) Economic Statistics I

ECONOMICS IIB
(For students who are enrolled in Economics IIA or have already passed it)
TWO OF:
(i) Industry Economics
(ii) Labour Economics
(iii) Money and Banking (if not taken previously)
(iv) Economic Statistics II* (if not taken previously)
    OR
    Statistical Analysis* (if not taken previously)

ECONOMICS IIIA
(i) Growth and Development
(ii) Public Economics
(iii) International Economics
(iv) A candidate for an Honours degree in Economics who has passed only Economics I and IIA and is currently enrolled in Economics IIIA only may be required to take an additional subject prescribed by the Head of the Department of Economics.
(v) A candidate for the Honours degree may be required to take some additional work prescribed by the Head of the Department of Economics.

ECONOMICS IIIB
(For students who are enrolled in Economics IIIA or have already passed it)
TWO OF:
(i) Econometrics I*
(ii) Mathematical Economics
(iii) Theory of Economic Policy
(iv) History of Economic Thought
(v) Industry Economics
    OR
    Labour Economics
    OR
    Money and Banking
    if not taken previously

* See pages 110 and 111.

** See page 117.
Candidates for an Honours degree must have their selection of subjects approved by the Head of the Department of Economics.

**ECONOMICS IV — ADVANCED ECONOMIC ANALYSIS**

Students taking Economics IV in their B.A. Honours degree are offered a choice between alternative programmes.

(i) four major topics plus a thesis embodying results of a research investigation

OR

(ii) six major topics.

In 1974 the topics (or units) to be offered are:

- Microeconomic Theory (1 unit)
- Welfare Economics (4 units)
- Economic Planning (1 unit)
- Economic Development (1 unit)
- History of Modern Economic Thought (1 unit)
- Regional Economics (1 unit)
- Urban Economics (1 unit)
- Econometrics II (1 unit)
- Transport Economics (1 unit)
- Special Topic (Environmental Economics) (1 unit)

PLUS

- Econometrics I (1 unit)

(Where approved)

**ENTRY TO FINAL HONOURS SUBJECT**

The standard for entry to Economics IV will be determined finally by the Head of the Department of Economics, but the normal requirement will be passes at credit level in the second and third years.

**PREREQUISITE SUBJECTS**

1. Economic Statistics I is a prerequisite for Economic Statistics II and Statistical Analysis, except that candidates who have successfully completed Mathematics I and Economics I (including Applied Economics) may, with the permission of the Head of the Department of Economics, proceed directly to Economic Statistics II or Statistical Analysis.

2. Economic Statistics II or Statistical Analysis is a prerequisite for Econometrics I. Candidates who intend to select Econometrics I are advised to enrol in Statistical Analysis I in Economics IIA or IIB.

**TRANSFER SUBJECTS**

The transfer subjects in Economics are available only to those undergraduates who passed Economics I or Economics II at the Newcastle University College before the beginning of the 1963 academic year, or those candidates who have completed a subject or subjects in Economics from another University and are directed by the Admissions Committee to take these subjects.

**THE PROPER TITLE OF THE SUBJECT MUST BE SHOWN ON THE ENROLMENT FORMS AND OTHER STATEMENTS COMPLETED BY THE UNDERGRADUATE.**

**ECONOMICS IIAT**

(i) Microeconomics

(ii) Economic Statistics I (if that subject, or its equivalent, was not taken previously; otherwise, ONE OF:

   - (a) Economic Statistics II OR Statistical Analysis
   - (b) Money and Banking

(iii) Candidates for the Honours Degree may be required to take some additional work prescribed by the Head of the Department of Economics.

**ECONOMICS IIIBT**

Same as for Economics IIB.

**ECONOMICS IIIAT**

(i) Macroeconomics

(ii) Public Economics

(iii) International Economics

(iv) A candidate for an Honours degree in Economics may be required to take an additional subject as prescribed by the Head of the Department of Economics, if the candidate has passed Economics IIAT but not Economics IIIBT, and is currently enrolled in Economics IIIAT only.

**ECONOMICS IIIIBT**

Candidates can enrol in this unit only if they concurrently enrol in, or have already passed, Economics IIIAT.
TWO OF:

(i) Econometrics I
(ii) Mathematical Economics
(iii) Theory of Economic Policy
(iv) History of Economic Thought (only if Economics IIIAT has already been passed).
(v) Industry Economics OR Labour Economics OR Money and Banking (if not taken previously)
(vi) Growth and Development (only if Economics IIIAT has already been passed).
(vii) Economic Statistics II OR Statistical Analysis (if not taken previously).
(viii) Labour Relations (for which Labour Economics is a prerequisite).

Candidates for the Honours Degree must have their selection of subjects approved by the Head of the Department of Economics.

SUBJECTS

ECONOMIC HISTORY IA

Economic History IA is designed to introduce the first year student to the history of economic development on a worldwide scale. Basic economic theory and principles, historical and modern, are examined and utilised throughout the course. The first half of the year is largely concerned with an analysis of pre-industrial economies and societies, concentrating on the gradual change in Western Europe which culminated in the Industrial Revolution in Britain. The second half of the course deals with the impact of industrialisation on the international economy of the nineteenth century.

*Preliminary Reading
Cipolla, C. M. 
The Economic History of World Population
(Penguin 1970)

Gill, R. T. 
Economic Development: Past and Present
(Prentice-Hall 1967)

Heilbroner, R. L. 
The Making of Economic Society
(Prentice-Hall 1968)

*Reading Guide
Hohenburg, P. 
A Primer on the Economic History of Europe
(Random House 1968)

Hughes, J. E. T. 
Industrialization and Economic History
(McGraw-Hill 1970)

Landes, D. (ed.) 
The Rise of Capitalism
(Collier-Macmillan 1966)

Supple, B. E. (ed.) 
The Experience of Economic Growth
(Random House 1963)

* The purchase of one book from each group is recommended.

ECONOMICS IA

MICROECONOMICS

This subject deals with the theory of value and distribution. The course begins with a brief introductory account of the major problems of economics and the methods of economic analysis. It then reviews the theory of individual market demand. After an analysis of the production function and costs of production, it examines the theory of firms’ price and output policies in different market situations, paying attention to the results of both theoretical and empirical studies. The final section is concerned with the analysis of pricing and employment of factor services.

Preliminary Reading
Samuelson, P., Hancock, K. & Wallace, R. 
Economics
(Australian ed. McGraw-Hill, Australia)
This is an introductory course aimed at giving students an understanding of the more basic statistical methods used in business and economics. The course commences with an examination of the place of, and need for, statistics in a modern society and the collection, classification and presentation of statistical data. Methods of describing statistical data, including measures of central tendency and measures of dispersion are then dealt with.

Other topics include simple linear regression and correlation, the analysis of time series, including trend and seasonal variation and the computation of index numbers. There is also an introduction to the theory of probability and to sampling and sampling errors.

Provisions exists for in depth treatment by those students who seem likely to specialise in the statistics field.

* Recommended for purchase.
Reading Guide (continued)

Dernberg, T. F. & McDougall, D. M.  
*Macroeconomics  

Gensemer, B. & Shapiro, E.  
*Macroeconomic Analysis, A Student Workbook  
(Harcourt, Brace Jovanovitch Inc. 1970)

Keiser, N. F.  
*Macroeconomics  
(Random House 1971)

Keiser, N. F. (ed.)  
*Readings in Macroeconomics, Theory, Evidence and Policy  
(Prentice-Hall 1970)

Keynes, J. M.  
*General Theory of Employment, Interest and Money  
(Macmillan)

Mueller, M. G. (ed.)  
*Readings in Macroeconomics  
(2nd ed. Holt, Rinehart & Winston 1971)

*Nevile, J. W.  
*Fiscal Policy in Australia—Theory and Practice  
(Cheshire 1970)

*Shapiro, E.  
*Macroeconomic Analysis  
(2nd ed. Harcourt, Brace & World 1970)

Shapiro, E. (ed.)  
*Macroeconomics, Selected Readings  
(Harcourt, Brace & World 1970)

ECONOMIC STATISTICS II

This course is an introduction to classical statistical inference and to decision theory. In addition, non-parametric methods are examined. Topics considered are: probability, random variables and their distribution, sampling, estimation, hypothesis testing, analysis of variance, regression, decision theory and non-parametric techniques.

Reading Guide

Chao, L. L.  
*Statistics: Methods and Analyses  
(McGraw-Hill 1969)

*Hamburg, M.  
*Statistical Analysis for Decision Making  
(Harcourt, Brace & World International Ed. 1970)

Spiegel, M. R.  
*Theory and Problems of Statistics  
(Schaum Outline Series, McGraw-Hill)

Yamane, T.  
*Statistics: An Introductory Analysis  
(Harper & Row)

* Recommended for purchase.

STATISTICAL ANALYSIS

The first part of this course is concerned with elementary mathematical statistics. This section includes work on probability density functions and their application in statistical inference. In the second part of this course a study is made of the utilisation of Input-Output Analysis.

Preliminary Reading

Kazmier, L. J.  
*Statistical Analysis for Business and Economics  
(McGraw-Hill)

Shao, S. P.  
*Statistics for Business and Economics  
(Merrill)

Reading Guide

*Chao, L. L.  
*Statistics: Methods and Analyses  
(McGraw-Hill)

*Chiou-Shuang, Yan  
*Introduction to Input—Output Analysis  
(Rinehart & Winston)

Erricker, B. C.  
*Advanced General Statistics  
(English Universities Press)

Frank, Charles R. Jnr  
*Statistics and Econometrics  
(Holt, Rinehart & Winston)

Hoel, Paul G. & Jessen, Raymond J.  
*Basic Statistics for Business and Economics  
(Wiley, Student Ed.)

*Johnston, J.  
*Econometric Methods  
(2nd ed. McGraw-Hill 1972)

Leabo, Dick A.  
*Basic Statistics  
(4th ed. Irwin 1972)

L’Esperance, Wilford L.  
*Modern Statistics for Business and Economics  
(Macmillan)

Neter, John, Wasserman, William & Whitmore, G. A.  
*Fundamental Statistics for Business and Economics  

Turner, J. C.  
*Modern Applied Mathematics  
(English Universities Press)

Whitmore, G. A., Neter, John & Wasserman, William  
*Self-Correcting Problems in Statistics  
(Allyn & Bacon)

* Recommended for purchase.
MONEY AND BANKING

Major aspects of monetary theory, policy and institutions are studied. The following topics are among those considered: the demand for money; the relationship of the real and monetary sectors of the economy; the economics of domestic banking; central banking; techniques of monetary control; supply of money analysis; banking, financial institutions and monetary policy in Australia and other selected economies; international aspects of money, banking and finance.

Preliminary Reading

Morgan, E. Victor

A History of Money
(Pelican 1965)

Reading Guide

Bain, A. D.

The Control of the Money Supply
(Penguin 1970)

Gibson, W. E. & Kaufman, G. G. (eds.)

Monetary Economics — Readings on Current Issues
(McGraw-Hill 1971)

Johnson, A. G. and others

Readings in British Monetary Economics
(Oxford University Press 1972)

Runcie, N. (ed.)

Australian Monetary and Fiscal Policy
(University of London Press 1971)

*Stanford, Jon D.

Money, Banking and Economic Activity
(John Wiley 1973)

ECONOMICS II B

INDUSTRY ECONOMICS

This course is designed to deepen and broaden some microeconomic principles previously acquired and to provide application of these principles to the problems of industrial structure and organisation with particular reference to Australian industry. As such, some of the subjects dealt with would include: an extended analysis of the theory of the firm, including examination of firm objectives, corporate investment behaviour, the practicalities of investment rate of return forecasting, oligopoly pricing theories and practices, barriers to entry, limit pricing and reactions to potential entry, product differentiation and the economics of advertising, the rationale and control of market collusion and restrictive practices, the characteristics and impact of international corporation and demand cost and pricing policies in such other sectors as, for example, public enterprise and retailing.

* Recommended for purchase.

Reading Guide

Caves, R. E.

American Industry: Structure, Conduct, Performance
(2nd ed. Prentice Hall 1967)

Cohen, K. & Cyert, R.

Theory of the Firm
(Prentice Hall)

George, K. D.

Industrial Organization
(George Allen & Unwin 1971)

Mansfield, E.

The Economics of Technological Change
(Longman 1969)

Needham, D.

Economic Analysis and Industrial Structure
(Holt, Rinehart & Winston 1969)

Needham, D. (ed.)

Readings in the Economics of Industrial Organization
(Holt, Rinehart & Winston 1970)

Palda, K. S. (ed.)

Readings in Managerial Economics
(Prentice Hall 1971)

Rowley, C. K. (ed.)

Readings in Industrial Economics
Vols 1 and 2
(Macmillan 1972)

Scherer, F. M.

Industrial Market Structure and Economic Performance
(Rand McNally 1971)

LABOUR ECONOMICS

The course is concerned with the economic significance of labour as a factor of production. Areas to be studied include: the supply of labour; the nature and operation of labour markets and labour market policy; the determination of wage rates and wage structures; theoretical approaches to the question of income distribution; wage criteria and wage fixations in the context of arbitration; inflation and the wage-price issue; prices and income policies.

(Two hours lectures per week. In addition, students enrolled in the Faculty of Economics and Commerce will be required to attend a seminar of one hour per fortnight.)

Reading Guide

Cartter, A. M. & Marshall, F. R.

Labour Economics: Wages, Employment and Trade Unionism
(rev. ed. Irwin 1972)

Davidson, P.

Theories of Aggregate Income Distribution
(Rutgers U.P. 1960)

Fels, A.

The British Prices and Incomes Board
(Cambridge U.P. 1972)
ECONOMICS IIIA

GROWTH AND DEVELOPMENT

The first two terms of this course deal with the dynamics of fluctuations and growth in the framework of an advanced economy. A critical appraisal is undertaken of leading contributions in this field. Topics such as the production function, technical progress and various models of growth are dealt with in detail.

The third term will be devoted to an examination of some problems of economic growth in developing countries. This part of the course will involve a discussion of some simple models of economic development and will continue with reference to some case studies from countries in Asia.

* Recommended for purchase.

**Preliminary Reading**

*Eckstein, O.*  
*Public Finance*  
(Prentice-Hall)

*Allan, C. M.*  
*The Theory of Taxation*  
(Penguin)

*Buchanan, J. M.*  
*The Public Finances*  
(Irwin)
Preliminary Reading (cont.)

Houghton, R. W. (ed.)  *Public Finance*  
(Penguin)

Johansen, L.  *Public Economics*  
(North Holland)

*Nevile, J. W.*  *Fiscal Policy in Australia*  
(Cheshire)

Reder, M. W.  *Studies in Theoretical Welfare Economics*  
(Columbia)

Shoup, C. S.  *Public Finance*  
(Weidenfeld & Nicolson)

Turvey, R. (ed.)  *Public Enterprise*  
(Penguin)

Winch, D. M.  *Analytical Welfare Economics*  
(Penguin)

**INTERNATIONAL ECONOMICS**

The course begins with an analysis of balance of payments problems and of various policies of adjustment, such as internal expenditure changes, devaluation and revaluation, flexible exchange rates and direct controls. The course then considers certain theoretical aspects of international capital movements and the implications of Australia's capital inflow. It goes on to examine the present international monetary system and its reform. This is followed by a study of the theories of international trade in its non-monetary aspects. From the traditional analysis the theory is extended to examine such problems as the effect of economic growth on trade and the role of international trade in economic development. The theory of restrictions on trade is discussed with particular emphasis on the role of tariffs and of customs unions. The final section reviews Australia's changing pattern of foreign trade and capital movements and assesses relevant economic policies.

(2 hours per week)

**Reading Guide**

*Bhagwati, Jaydish* (ed.)  *International Trade*  
(Penguin Modern Economics Readings 1969)

*Cooper, Richard R.* (ed.)  *International Finance*  
(Penguin Modern Economics 1969)

*Caves, Richard E.* & *Johnson, Harry G.* (eds.)  *Readings in International Economics*  
(London, Allen & Unwin 1968)

*Caves, Richard E.* & *Jones, Ronald W.* (eds.)  *World Trade and Payments: An Introduction*  
(Boston, Little, Brown 1973)

* Recommended for purchase.

**Reading Guide (continued)**

Findlay, Ronald  *Trade and Specialisation*  
(Penguin Modern Economics 1970)

Heller, H. Robert  *International Trade: Theory and Empirical Evidence*  
(Englewood Cliffs, Prentice Hall 1968)

Kindleberger, Charles P.  *International Economics*  
(Homewood Ill., 4th ed. Irwin 1968)

*Kreinin, Mordechai E.*  *International Economics — A Policy Approach*  
(New York, Harcourt Brace 1971)

Snape, R. H.  *International Trade and the Australian Economy*  
(Croydon, Victoria Longmans 1969)

Södersten, Bo.  *International Economics*  
(London, Macmillan 1971)

Wells, S. J.  *International Economics*  

**ECONOMICS IIIB**

**ECONOMETRICS I**

A knowledge of matrix algebra and of the mathematical statistics dealt with in Statistical Analysis I is recommended for students attempting this course. The course is concerned with examining the usefulness of single equation regression analysis in applied economic research and also with providing an introduction to simultaneous estimation procedures.

**Reading Guide**

Fox, K. A.  *Intermediate Economic Statistics*  
(John Wiley & Sons)

Goldberger, A.  *Econometrics*  
(John Wiley & Sons)

Hadley, G.  *Linear Algebra*  
(Addison-Wesley)

Huang, G.  *Regression and Econometric Methods*  
(John Wiley & Sons)

*Johnston, J.*  *Econometric Methods*  
(2nd ed. McGraw-Hill 1972)

Kmenta, J.  *Elements of Econometrics*  
(Macmillan)

Wonnacott, R. J. & Wonnacott, T. H.  *Econometrics*  
(John Wiley & Sons)

* Recommended for purchase.
MATHEMATICAL ECONOMICS

The first part of the course is concerned with the mathematical reformulation and interpretation of traditional micro- and macro-economic theory. The second part of the course deals with modern capital and growth theory and mathematical programming.

The level of mathematics assumed in this course is the advisory prerequisite for the Faculty of Economics and Commerce—Second Level Short Course Mathematics, or its equivalent.

Reading Guide


Dernburg, Thomas F. & Dernburg, Judith D. *Macroeconomic Analysis: An Introduction to Comparative Statics and Dynamics* (Reading, Addison-Wesley 1969)

Gandolfo, Giancarlo *Mathematical Methods and Models in Economic Dynamics* (Amsterdam, North-Holland 1971)

Hadar, Josef *Mathematical Theory of Economic Behaviour* (Reading, Addison-Wesley 1971)


Puckett, R. H. *Introduction to Mathematical Economics* (Lexington, Heath 1971)

THEORY OF ECONOMIC POLICY

The first part of this course deals with the logic, design and implementation of economic policy. After a brief review of a priori welfare criteria and discussion of their applicability to the assessment of macro policy, several policy models are discussed, ranging from the simple satisfying type model to attempts to derive policy from a social welfare function. Case studies of macro policy will be discussed, with special reference to Australian problems.

The latter part of the course deals with the effects of government policy measures upon the efficient allocation of resources. Policies on education, research and development, on defence and on health services are among the topics which will be reviewed.

Reading Guide

Morley, S. A. *The Economics of Inflation* (The Dryden Press 1971)


HISTORY OF ECONOMIC THOUGHT

The course is designed to provide historical perspective and an integrating view of the subject matter of other courses in economic analysis. The following contributions to economic thought are examined—the Greek analysts, the early and later Scholastics, the Mercantilists, the Physiocrats, the Classicists (including Adam Smith, Malthus, Ricardo and J. S. Mill), the marginal utility theorists, the general equilibrium school and the Austrian school.

Reading Guide

Blaug, M. *Economic Theory in Retrospect* (Heinemann)

Heimann, E. *History of Economic Doctrines* (O.U.P.)

Lekachman, R. *A History of Economic Ideas* (Harper)

Oser, J. *The Evolution of Economic Thought* (Harcourt Brace)

Roll, E. *A History of Economic Thought* (Faber)

Schumpeter, J. A. *A History of Economic Analysis* (O.U.P.)

Spiegel, H. W. *The Growth of Economic Thought* (Prentice-Hall)

* Recommended for purchase.
LABOUR RELATIONS

In this course the institutional frameworks of Australian and a number of other industrial relations systems are examined. The interaction of economic and institutional factors in the labour sector is analysed. Particular emphasis is placed on an exploration of the nature of industrial conflict and on the study of conflict resolution.

The following topics are included: theories of organised labour; the history of trade unionism in Australia; the structure of the modern corporation and its implications for industrial relations; an international comparison of some national industrial relations systems with emphasis on goals, structure and methods of the parties involved and methods of rule determination in the work place; strike patterns in Australia; industry patterns of industrial relations in Australia.

Assessment in this subject will be based upon seminar work, a research assignment and one three hour paper.

(2 hours lectures per week and a seminar of 1½-2 hours each fortnight).

Reading Guide

Caiden, G. E. Public Employment Compulsory Arbitration in Australia (University of Michigan 1971)
Child, J. Unionism and the Labor Movement (Macmillan 1971)
Dunlop, J. T. Industrial Relations Systems (Southern Illinois U.P. 1971)
Howard, W. & Riach, P. Productivity Agreements and Australian Wage Determination (Wiley 1973)

* Recommended for purchase.

Reading Guide (continued)


ECONOMICS IV

MICROECONOMIC THEORY

Microeconomic theory is developed in this course with policy applications in mind. Topics include: recent advances in demand and production theory, equilibrium theories of markets and the correspondence principle, Pareto optimality, market failure including decreasing costs, uncertainty, second-best solutions, recent developments in oligopoly theory, an examination of variations in the quality of products and in product differentiation with market structure, resource allocation over time, implications of uncertainty and learning for economic behaviour and planning, economic and social mechanisms for adjusting to risk and their limitations, aspects of centralisation and decentralisation in economic systems, elements of ecological economics.

Reading Guide

No single text is suitable for the whole of this course and a full reading list will be supplied. Background texts of relevance include:

Becker, G. Economic Theory (Knopf 1971)
Brems, H. Quantitative Economic Theory (John Wiley & Sons Inc. 1968)
Intriligator, M. D. Mathematical Optimization and Economic Theory (Prentice-Hall 1971)
*Tisdell, C. Microeconomics: The Theory of Economic Allocation (John Wiley & Sons Australasia 1972)

* Recommended for purchase.
The overall purpose of this course is to develop an awareness of the limitations of basic economic theory in guiding policy which is aimed at improving the economic welfare of society. It begins with a critical appraisal of the conditions to be fulfilled if welfare is to be maximised and the consequences of the failure to meet the conditions. It then traces the development of criteria for welfare improvement and compensation tests, from Pareto and Pigou to the present. It concludes with an examination of the problems encountered in using known individual preferences to derive acceptable social choice rules. Throughout, the cultural roles of value judgments and interpersonal comparisons are stressed and illustrated.

Reading Guide
Arrow, K. J. 
*Social Choice and Individual Value*  
(Wiley 1951)

Arrow, K. J. & Scitovsky, T. 
*Readings in Welfare Economics*  
(Richard Irwin 1969)

Mishan, E. J. 
*Welfare Economics — Ten Introductory Essays*  
(2nd ed. Random House 1969)

Nath, S. K. 
*A Reappraisal of Welfare Economics*  
(Routledge & Kegan Paul 1969)

Winch, D. M. 
*Analytical Welfare Economics*  
(Penguin 1972)

ECONOMIC PLANNING  
(1 unit)

This course concerns itself with some of the more important problems attending the adoption and implementation of economic planning at the national level. After an introductory exposition of general equilibrium systems, the conditions of "economic efficiency" are examined against the background of various incidences of departure from competitive equilibrium, e.g., non-market interdependence, externalities and the inevitability of second-best solutions. This is followed by an analysis of the logic and scope of economic planning and a general review of planning models, e.g., the Harrod-Domar model; the Mahalanobis Two-Sector and Four-Sector models; the von Neumann model; the open, static Leontief model and the closed, dynamic model; Lange's "competitive socialist" model and the centralist-socialist model; Frisch's decision models; Tinbergen's planning by stages; and the limited scope Chenery-Type "resource programming" model for underdeveloped economies. Required student participation takes the form of case studies for discussion in scheduled seminar sessions.

Reading Guide
Barna, T. (ed.)  
*Structural Interdependence and Economic Development*  
(Macmillan & Co. Ltd. 1967)

Brody, A.  
*Proportions, Prices and Planning*  
(North Holland Publishing Co. 1970)

Cameron, B.  
*Input-Output Analysis and Resource Allocation*  
(Cambridge University Press 1968)

Chakravarty, S.  
*The Logic of Investment Planning*  
(North Holland Publishing Co. 1968)

Cohen, S. S.  
*Modern Capitalist Planning: The French Model*  
(Weidenfeld & Nicolson 1969)

Fox, K. A., Sengupta, J. K. & Thorbecke, E.  
*The Theory of Quantitative Economic Policy*  
(North Holland Publishing Co. 1966)

Halm, G. N.  
*Economic Systems: A Comparative Analysis*  
(Holt, Rinehart & Winston, 3rd ed. 1968)

Kohler, H.  
*Welfare and Planning: An Analysis of Capitalism versus Socialism*  
(John Wiley & Sons Inc. 1966)

Lange, O. & Taylor F. M.  
*On the Economic Theory of Socialism*  
(McGraw-Hill Book Co. 1964)

ECONOMIC DEVELOPMENT  
(1 unit)

The course commences with an examination of some of the economic and social features of the less developed countries. The relative importance of the major industrial sectors, distribution of the labour force and importance of the export sector are among features examined with reference to data from a number of these countries. Some theoretical models are then introduced and appraised, including those by Fei and Ranis, Rostow and Lewis.

This is followed by a more detailed look at policies and institutions within individual sectors such as agriculture, industry and the export sectors, using examples from particular less developed countries, mainly within South Asia and in the light of the theoretical concepts developed earlier.

Finally some recent issues in the field will be discussed including the effect of foreign aid on economic development, the role of the public sector and the feasibility of economic co-operation between the less developed countries.
Reading Guide

Bauer, P. T. & Yamey, B. S.
*The Economics of Underdeveloped Countries*
(Cambridge University Press 1973)

Enke, S.
*Economics for Development*
(Dobson Books 1972)

Hagen, E. E.
*The Economics of Development*
(Irwin 1968)

Livingstone, I. (ed.)
*Economic Policy for Development*
(Penguin 1971)

*Meier, G. M. (ed.)*
*Leading Issues in Economic Development*
(Oxford University Press 1970)

Morgan, T. & Betz, G. W. (eds.)
*Economic Development — Readings in Theory and Practice*
(Wadsworth 1970)

Theberge, J. (ed.)
*The Economics of Trade and Development*
(Wiley 1968)

**HISTORY OF MODERN ECONOMIC THOUGHT**

(½ unit)

The significance of contemporary economic analysis cannot be appreciated fully without an awareness of the thought of earlier economists. Such awareness provides perspective for judgment of the strengths and weaknesses of the analytical tools and techniques fashionable in currently orthodox economics.

This course offers a perspective based on consideration of economic thought in the decades immediately preceding “the Keynesian revolution,” the popularisation of econometrics and other notable developments. The period dealt with ranges from 1890 to the mid 1930s.

Special attention is paid to British economic thought from Alfred Marshall to John Maynard Keynes and to American economic thought from John Bates Clark to Wesley C. Mitchell. Leading Continental contributions are also considered.

* Recommended for purchase.
This course provides a survey of the economic issues arising within the particular framework of the urban or metropolitan environment. The course includes discussion of the following topics: the relation of cities to the national and regional economy; the interrelation of cities in urban networks; central place theory and location analysis; housing and land use theory; urban economic development and growth; techniques of urban analysis; urban sociology; urban planning, public policy and welfare.

Reading Guide
Dickinson, R. E. *Edel & RoTHENburg Fisher Hauser & Schnore Hoover, E. Isard, Walter Mayer & Kohn Perloff & Wingo
City and Region (Routledge & Kegan Paul)
Readings in Urban Economics (Macmillan)
The Metropolis in Modern Life (Russell & Russell)
The Study of Urbanization (John Wiley & Sons)
The Location of Economic Activities (McGraw-Hill)
Location and Space Economy (John Wiley & Sons)
Readings in Urban Geography (University of Chicago Press)
Issues in Urban Economics (Johns Hopkins University Press)

ECONOMETRICS II
This course is basically a continuation of Econometrics I, with its prime interest being on the problems involved in econometric model building and simultaneous estimation. Each student enrolling will be expected to complete a piece of applied econometric research.

Reading Guide
Brown, T. M. Christ, C. F. Dhrymes, P. Hood, W. C. & Koopmans, T. C.
Specification and Use of Econometric Models (Macmillan)
Econometric Models and Methods (John Wiley & Sons)
Econometrics, Statistical Foundations and Applications (Harper & Row)
Studies in Econometric Method (John Wiley & Sons)

* Recommended for purchase.

TRANSPORT ECONOMICS
The course will consist of two parts:
(a) an economic survey of British transportation from the seventeenth to the twentieth century and
(b) a closer examination of some problems posed by the widespread use of the automobile from both an historical and an analytical point of view.

Among some of the topics discussed are the following: changing technology in transportation; transportation and suburbanisation; the railway contribution to economic growth; urban transportation and social divisions; alternative explanations for traffic congestion; the role of public transport in the reduction of traffic congestion; transportation systems and governmental ownership; comparative costs and the value of motorways.

Reading Guide
Barker, T. C. & Robbins, M. A.
* Dyos, H. J. & Aldcroft, D. H.
Fogel, F. W.
Hawke, G. R.
Winch, D. M.

A History of London Transport Vol. I (George Allen & Unwin)
British Transport (Leicester University Press)
Railroads and American Economic Growth (Johns Hopkins University)
Railways and Economic Growth in England and Wales 1840-1870 (Oxford University Press)
The Economics of Highway Planning (University of Toronto Press)

SPECIAL TOPIC
In each year it is intended to offer a Special Topic which will be a half-year course operating in the second half of the academic year. In 1974 the Special Topic will be Environmental Economics.

A reading guide will be provided at a later date.

* Recommended for purchase.
DEPARTMENT OF EDUCATION

GENERAL

The Department offers subjects at the Part II (Education II), Part III (Education IIIA and IIIB) and Part IV (Honours) level for the B.A. degree. At the postgraduate level courses are provided leading to the Diploma in Education and the degree of Master of Education.

There is no specific subject prerequisite for Education II but before admission to this subject a student must have obtained passes in at least three other subjects, except that on the recommendation of the Head of the Department of Education this requirement may be reduced in special circumstances.

Students intending to study Education IIIA are advised to take Psychology I.

Education IIIB may be taken only by students who have completed or are concurrently enrolled in Education IIIA.

A candidate intending to seek admission to Education IV (Honours) should make initial application to the Head of the Department after the completion of Education II, and obtain approval for his subsequent degree programme. Final acceptance as a candidate for honours will depend on meritorious performance in Education II, Education IIIA and supporting subjects. A candidate must have completed Education IIIA and one other approved Part III subject which may be Education IIIB.

In general, each of the undergraduate subjects will be examined by two written papers and there will be a number of exercises and essays throughout the year which will contribute to the final assessment.

EDUCATION II

(3 hours lectures, 1 hour tutorial)

An introduction to education as a function of society. The course will include a study of the history of education in Western Europe and major philosophical contributions, and an examination of the relations between society and education in England, the United States of America, Australia, and other selected countries.

Textbooks

(a) INTRODUCTION TO EDUCATIONAL CONCEPTS

Schofield, H. *The Philosophy of Education*


(b) SOCIOLOGY OF EDUCATION

Musgrave, P. W. *The Sociology of Education*

(2nd ed.) (London, Methuen 1972)

OR

Cosin, B. R. et al (eds.) *School and Society*

(London, Routledge & Kegan Paul 1971)

(c) HISTORY OF WESTERN EDUCATION

Boyd, W. *The History of Western Education*

(London, A. & C. Black 1964)

OR

Power, E. J. *Main Currents in the History of Education*


Burridge, T. D. *What Happened in Education*

(Boston, Allyn & Bacon 1970)

(d) COMPARATIVE ASPECTS OF EDUCATION

Vaizey, J. *Education in the Modern World*

(London, Weidenfield & Nicolson 1967)

Baron, G. *Society, Schools and Progress in England*

(Oxford, Pergamon Press 1965)

King, E. J. *Society, Schools and Progress in the U.S.A.*

(Oxford, Pergamon Press 1965)

Partridge, P. H. *Society, Schools and Progress in Australia*

(Oxford, Pergamon Press 1968)

EDUCATION IIIA

(4 hours per week)

Students are required to take unit (a) in Educational Psychology and any one of the remaining three units (b-d).

(a) EDUCATIONAL PSYCHOLOGY

(2 hours per week)

The implications of psychological theories, principles and findings for the process of education, and the application of psychological methods to educational problems. The course is divided into three major areas: the application of the principles of learning to school settings, cognitive development and the social psychology of education.

Students who have not completed Psychology I will be required to complete a course of preliminary reading during the vacation.
Textbooks
Anderson, R. C. & Faust, G. W.
Elkin, F. & Handel G.
Farnham-Diggory, S.

Educational Psychology: The Science of Instruction and Learning
(New York, Dodd & Mead 1973)
The Child and Society: The Process of Socialization (3rd ed.)
(New York, Random House 1972)
Cognitive Processes in Education
(New York, Harper & Row 1972)

(b) RESEARCH METHODOLOGY IN EDUCATION
The course will have two strands, one giving a basic account of relevant types of research, source material and associated strategies; the other will cover measurement and evaluation of learning, including test construction, descriptive and inferential statistics, and elementary experimental design. (It will be assumed that students have done a basic course in elementary statistics before entering on this course. Students who have not completed an elementary course in statistics should contact the Department with a view to undertaking a course of preliminary reading during the vacation).

Textbooks
Guilford, J. P. & Fruchter, B.
Van Dalen, D. B.

Fundamental Statistics in Psychology and Education (5th ed.)
(New York, McGraw-Hill 1973)
Understanding Educational Research (3rd ed.)
(New York, McGraw-Hill 1973)

(c) PHILOSOPHY OF EDUCATION
(2 hours per week)
An examination of the following topics against the background of contemporary educational thought and controversy — educational aims and objectives; knowledge, “subjects” and subject matter; justification of educational policies and practices; the idea of a curriculum; freedom and authority in educational institutions.

Textbook
Martin, J. R.

Readings in the Philosophy of Education: A Study of Curriculum
(Boston, Allyn & Bacon 1970)

(d) HISTORY OF AUSTRALIAN EDUCATION
(2 hours per week)
This course, which may not be available in 1974, examines developments in education in the six Australian states mainly since 1880. Some topics treat developments in particular states, others survey Australia-wide educational movements.

Textbook
Cleverley, J. F. & Lawry, J. R. (eds.)

Education in Australia in the Twentieth Century
(Melbourne, Longmans 1972)
DIPLOMA IN EDUCATION

GENERAL

The course for the Diploma in Education offered by the University requires one year full-time study but part-time students may be admitted. No evening classes will be offered.

Before admission to the course a student must satisfy the general requirements as set out on page 79 of this Handbook and the prerequisite specified for one curriculum and method study from the following:

<table>
<thead>
<tr>
<th>English</th>
<th>Commerce/Economics</th>
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<tbody>
<tr>
<td>History</td>
<td>Social Science</td>
</tr>
<tr>
<td>Modern Languages</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Classics</td>
<td>Science</td>
</tr>
<tr>
<td>Geography</td>
<td>Infants/Primary</td>
</tr>
</tbody>
</table>

Each student will be required to select one of these subjects.

The prerequisite for each curriculum and method study is the satisfactory completion of the subject indicated, viz.:

(a) English — English IIIA
(b) History — History IIIA or IIIB
(c) Modern Languages — French IIIA or German IIIA
(d) Classics — Latin IIIA or Greek IIIA
(e) Geography — Geography IIIA
(f) Commerce/Economics — Economics IIIA or B.Com. (Economics stream)
(g) Social Science — One of Economics IIIA, Geography IIIA, Geography IIIB, History IIIA, History IIIB, Psychology IIIA; and two subjects in another one of these disciplines.
(h) Mathematics — Mathematics IIIA
(i) Science — A major sequence in one of: Chemistry, Geology, Physics, Biological Sciences; a minor sequence in another one of these four disciplines or Mathematics; and a Group One subject not already included in the major or minor sequence chosen from one of these five disciplines.
(j) Infants/Primary — Psychology IIIA.

These prerequisites are stated in terms of subjects of the University of Newcastle. Some departure from these prerequisites will be allowed in 1974 for students who have not been able to plan their courses to meet the requirements. Applicants from other universities whose subjects are deemed to provide an adequate basis for study of specific Curriculum and Method Subjects may be admitted by the Dean on the recommendation of the Head of the Department of Education.

PRE-TERM PRACTICE

All students intending to enrol in the course are expected to undertake a period of practice teaching (two weeks) during February. Arrangements for this should be made through the office of the Department before 30th November of the year previous to enrolment in the course. Students who anticipate difficulty in meeting this requirement should discuss the matter with the Head of the Department.

SUBJECTS OF THE COURSE

(a) Core Subjects

EDUCATION A

(3 lecture hours per week; 1 tutorial; in Term 1)

An introduction to the literature of education, particularly in the field of basic ideas and theories, with a view to gaining some understanding of the personal and social implications of education. Emphasis will be laid on the inter-relation of philosophical, psychological and sociological considerations to provide a rational basis for educational practice.

Advice on texts and references will be made available in lectures.

EDUCATION B

(3 lecture hours per week; 1 tutorial; in Term 3)

This subject is intended to introduce the student to the study of Australian education systems, and more particularly the New South Wales system. It is organized on the basis of the study of problems or topics to be treated by means of lectures, assigned reading and seminars.

Advice on texts and references will be made available in lectures.

(b) First Term Electives

(3 lecture hours; 1 tutorial)

Each student is to select one subject from those offered. This selection will be made at a special meeting of Diploma in Education students at the beginning of the year. It is anticipated that the following subjects will be offered in 1974:

1. Educational Measurement;
2. Educational Sociology;
3. Child Development;
4. The Education of the Atypical Child.

(c) Third Term Electives

(3 lecture hours; 1 tutorial)

Each student is to select one subject from those offered. It is anticipated that the following subjects will be offered in 1974:

1. Australian Society;
2. Role Theory and Institutionalization;
3. Moral Development;
4. Audio-visual Technology in the Classroom.
(d) Curriculum and Method Subjects
(One subject from the list given above, each 3 lecture hours and 1 tutorial per week, plus demonstration lessons as arranged)

Textbooks

(a) ENGLISH
Wilkinson, A. (ed.)
Leech, G. N.
Doughty, P., Pearce, J. & Thornton, G.
Language in Use. Schools Council Programme in Linguistics & English Teaching (London, Edward Arnold 1971) (Tape accompanying Language in Use is available)
Doughty, P., Pearce, J. & Thornton, G.
Exploring Language (London, Edward Arnold 1972)
Powell, B.
English Through Poetry Writing (Sydney, Novak 1967)
Powell, B.
Making Poetry (Ontario, Collier-Macmillan Canada Ltd., Don Mills 1973)

(b) MODERN LANGUAGES
Halliday, M. A. K., McIntosh, A. & Strevens, P.
The Linguistic Sciences and Language Teaching (Longmans 1968)
Mackey, W. F.
Language Teaching Analysis (Longmans 1969)

(c) HISTORY
Burston, W. H.
Principles of History Teaching (London, Methuen 1972)
Carr, E. H.
What is History? (Harmondsworth, Penguin 1964)
Walsh, R. D. & Little, N.A. (eds.)
Ways We Teach History (Sydney, History Teachers' Assoc. 1971)

(d) GEOGRAPHY
Bacon, P. (ed.)

Biddle, D. S. (ed.)
Readings in Geographical Education (Vols. I & II) (Sydney, Whitcombe & Tombs 1968 & 1972)
Biddle, D. S. & Shortle, D. (eds.)
Programme Planning in Geography (Sydney, Martindale 1965)
Graves, N. (ed.)
New Movements in the Study and Teaching of Geography (Melbourne, Cheshire 1972)
Graves, J. J.
Geography in Secondary Education (Sheffield, The Geographical Association 1972)
Kurfman, D. G. (ed.)

(e) MATHEMATICS
Bassler, O. C. & Kolb, J. R.
Learning to Teach Secondary School Mathematics (Scranton, International Textbook Coy 1971)
Aichele, D. B. & Reys, R. E. (eds.)
Readings in Secondary School Mathematics (Boston, Prindle, Weber Schmidt 1971)
Payne, D. A.
The Specification and Measurement of Learning Outcomes (Waltham (Mass.), Blaisdell 1968)
Biggs, J. B.
Information and Human Learning (Melbourne, Cassell Australia 1968)
Gnagey, W. J.
The Psychology of Discipline in the Classroom (N.Y., The Macmillan Coy. 1964)
Skemp, R. R.
(f) SOCIAL SCIENCE
Dufty, D. G. (ed.)
Fenton, E.
Hunt, F. J. (ed.)
Krug, M. M., Poster, J. B. & Giles, W. B.
Lewis, J. A. & McNaughton, A. H.
Metcalfe, L. E. (ed.)
Morrissett, I. & Stevens, W. W.
Ord, J. E.
Partridge, P. H., Connell, W. F. & Cotten, S. W.

Social Science and the School Curriculum
(Sydney, Angus & Robertson 1971)
The New Social Studies: Analysis of Theory and Materials
(Itasca, Peacock Publishers 1970)
Social Studies Monographs Nos. 1-6
(H. K. Heinemann (N.Z.) 1971)
Social Science in the Schools: A Search for Rationale
(N.Y., Holt, Rinehart & Winston 1971)
Elementary School Social Studies for Today's Children
(N.Y., Harper & Row 1972)
Social Science in the Secondary School
(Sydney, Ian Novak 1969)

(g) COMMERCE/ECONOMICS (cont.)
Knopf, K. A. & Strauss, J. H. (eds.)
The Teaching of Elementary Economics
(N.Y., Holt, Rinehart & Winston 1960)
Lee, N. (ed.)
Teaching Economics
(Sutton, Economics Assoc. of U.K. 1967)
Lumsden, K. G. (ed.)
New Developments in the Teaching of Economics
(Englewood Cliffs, Prentice Hall 1967)
Lumsden, K. G. (ed.)
Recent Research in Economics Education
(Englewood Cliffs, Prentice Hall 1970)
Sandford, C. M. & Bradbury, M. S.
Case Studies in Economics: Projects and Role Playing in Teaching Economics
(Suffolk, Macmillan 1971)
Traill, R. D., Logan, L. M.
Teaching the Social Sciences: A Creative Direction
(Adelaide, McGraw Hill 1972)

(h) INFANTS/PRIMARY
Renwick, A., & Renwick, I.
Programming Composition for Infant Grades
(Newtex 1964)
Williams, E., & Shuard, H.
Primary Mathematics Today
(Longmans 1971)

(i) PRACTICE TEACHING
The course provides for six weeks of practical experience in schools during second term. The course for second term will include Curriculum and Method Studies and a programme of lectures, discussions and workshops on selected topics related to professional practice.
The programme for the degree of Master of Education combines course work and an investigation, directed towards the development of professional competence in some field of educational practice.

Before admission to the programme, a student must satisfy the general requirements as set out on page 81 of the Handbook.

The course is available to full-time and part-time students; it may be completed in two years by full-time study or between three and five years by part-time study.

In general part-time students undertake two seminar courses (each requiring two hours per week attendance) in the first year, followed by two further seminar courses and an investigation over the next two or three years. Seminar courses are usually held in the evening. Course outlines and reading lists will be made available at the beginning of each year. It is expected that the following courses will be offered in 1974.

| Educational Research Methodology* |
| Contemporary Educational Psychology* |
| The Psychology of Schooling |
| Remedial Education |
| Curriculum Development |
| Teacher Education |
| Psychology and Sociology of Adolescence |
| Early Childhood Education |
| Philosophy of Education |

* These two units are generally taken in the first year by students entering the course.

Other courses which may be offered in 1974 are:

- Science Education
- Mathematics Education
- Social Science Education
- Geography Education
- Modern Language Education
- The Atypical Child
- Programmed Instruction

Additional courses are added to meet the needs of individual students. As far as possible a programme is planned around the special interests of each student.

### SCHEDULE OF ENGLISH COURSES

| I/A | IIIA (1974 only) Shakespeare's Comedies & Tragedies |
| IIB | IIIA (1975 onwards) English Literature 1580-1660 |
| IIC | IIIA (1975 onwards) English Literature 1660-1820 |
| IVA (Language) | IIIA (1975 onwards) Shakespeare's Poetry & Prose |
| IVB (Language) | IIIA (1975 onwards) C.18 English Literature 1820-1945 |
| IVB (1974 only) | IIIA (1974 only) C.18 Poetry (Donne - Milton) |
| IVB (1975 onwards) | IIIA (1975 onwards) C.19 English Literature 1580-1660 |
| IVC (1974 only) | IIIA (1974 only) C.19 Poetry (Johnson) |
| IVD (1975 onwards) | IIIA (1975 onwards) C.19 Special Studies |
| IV E | IIIA (1975 onwards) American Literature |
| IV F | IIIA (1975 onwards) Australian Literature |
| IV G | IIIA (1975 onwards) Modern English Language |
| IV H | IIIA (1975 onwards) Early English Language & Literature |

138-139
DEPARTMENT OF ENGLISH

GENERAL

The courses offered by the Department comprise English I, English IIA, English IIB, English IIC, English IIIA, English IIIB, English IIIIC, and English IV. The “A” courses, together with the literature sections of English I, are designed to provide a survey of English Literature, from Shakespeare to the present. The main emphasis is placed on critical analysis of the texts, within the perspective of the literary genres and historical periods to which they belong. English IIB covers later medieval literature and Renaissance literature to 1660. English IIIB (1974 only) covers poetry from Milton to Johnson, and literature of the nineteenth and twentieth centuries. English IIC examines structure and usage in the English language of the modern period. English IIIIC (1974 only) comprises a study of Middle English language and literature and Modern English language, together with a strand selected from English IIIB. In English IV at present the Literature courses are divided between Renaissance Literature and Modern Literature, and the Language courses are in the main a continuation of those in English IIC and IIIC. Pass students majoring in English must read English I, English IIA, and English IIIA, and may read, in addition, any two other courses in English, subject to pre- or corequisites. English IIA is a pre- or corequisite for English IIIB and English IIIIC. For 1974 only English IIC is a prerequisite for English IIIIC. From 1975 onwards English IIB will be a prerequisite for English IIIIC (i.e., candidates for English IIIIC in 1975 must read English IIB in 1974). Special approval by the Head of the Department is required for entry into English IIB unless the candidate has reached Credit level in English I or Pass level in English IIA.

Students wishing to take an Honours Degree in English must read English IV. In order to qualify for entry to English IV, a student must normally have, either, (a) passed at Credit level or better in English IIIA or IIB or IIIC and passed in four other units of English, or, (b) passed in the major sequence of English (English I, English IIA and English IIC) and in a major sequence of another subject. Students will be accepted into English IV under (b) only at the discretion of the Head of Department.

Intending students of English IV should note that this is a full-time course. Part-time students may read English IV, but will normally be required to study it in two halves, over a period of two years.

N.B. 1974-1975 is a transitional period for courses in English. Students are referred to the Schedule of English Courses (see previous page) for further details.

ENGLISH I (2 hours lectures, 1 hour tutorial per week)

CONTEMPORARY DRAMA AND FILM

Brecht
Beckett
Osborne
Pinter
Arden
Stoppard
Nichols
Chilton and the Theatre Workshop
Heller
Kopit
Albee et al.
Stephenson & Debrinc (eds.)

Parables for the Theatre
Endgame
Look Back in Anger
The Birthday Party
Serjeant Musgrave's Dance
Rosencrantz and Guildenstern are Dead
Forget-me-not Lane
Oh What a Lovely War
We Bombed in New Haven
Indians
New American Drama
The Cinema as Art

Brecht (Faber)
Brecht (Faber)
Brecht (Faber)
Methuen
Methuen
Faber
Methuen
Penguin
Penguin
Penguin
Penguin
Penguin

The film segment of this course will involve study of a series of films to be screened by the Department in the course of the year.

CONTEMPORARY NOVEL

Barth
Cary
Ellison
Golding

The Sot-Weed Factor
The Horse's Mouth
The Invisible Man
Lord of the Flies

Panther
Penguin
Penguin
Faber

The Cinema as Art

Penguin

The film segment of this course will involve study of a series of films to be screened by the Department in the course of the year.

The film segment of this course will involve study of a series of films to be screened by the Department in the course of the year.
There will be a wide range of choice in essay topics on the contemporary novel and suggested reading for those topics. In 1974 the Peake and Updike novels will not be lectured on or examined but may be used for essay texts by those students who are interested in the relevant topics, or who find it difficult to obtain other suggested texts.

CONTEMPORARY POETRY

Dylan Thomas Poems (Everyman)
Wright Selected Poems (Angus & Robertson)
Lowell Selected Poems 1938-1964 (Faber)
Hughes Crow (Faber)
Plath Ariel (Faber)
Alvarez The New Poetry (Penguin)

MODERN LANGUAGE

This course will be concerned with two main areas of study:
(i) some characteristics of spoken language, including a brief introduction to certain features of Australian speech;
(ii) cohesive links between sentences, especially the role played by lexical sets (sets of semantically related words).

Texts
Abercrombie, D. Elements of General Phonetics (Edinburgh U.P. 1967)
ENGLISH IIB (2 hours lectures, 1 hour tutorial per week)

CHAUCER AND OTHER LATE MEDIEVAL ENGLISH LITERATURE

Chaucer
- Works ed. Robinson
  (Oxford U.P.)

Cawley (ed.)
- Everyman and Medieval Miracle Plays
  (Everyman)

Davies (ed.)
- Medieval English Lyrics
  (Faber paperback)

Brewer (ed.)
- Malory: The Morte Darthur
  (Arnold paperback)

ENGLISH LITERATURE 1500-1660

Bullett (ed.)
- Silver Poets of the Sixteenth Century
  (Everyman)

Spenser
- Poetry
  (Norton)

Kyd
- The Spanish Tragedy
  (Benn)

Marlowe
- Plays
  (Meridian)

Shakespeare
- Sonnets
  (Signet)
- Richard III
  (Signet)
- Richard II
  (Signet)
- Henry IV, Part 1
  (Signet)
- Henry IV, Part 2
  (Signet)
- Henry V
  (Signet)

Chapman
- Bussy D'Ambois
  (Benn)

Salgado, G. (ed.)
- Three Jacobean Tragedies
  (Penguin)

Jonson
- Five Plays
  (World's Classics)
- Poems
  (Muses' Library)

Beaumont & Fletcher
- Select Plays
  (Everyman)

Webster & Ford
- Selected Plays
  (Everyman)

Ferry (ed.)
- Seventeenth Century English Minor Poets
  (Laurel)

Gardner (ed.)
- The Metaphysical Poets
  (Penguin)

Donne
- Poems
  (Norton)

Marvell
- Poems
  (Signet)

N.B. ENGLISH IIB is a prerequisite for ENGLISH IIC (1975 onwards).
ENGLISH IIIC (2 hours lectures, 1 hour tutorial per week)

MODERN ENGLISH LANGUAGE

MODERN ENGLISH VARIETY AND USAGE
A study of factors affecting our use of English. Topics discussed will include formal and informal language, the influence of medium, of topic (language of propaganda, law, fashion, etc.), and of normative ideals.

MODERN ENGLISH STRUCTURE
(i) Syntax. The main topic in this section will be the different ways of referring to time provided by the English verb system. Some attention will also be given to such topics as adverbs and verb-noun relationships.
(ii) Phonology and Lexis. This section follows on from the English I Language course, and provides opportunity for a fuller investigation of Australian speech (phonology), and lexical cohesion (lexis).

Texts
Crystal, D. & Davy, D. Investigating English Style
(Longmans 1969)
Leech, G. N. Meaning and the English Verb
(Longmans 1971)
Mitchell, A. G. & Delbridge, A. The Pronunciation of English in Australia
(revised ed.)
(Angus & Robertson 1969)

Recommended Reading
Sledd, J. & Ebbitt, W. R. Dictionaries and THAT Dictionary
(Scott-Foresman 1962)
Turner, G. W. The English Language in Australia and New Zealand
(Longmans 1966)

N.B. Students intending to enrol in ENGLISH IIIC in 1975 are warned that ENGLISH IIIB, not ENGLISH IIIC, is the prerequisite for that subject.

ENGLISH IIIA, 1974 ONLY (2 hours lectures, 1 hour tutorial per week)

JACOBEEAN AND RESTORATION COMEDY
Jonson Five Plays
(World’s Classics)
Marston The Dutch Courtesan
(Edward Arnold)
Beaumont and Fletcher Select Plays
(Everyman)
Etherege The Man of Mode
(Edward Arnold, Regents Restoration Drama Series)
Wycherley Complete Plays
(Anchor Doubleday)
Congreve Comedies
(World’s Classics)

18th CENTURY NOVEL
Swift Gulliver’s Travels and Other Writings
(Modern Library)
Defoe Robinson Crusoe
(Penguin)
Moll Flanders
(Rinehart)
Richardson Clarissa
(Riverside)
Fielding Joseph Andrews
(Signet)
Tom Jones
(Penguin)
Smollett Humphry Clinker
(Penguin)
Sterne Tristram Shandy
(Penguin)
Johnson Rasselas, Poems and Selected Prose
(Rinehart)
Fairclough (ed.) Three Gothic Novels
(Penguin)
Kuhn (ed.) Three Sentimental Novels
(Rinehart)
Austen Mansfield Park
(Penguin)
Persuasion
(Penguin)
Scott The Heart of Midlothian
(Rinehart)

17th CENTURY POETRY
Donne Poems
(Norton)
Jonson Poems
(Muses’ Library)
Herbert Poems
(World’s Classics)
Vaughan The Complete Poetry of Henry Vaughan
ed. Fogle
(Anchor)
Gardner (ed.) The Metaphysical Poets
(Penguin)
Ferry (ed.) Seventeenth Century English Minor Poets
(Laurel)
Marvell  
Poems  
(Signet)

Milton  
Shorter Poems ed. Burden  
(Heinemann)

CHAUCER  
Chaucer  
Works ed. Robinson  
(Oxford U.P.)

ENGLISH IIIB, 1974 ONLY (2 hours lectures, 1 hour tutorial per week)

17th AND 18th CENTURY POETRY  
Love (ed.)  
Penguin Book of Restoration Verse  
(Penguin)

Milton  
Poetical Works ed. Bush  
(Oxford)

Dryden  
Selected Works  
(Rinehart)

Pope  
Poems ed. J. Butt  
(University Paperback: Methuen)

Quintana & Whitley (ed.)  
English Poetry of the Mid and Late Eighteenth Century  
(Knopf)

19th CENTURY SPECIAL STUDIES  
Tennyson  
Poems  
(Oxford)

Browning  
Selected Poetry  
(Rinehart)

Arnold  
Selected Poetry and Prose  
(Rinehart)

Clough  
A Selection from Arthur Hugh Clough  
(Longmans)

Buckley, J. R. (ed.)  
The Pre-Raphaelites  
(Modern Library)

Hardy  
Selected Poems  
(Macmillan)

Housman  
Poetry and Prose: a Selection  
(Heinemann).

Hopkins  
Selected Poems  
(Penguin)

Macdonald  
Lilith  
(Ballantine)

Carroll  
Alice in Wonderland/Through the Looking-Glass  
(Signet)

Borrow  
Lavengro  
(Everyman)

Conan Doyle  
The Hound of the Baskervilles  
(Random House)

Morris  
The Well at the World's End  
(Ballantine) (2 vols.)  
The Water of the Wondrous Isles  
(Ballantine)

Wilde  
The Picture of Dorian Gray  
(Signet)  
Selected Plays  
(Penguin)

20th CENTURY SPECIAL STUDIES  
Conrad  
Lord Jim  
(Penguin)  
Nostromo  
(Penguin)

Woolf  
Mrs. Dalloway  
(Penguin)  
The Waves  
(Penguin)

Yeats  
Collected Poems  
(Macmillan)  
Collected Plays  
(Macmillan)

Joyce  
Dubliners  
(Penguin)  
Ulysses  
(Penguin)

Eliot  
Collected Plays and Poems  
(Faber)

Lawrence  
The Rainbow  
(Penguin)  
Women in Love  
(Penguin)

N.B. In 1974 only a candidate for ENGLISH IIIB may, with the prior approval of the Head of Department, substitute for one component of the course, either the Middle English or the Modern English Language component from ENGLISH IIC.
ENGLISH IIIC, 1974 ONLY (2 hours lectures, 1 hour tutorial per week)

N.B. Old English will not be offered in 1974. Candidates for ENGLISH IIIC will be required to read the following:

MIDDLE ENGLISH
MODERN ENGLISH LANGUAGE
ONE STRAND FROM ENGLISH IIB

MIDDLE ENGLISH
Candidates will perform a close textual and critical study of Sir Gawain and the Green Knight, together with the study of the medieval drama portion of ENGLISH IIB.

Texts
Tolkien and Gordon (eds.) Sir Gawain and the Green Knight (revised by Davis) (Oxford 1967)
Cawley (ed.) Everyman and Medieval Miracle Plays (Everyman)

MODERN ENGLISH LANGUAGE
A study of some of the factors affecting our use of English. This will be followed by studies of certain areas of English syntax, especially adverbs and prepositions.

Text
Crystal, D. & Davy, D. Investigating English Style (Longmans 1969)

ENGLISH IV (LITERATURE) (4 hours lecture/seminars per week)

Students must take RENAISSANCE POETRY AND PROSE and three other courses.

RENAISSANCE POETRY AND PROSE

Poetry
Bullett (ed.) Silver Poets of the Sixteenth Century (Everyman Paperback)
Spenser Poems (Oxford Standard Authors)
Marlowe Poems and Plays (Everyman)
Shakespeare Venus and Adonis and Rape of Lucrece (Dent)
The Sonnets (New Shakespeare)

Prose
More Utopia (Everyman)
Sidney Arcadia (Vol. 1 of Cambridge ed. of the prose works)
Ashley & Mosley (eds.) Elizabethan Fiction (Rinehart)
Bacon The Advancement of Learning and New Atlantis (World's Classics)
Browne Religio Medici and Other Writings (Everyman)
Walton The Compleat Angler (Everyman or World's Classics)

Recommended Reading
Tuve, R.
Ruthven, K. K.
Marinelli, P. V.
Puttenham

Shakespeare's Comedies
The Comedy of Errors
The Taming of the Shrew
The Two Gentlemen of Verona
Love's Labour's Lost
A Midsummer Night's Dream
The Merchant of Venice
Much Ado About Nothing
As You Like It
Twelfth Night
The Merry Wives of Windsor
All's Well That Ends Well
Measure for Measure
Pericles
Cymbeline
The Winter's Tale
The Tempest

No particular edition is prescribed, but the Signet editions are recommended.
20th Century Poetry

Students will be expected to study and discuss ALL the poets in group (i), and to select THREE OR FOUR of the poets in group (ii).

Group (i)
Frost
Selected Poems
(Rinehart)

Stevens
Selected Poems
(Faber)

Pound
Selected Poems
(Faber)
Selected Cantos
(Faber)

Williams
Modern Poets 9
(Penguin)

Cummings
Selected Poems
(Faber)

Auden
Selected Poems
(Penguin)

Lowell
Selected Poems
(Faber)

Roethke
Words for the Wind
(Indiana)

Group (ii)
Sandburg
Harvest Poems
(Harvest)

Moore, Marianne
Selected Poems
(Faber)

Ransom
Poems and Essays
(Vintage)

Wilbur
Poems 1943-1956
(Faber)

Jarrell
Selected Poems
(Faber)

Berryman
Selected Poems 1938-1968
(Faber)

Ginsberg
Modern Poets 5
(Penguin)

Dickey, James
The Achievement of James Dickey
(Scott Foresman)

Plath
Ariel
(Faber)

Recommended Anthologies
Allen (ed.)
The New American Poetry
(Grove)

Elliott (ed.)
Fifteen Modern American Poets
(Rinehart)

AND ESPECIALLY
Martz (ed.)
The Distinctive Voice
(Scott Foresman)

20th Century Novel
Woolf
Mrs. Dalloway
(Penguin)

To the Lighthouse
(Penguin)

The Waves
(Penguin)

Orlando
(Penguin)

Scott Fitzgerald
The Great Gatsby
(Penguin)

Tender is the Night
(Penguin)

The Crack-Up
(Penguin)

Faulkner
As I Lay Dying
(Penguin)

Light in August
(Penguin)

Absalom, Absalom!
(Penguin)

Nabokov
The Real Life of Sebastian Knight
(Penguin)

Lolita
(Corgi)

Pale Fire
(Corgi)

Ada
(Penguin)

Bellow
Henderson the Rain King
(Penguin)

Herzog
(Penguin)

Mr. Sammler’s Planet
(Penguin)
ENGLISH IV (LANGUAGE) (4 hours lecture/seminars per week)

Courses will be offered in OLD ENGLISH, MIDDLE ENGLISH and MODERN ENGLISH LANGUAGE. Subject to the approval of the Head of the Department students may choose an appropriate combination from these courses.

**Modern Drama**

Ibsen
- *Six Plays* (Modern Library)

Strindberg
- *Six Plays* (Doubleday)

Shaw
- *Plays: Arms and the Man, Candida, Man and Superman, Mrs. Warren's Profession* (New American Library)
- *Heartbreak House* (Penguin)

Wilde
- *Selected Plays* (Penguin)

Chekhov
- *Plays* (Penguin)

Yeats
- *Selected Plays* (Macmillan)

Brecht
- *Galileo* (Grove)
- *The Good Woman of Setzuan* (Grove)
- *Saint Joan of the Stockyards* (Indiana University Press)

Beckett
- *Endgame* (Faber)
- *Happy Days* (Faber)
- *Film, a Film script* (Grove)

Genet
- *The Balcony* (Grove)
- *The Maids, Deathwatch* (Grove)

Osborne
- *Look Back in Anger* (Faber)

Pinter
- *The Caretaker, The Dumb Waiter* (Grove)
DEPARTMENT OF FRENCH

GENERAL
The Department offers the following subjects: French I, French IIA, French IIB, French IIIA, French IIIB, and French IV. The aim of the course is to develop proficiency in the French language and, by this means, to afford students direct access to the literature of France.

Students wishing to take an Honours degree in French are expected to have passed French I and the four Part II and Part III subjects, and to have shown a high level of performance over the earlier years of their French course. (Under special circumstances, and at the discretion of the Head of the Department, students with a pass in fewer than five subjects in French may be accepted into French IV).

The “B” subjects in Part II and Part III will normally be taken only by those students who are enrolled in, or have passed in, the corresponding “A” subject. All prospective students in French IIB, French IIIB or French IV are required to contact the Head of the Department by the end of January in order to discuss the course and their prospective degree pattern.

FRENCH I
This is intended both as a terminal subject and as a preparation for the further study of French at University level. It concentrates on the development of proficiency in the reading, writing and speaking of French. The class-work involved is 5 hours per week of lectures and tutorials. Regular assignments form an integral part of the subject and of student assessment.

The components of the subject are:

(i) Linguistic and literary analysis of a number of words of French prose and poetry from the Middle Ages to the present day.
(ii) Training in the comprehension of spoken and written French (aural comprehension, dictation, translation from French).
(iii) Training in speaking and writing French (grammatical structures, conversation, phonetics, translation into French).

Prescribed Books
(i) Molière
   Le Bourgeois Gentilhomme
   (Bordas)
(ii) Voltaire
    Zadig and other Stories (ed. Mason)
    (Oxford University Press)
(iii) Maupassant
     Boule de Suif
     (Livre de poche)
(iv) Camus
   La Peste
   (Livre de poche)
(v) Ionesco
   Three Plays (ed. Brooks & Fraenkel)
   (Heinemann)

SECOND AND THIRD YEAR SUBJECTS
The second and third years of the French course are intended to provide advanced training in linguistic competence, as well as a coverage of the major topics in French literature from the Middle Ages to the present day. Literary studies are arranged in a two-year cycle: e.g. in 1973 they covered topics relating to the Middle Ages, 16th and 17th centuries and 20th-century drama; in 1974 they cover topics in the 18th, 19th and 20th centuries, apart from 20th-century drama.

Spoken and written practice in the comprehension and use of the French language, and essays and assignments on the literary topics, form an integral part of all second and third year subjects in French.

FRENCH II
(5 hours a week of lectures and tutorials. Regular assignments on French language and literature form an integral part of the subject and of student assessment). The components of the subject are:

(i) French prose-writing of the 18th, 19th and 20th centuries, with special study of Prévost, Voltaire, Balzac, Zola, Martin du Gard and Beckett.
(ii) French poetry of the 19th and 20th centuries, with special study of Baudelaire, Mallarmé and Valéry.
(iii) Spoken and written practice in the use of contemporary French.

Prescribed Books
(i) Prévost
   Manon Lescaut
   (Garnier-Flammarion)
(ii) Voltaire
    Romans et Contes
    (Classiques Garnier)
(iii) Balzac
     Le Père Goriot (ed. Landers)
     (Harrap)
(iv) Zola
    Germinal
    (Livre de poche)

156
R. Martin du Gard  Jean Barois  (Livre de poche)
Beckett  Watt  (Editions de minuit)
(ii) Baudelaire  Les Fleurs du Mal  (Garnier-Flammarion)
      (ed. Hartley)  Mallarmé  (The Penguin Poets)
Valéry  Charmes ou Poèmes  (ed. Whiting)  (Athlone Press)
(iii) Mansion  A Grammar of Present-Day French, with Exercises  (Harrap)

FRENCH IIB
(4 hours a week of lectures and tutorials, plus regular assignments. This subject involves more written work than does the corresponding “A” subject. Regular assignments form an integral part of the subject and of student assessment.) The components of the subject are:

(i) Prose-writing of the 18th, 19th and 20th centuries, with special study of Diderot, Voltaire, Chateaubriand, Nerval, Gide, Sartre, Malraux and Butor.
(ii) The Contemplations of Victor Hugo.

Prescribed Books
(i) Diderot  La Religieuse  (Garnier-Flammarion)
      Voltaire  Romans et Contes  (Classiques Garnier)
      Chateaubriand  Atala/René  (Garnier-Flammarion)
      Nerval  Les Filles du Feu  (Garnier-Flammarion)
      Proust  Du côté de chez Swann  (Livre de poche)
      Gide  L’Immoraliste  (Livre de poche)
      Sartre  La Nausée  (Livre de poche)
      Malraux  La Condition humaine  (University of London Press)
      Butor  La Modification  (Editions de minuit)
(ii) Hugo  Les Contemplations  (Livre de poche classique relié)

FRENCH IIIA
As for French IIA.

FRENCH IIIB
As for French IIB.

FRENCH IV
The part IV subject involves advanced work in French language and literature, and is designed, inter alia, as an introduction to the techniques of research. There is a core of seminars and assignments in literary criticism, bibliography, comparative stylistics and advanced reading and discussion in French. In addition, a number of options will be offered in philology and literary topics, of which three are to be chosen by the student. A major essay, of 5,000 words in French, is to be submitted by the end of the year on a topic agreed on between the student and the Head of the Department.
DEPARTMENT OF GEOGRAPHY

GEOGRAPHY I

Six hours per week (two hours lectures, one hour tutorial, three hours of practical work). Four days of field work are an integral part of the course.

The subject is designed to introduce students to the cultural aspects of geography, with reference to the broad geographical distribution of culture complexes, and the examination of processes involved in the evolution of culture patterns and culture systems.

Practical courses to extend and enrich this study are also designed to enable students to gain proficiency in and understanding of the tools of geographical analysis. Methods in the cartographic and statistical organisation of geographic data will be studied.

Prescribed Books
Broek and Webb  
A Geography of Mankind  
(McGraw-Hill 2nd ed. 1973)
Toyne & Newby  
Techniques in Human Geography  
(Macmillan 1971)
Moroney  
Facts from Figures (Penguin 1956)

GEOGRAPHY II A

Six hours per week (four hours of lectures, and two hours of practical/tutorial work). The subject involves eight days' field work, and is concerned with human geography. It reviews the methods and concepts of economic geography, with selected studies of the location of agricultural, of manufacturing and of tertiary economic activity. Elements in the structure and organisation of societies are considered with emphasis on urban forms and urban life. The subject is a prerequisite for the urban elective in Geography III.

Prescribed Books
Smith, Taafe and King  
Readings in Economic Geography  
(Rand McNally 1968)
Berry & Horton  
Geographical Perspectives on Urban Systems  
(Prentice Hall 1970)
Johnson  
Urban Geography  
(Pergamon, 2nd ed. Paperback 1972)
Moroney  
Facts from Figures (Penguin 1956)

GEOGRAPHY II B

Six hours per week (four hours of lectures, and two hours of practical/tutorial work). The subject involves eight days' field work.

This is a study of processes and patterns in man's physical environment. One section of the course is concerned with the exchanges and transformations of solar energy and of water as these occur at the earth/atmosphere interface. These studies are organised into the frameworks of the radiation, heat and water budgets and the spatial variations of these. The other section deals with geomorphic processes on the one hand, and problems of historical geomorphology on the other. The subject is a prerequisite for the Fluvial Geomorphology elective in Geography III.

Prescribed Books
Barry and Chorley  
Atmosphere Weather and Climate  
(Methuen University Paperback 1968)
Thornbury  
Principles of Geomorphology  
2nd ed. (Wiley 1969)
Holmes  
Principles of Physical Geology  
2nd ed. (Nelsons Paperback 1965)

GEOGRAPHY III A

Five hours per week (lectures, practical work and seminars). Eight days' field work are an integral part of the subject.

(i) Core Topic: The History and Philosophy of Geography. One hour per week.
(ii) Two Electives: Selected from the list below. Four hours per week.

GEOGRAPHY III B

Five hours per week (lectures, practical work and seminars). Eight days' field work are an integral part of the subject.

(i) Core Topic: Problems of the Australian Region. One hour per week.
(ii) Two Electives: which have not been, or are not being studied in Geography III A, selected from the list below. Four hours per week.
ELECTIVES 1974

[a] ADVANCED ECONOMIC GEOGRAPHY
Two hours per week and related fieldwork for which Geography IIA is a prerequisite. The lectures will fall into four major sections:
(i) an introductory conceptual section;
(ii) an examination of selected aspects of location theory;
(iii) a discussion of some methods of locational analysis;
(iv) an introduction to regional economics.
Practical classes will be chiefly concerned with the methods of analysis useful in economic geography.

[b] BIOGEOGRAPHY
Two hours per week and related fieldwork dealing with:
(i) some basic concepts in Biogeography;
(ii) an introduction to Ecology, with emphasis on man as an inseparable part of nature;
(iii) approaches towards ecological harmony between man and the rest of nature.

Geography IIB provides a valuable (although not essential) background to this elective; students who wish to take it and who have completed only Geography IIA should first obtain the approval of the Head of the Department.

[c] FLUVIAL GEOMORPHOLOGY
Two hours per week and related fieldwork. The elective will expand the fluvial geomorphology taught in second year. Fluvial and slope processes and resultant land forms will be studied. Geography IIB is a prerequisite to this elective.

[d] GENETIC GEOMORPHOLOGY
Two hours per week and related fieldwork expanding the historical geomorphology introduced earlier. It will deal with the interpretation of selected landscapes from the point of view of alternative hypotheses and in some cases the significance of the physical geography for human occupation will be discussed. Geography IIB provides a valuable (although not essential) background to this course; students who wish to take it and who have completed only Geography IIA should first obtain the approval of the Head of the Department.

[e] GEOGRAPHICAL TECHNIQUES
Two hours per week and related fieldwork, concerned with the methods of data collection, manipulation, interpretation and presentation. The elective is of value for all students, but is especially relevant for those intending to proceed to Honours.

[f] HISTORICAL GEOGRAPHY
Two hours per week and related fieldwork. The elective examines the time element in Geography and the need to search for origins. The importance of previous evolution to the systematic study of existing phenomena in any region will be illustrated by reference to specific themes. The elective includes a substantial section on aspects of the historical geography of Australia.

[g] SOUTHEAST ASIA
Two hours per week designed to study the regional variety which exists in the monsoon Asian region. Because this is largely an underdeveloped area, the elective will concentrate on the study of the characteristics of underdevelopment and the areal manifestations of these characteristics.

Prescribed Books
GEOGRAPHY IIIA Core
James
All Possible Worlds: A History of Geographical Ideas
(Bobbs-Merrill Paperback 1972)

[a] ADVANCED ECONOMIC GEOGRAPHY
Beckmann
Location Theory
(Random House 1968)
Berry
Geography of Market Centres and Retail Distribution
(Prentice-Hall 1967)
Haggett
Locational Analysis in Human Geography
(Arnold 1965)
Nourse
Regional Economics
(McGraw Hill 1968)
Richardson
Elements of Regional Economics
(Penguin Education 1969)
Smith
Industrial Location
(Wiley 1971)

[b] BIOGEOGRAPHY
Watts
Principles of Biogeography
(McGraw-Hill 1971)
Bates
The Forest and the Sea
(Mentor 1961)
Billing
Forbush and the Penguins
(Fawcett Crest 1967)
GEOGRAPHY IV (Honours)

This subject is designed in part as an introduction to research work in Geography. Each student is required to submit a thesis embodying the result of an original investigation on a topic approved by the Head of the Department of Geography.

Seminars and field work will be offered in the following:

(a) The impact of man and society on nature.
(b) A systematic topic approved by the Head of the Department.

In order to qualify for admission to Geography IV, a student must normally have passed at Credit level or better in at least four Geography subjects. In exceptional cases students who do not quite reach these requirements but who can satisfy the Head of the Department that they are suitable candidates may be admitted to the Part IV subject. Students considering entry to Geography IV should consult the Head of the Department before the beginning of the third term of the preceding year. Those accepted for entry will be expected to commence their thesis field programmes early in January.

DEPARTMENT OF GERMAN

GERMAN IS (5 hours per week plus progressive testing)

Designed for students not yet qualified for entry to GERMAN IN. Two terms will be spent on audio-visual language work in small groups, term 3 on the study of modern German texts.

N.B. Students wanting German IS as a service course may, by arrangement, study texts relevant to their main interest.

EXAMINATION

Progressive and selective assessment.

GERMAN IN (5 hours per week)

Intended for students with a pass in German at the Higher School Certificate or the equivalent.

<table>
<thead>
<tr>
<th>Analysis of Texts</th>
<th>2 hours per week</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Literary Criticism</td>
<td>1</td>
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<tr>
<td>Language (discussion of weekly assignments)</td>
<td>1</td>
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<tr>
<td>Language Laboratory</td>
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</tbody>
</table>

In order to qualify for admission to Geography IV, a student must normally have passed at Credit level or better in at least four Geography subjects. In exceptional cases students who do not quite reach these requirements but who can satisfy the Head of the Department that they are suitable candidates may be admitted to the Part IV subject. Students considering entry to Geography IV should consult the Head of the Department before the beginning of the third term of the preceding year. Those accepted for entry will be expected to commence their thesis field programmes early in January.
CLASSES
(a) Language classes will involve laboratory sessions, showing of films and weekly discussion of written assignments.
(b) Literature classes, mostly given on a fortnightly basis, should serve as a stimulus to discussion and writing of essays. Active participation is required and students will spend some time discussing essays with members of staff. Students are advised to begin reading during the vacations.

EXAMINATIONS
(a) assessment of year’s work in language and literature classes.
(b) a folder of language work.
(c) a folder of at least four literature essays for different members of staff, to be handed in at the beginning of the University examining period. These essays may be selected from the essays written during the year, they may include revisions or expansions, or entirely new work may be submitted.
(d) Viva on the folders, conducted by the department, the result of which can only improve the overall result.

GERMAN II A (5 hours per week)
LANGUAGE
2 hours per week
LITERATURE TOPICS
3 hours per week
1. “The New Critics”
   An examination of the methods of structural analysis. (Term I)
2. Genre Criticism
   The modern novel. Application of methods explored in 1. (Terms 2 & 3)
3. Symbol, Metaphor and Allegory
   The use of these related terms in relation to some works by Hofmannsthal, Novalis, and Kafka.
4. Oeuvre Criticism
   The study of several works by Brecht within the context of his oeuvre.
5. Middle High German Language and Literature
   An introduction to an older form of German and its literature (2 terms)
6. Genre Criticism
   Comedy. The theory of literary kinds as a framework for studying German comedy. (Term 2)
7. Seminar
   Criteria of relevance in interpreting individual works.

GERMAN II B (5 hours per week)
LANGUAGE
2 hours per week
LITERATURE TOPICS
3 hours per week
1. Oeuvre Criticism
   Goethe. The study of a number of his works within the context of his complete oeuvre.
2. Oeuvre Criticism
   Thomas Mann. The study of recurrent themes and techniques in several works by Thomas Mann. (Terms 2 & 3)
3. Stylistic Frameworks
   Humour, Wit, Satire, Irony and related terms used to classify literary “tone”. (Terms 2 & 3)
4. Conceptual Frameworks
   “Reality” and Contemporary Drama. A study of terms like The Absurd, The Theatre of Cruelty, The Documentary to describe conventions by which some dramatists reflect the contemporary world. (Term 1 weekly)
5. Seminar
   Criteria of relevance in interpreting individual works.

GERMAN II S (5 hours per week)
LANGUAGE
2 hours per week
LITERATURE TOPICS
3 hours per week
Students will choose 4 out of topics 1 to 6.
1. “The New Critics”
   An examination of the methods of structural analysis. (Term I)
2. Genre Criticism
   The modern novel. Application of methods explored in 1. (Terms 2 & 3)
3. Symbol, Metaphor and Allegory
   The use of these related terms in relation to some works by Hofmannsthal, Novalis, and Kafka.
4. Oeuvre Criticism
   The study of several works by Brecht within the context of his oeuvre.
5. Middle High German Language and Literature
   An introduction to an older form of German and its literature. (2 terms)
6. **Genre Criticism**
   Comedy. The theory of literary kinds as a framework for studying German comedy. (Term 2)

7. **Seminar**
   Criteria of relevance in interpreting individual works.

8. **Introduction to Literary Criticism**

**GERMAN IIIA (5 hours per week)**

**LANGUAGE**
2 hours per week

**LITERATURE TOPICS**
3 hours per week

1. **Period Criticism**
   Interpretation of Middle High German Literature. (2 terms)

2. **Genre Criticism**
   Drama. An examination of the theories and dramatic practice of dramatists of the 19th and 20th centuries.

3. **Period Criticism**
   The concept of Literary History as a device for the study of literature. (2 terms)

4. **Genre Criticism**
   The Bildungsroman. An examination of the usefulness of this label as customarily used in classification.

5. **Seminar**
   Criteria of relevance in interpreting individual works.

**GERMAN IIIB (5 hours per week)**

**LANGUAGE**
2 hours per week

**LITERATURE TOPICS**
3 hours per week

1. **Oeuvre Criticism**
   Schiller. The study of recurrent themes in Schiller's major works.

2. **Conceptual Frameworks**
   The relevance of Existentialism to the exegesis of Rilke's poetry. (Term 1)

3. **Conceptual Frameworks**
   Psychoanalytic and Marxist approaches to the study of Georg Büchner. (Term 2)

4. **Genre Criticism**
   The Novellen of Heinrich von Kleist. (Term 2)

5. **Seminar**
   Criteria of relevance in interpreting individual works.

**GERMAN IIIIS (5 hours per week)**

**LANGUAGE**
2 hours per week

**LITERATURE TOPICS**
3 hours per week

1. **Period Criticism**
   Interpretation of Middle High German Literature. (2 terms)

2. **Genre Criticism**
   Drama. An examination of the theories and dramatic practice of dramatists of the 19th and 20th centuries.

3. **Period Criticism**
   The concept of Literary History as a device for the study of literature. (2 terms)

4. **Genre Criticism**
   The Bildungsroman. An examination of the usefulness of this label as customarily used in classification.

5. **Seminar**
   Criteria of relevance in interpreting individual works.

**GERMAN IV**

Prerequisite for entry into German IV: high performance in the subjects enrolled, which will normally include at least 3 units of German.

1. **Stylistic Analysis**
2. **Seminars on Modern and Mediaeval Literature**
3. **One topic for extensive individual research**

**EXAMINATION**

(a) 2 essays chosen from the seminars attended
(b) 1 essay of not less than 6,000 words on an individual research topic
(c) language assignment.
TEXT BOOKS FOR 1974

(Subject to change according to availability of texts. Where an entry is marked with an asterisk, any edition may be used, otherwise students will be expected to have the edition prescribed).

Reference Books

Brockhaus Illustrated Dictionary
German-English, English-German
(London, Pitman 1965)

Farrell, R. B.

A Dictionary of German Synonyms
(Cambridge, C.U.P., 2nd ed. 1971 (Pb))

GERMAN I

Braun, Nieder, Schmöe

Deutsch als Fremdsprache Vol. I and II
(Stuttgart, Klett No. 5541 & 5542)

Oehler, Heinz

Grundwortschatz Deutsch
(Stuttgart, Klett No. 5196)

Brecht, B.

Kalendergeschichten
(Rowohlt No. 77)

Frisch, M.

Biedermann und die Brandstifter
(London, Methuen 1963)

Eich, G.

Sabeth
(Suhrkamp 1968)
(Träume; 4 Hörspiele)

Böll, H.

Und sagte kein einziges Wort
(Ullstein No. 141, 1966)

GERMAN IN

Russon, L. J.

A Complete German Course for First Examinations
(London, Longmans 1967)

Forster, L. (ed.)

The Penguin Book of German Verse
(1967)

Guerin et al.

Handbook of Critical Approaches to Literature
(New York & London, Harper & Row)

Term 1

Storm, T.

Immensee (ed. J. M. Ritchie)
(Harrap)

Wedekind, F.

Frühlingserwachen
(Reclam)

Hesse, H.

Demian
(Suhrkamp 1970)

Term 2

Frisch, M.

Andorra
(Methuen 1969)

Dürrenmatt, F.

Der Besuch der alten Dame
(Methuen)

Brecht, B.

Puntilla
(Methuen)

Term 3

Hesse, H.

Peter Camenzind
(München (pb) Droemer)

Kafka, F.

Der Prozeß
(Fischer Bücherei No. 676)

GERMAN II

Texts common to both IIA and IIB

LANGUAGE

Jelinek, Elfriede

Michael, Ein Jugendbuch für die Infantilgesellschaft
(rororo (Das neue Buch 12) 1972)

SEMINAR

Hamburger, M. & Middleton, C.

Modern German Poetry
(N.Y., Grove 1962)

Goethe, J. W. von

Faust (ed. Trunz)
(Hamburg, Wegner 1963)
(only Part I to be read)

Frisch, M.

Homo Faber
(Frankfurt, Suhrkamp 1963)

Mann, Th.

Tod in Venedig
(Frankfurt, Fischer Bücherei No. 54, 1954)

Kafka, F.

Sämtliche Erzählungen
(Fischer Bücherei No. 1078)

GERMAN IIA

(Serial numbers refer to the topics as set out in the description of courses)

3) SYMBOL, METAPHOR AND ALLEGORY

Hofmannsthal, H. von

Four Stories
(London, O.U.P., Clarendon, pb. 1968)

Novalis

*Hymnen an die Nacht
Heinrich von Ofterdingen
(München, Goldmann, No. 778/780)
Kafka, F.  

4) OEUVRE CRITICISM  
Brecht, B.  

Der gute Mensch von Sezuan  
Edition Suhrkamp No. 73  
Der kaukasische Kreidekreis  
Edition Suhrkamp No. 31  
Leben des Galilei  
Edition Suhrkamp No. 1  
Mutter Courage und ihre Kinder  
Edition Suhrkamp No. 49  
Die heilige Johanna der Schlachthöfe  
Edition Suhrkamp No. 113  
Die Dreigroschenoper  
Edition Suhrkamp No. 229  
Lehrstücke  
Rororo No. 889  
Baal  
Edition Suhrkamp No. 170  
Ausgewählte Gedichte  
Edition Suhrkamp No. 86  

5) MIDDLE HIGH GERMAN LANGUAGE & LITERATURE  
Asher, J.  
A Short Descriptive Grammar of Middle High German  
(Auckland, O.U.P. 1967)  
Sacker, H.  
An Introductory Middle High German Text  
(London, Harrap 1964)  

6) GENRE CRITICISM: COMEDY  
Lessing, G. E.  
*Minna von Barnhelm (ed. Garland)  
(London, Macmillan 1965)  
Kleist, H. von  
Ausgewählte Dramen  
(München, Goldman No. 400)  

GERMAN IIIB  
1) OEUVRE CRITICISM  
Goethe, J. W. von  
The texts for this course will be announced at the beginning of Term I.  

2) OEUVRE CRITICISM  
Mann, Thomas  
*Tonio Kröger  
(Oxford, Blackwell 1944)  
Dr. Faustus  
(Fischer-Bücherei 1967)  

3) WIT, SATIRE AND IRONY  
Heine, H.  
*Deutschland ein Winternmärchen  
Atta Troll  
(ed. Barker Fairley)  
(O.U.P. 1966)  
Hoffman, E. T. A.  
Der goldene Topf (ed. Mainland)  
(Blackwell)  
Jean Paul  
Des Feldpredigers Schmelzle Reise nach Flütz (ed. Smeed)  
(O.U.P.)  
Tieck, L.  
Der gestiefelte Kater  
(Stuttgart, Reclam No. 8916)  
Wieland, C. M.  
Musarion oder die Philosophie der Grazien  
(Stuttgart, Reclam No. 95)  

4) CONTEMPORARY DRAMA  
Dürrenmatt, F.  
Die Physiker  
(Arche Verlag)  
Grass, G.  
Die Plebeyer proben den Aufstand  
(Fischer Bücherei, 910)  
Hochhuth, R.  
Soldaten  
(Rowohlt, pb. 1967)  
Kipphardt, H.  
In der Sache J. Robert Oppenheimer  
Edition Suhrkamp No. 64  
Weiss, P.  
Die Verfolgung und Ermordung J. P. Marats  
Edition Suhrkamp No. 68  

GERMAN III  
Texts common to German IIIA & IIIB  
SEMINAR  
Goethe, J. W. von  
Poems  
(Oxford, Blackwell 1965)  
*Iphigenie auf Tauris  
(München, Goldmann No. 568 O.J.)  
Kleist, H. von  
Ausgewählte Dramen  
(München, Goldmann No. 400 O.J.)
Enzensberger, H. M.  
*Gedichte*  
(Edition Suhrkamp No. 20, 1963)

Grass, G.  
*Katz und Maus*  
(Berlin, Luchterhand 1964)

Hesse, H.  
*Der Steppenwolf*  
(Frankfurt, Suhrkamp 1961)

GERMAN IIIA

1) PERIOD CRITICISM: M.H.G.
   Gottfried von Straßburg  
   *Tristan und Isold* (ed. Ranke)  
   (Berlin, Weidmann 1966)
   de Boor, H. (ed.)  
   *Das Nibelungenlied*  
   (Wiesbaden, Brockhaus 1965)
   Hartmann von Aue  
   *Gregorius*  
   (Altdeutsche Textbibliothek, No. 2)

4) GENRE CRITICISM: BILDUNGSROMAN
   Goethe, J. W.  
   *Wilhelm Meisters Lehrjahre*  
   (München, Goldman 1965)
   Stifter, A.  
   *Der Nachsommer*  
   (München, Goldman 1964)
   Keller, G.  
   *Der grüne Heinrich*  
   (München, Goldman, No. 778/780)
   Weiss, P.  
   *Abschied von den Eltern*  
   (Suhrkamp 1966)

GERMAN IIIIB

1) OEUVRE CRITICISM
   Schiller, F. von  
   *Die Räuber*  
   (Ein Schauspiel (!!), Reclam No.15)
   *Kabale und Liebe*  
   (Reclam No. 33)
   *Don Carlos*  
   (Reclam No. 38/38a)
   *Wallenstein*  
   (Reclam 2 vols No. 41 & 42)
   *Maria Stuart*  
   (Reclam No. 64)
   *Die Jungfrau von Orleans*  
   (Reclam No. 47)
   *Wilhelm Tell*  
   (Reclam No. 12)
   *Gedichte und Balladen*  
   (München Goldmann No. 450)

2) OEUVRE CRITICISM
   Rilke, R. M.  
   *Selected Poems* (ed. McKay)  
   (London, O.U.P. Clarendon 1965)
   *Duino Elegies* (ed. Leishmann)  
   (London, Hogarth Press 1963)
   *Sonnets to Orpheus* (ed. Leishmann)  
   (London, Hogarth Press 1946)

3) CONCEPTUAL FRAMEWORKS: PSYCHO-ANALYSIS AND MARXISM
   Büchner, G.  
   *Werke und Briefe*  
   (München, DTV Gesamtausgabe, No. 70, 1965)

4) GENRE CRITICISM
   Kleist, H. von  
   *Sämtliche Novellen*  
   (München, Goldmann No. 386, O.J.)

GERMAN IV

SEMINARS

1) Handke, P.  
   *Die Hornissen*  
   (Frankfurt 1966)

2) Hofmannsthal, H. von  
   *Gedichte*  
   (Insel-Bücherei No. 750)
   *Kleine Dramen*  
   (Insel-Bücherei No. 750)
   *Der Schwierige* (ed. Yates)  
   (C.U.P.)
   *Selected Essays* (ed. M. E. Gilbert)  
   (Blackwell 1965)
   *Der Turm*  
   (Fischer Schulausgaben, Texte moderner Autoren)

3) Hartmann von Aue  
   *Iwein* (ed. Benecke)  
   (Berlin, de Gruyter 1966)
   *Parzival*
4) BAROQUE TRADITION IN THE THEATRE

Bidermann, Jakob
*Cenodoxus
(Reclam No. 8958)

Gryphius, Andreas
*Carolus Stuardus
(Reclam No. 9366)

Schikaneder, Emanuel
Der Zauberflöte
(Reclam No. 2620)

Raimund, Ferdinand
Der Alpenkönig und der Menschenfeind
(Reclam No. 2620)

Nestroy, Johann
Der Tod am Hochzeitstag
Lumpacivagabundus
(Reclam No. 3025)

5) Schiller, F. von
Schriften zur Philosophie und Kunst
(Goldman, 524)

DEPARTMENT OF HISTORY

History is essentially a reading subject, and students are urged to read as widely as possible. The book lists are not intended to be final or conclusive. They represent merely the basic reading. Students are advised to purchase as many of them as funds will allow. A more detailed book-list, covering specialized aspects and topics of the various courses, will be provided by the Department when enrolments begin. Students are also referred to the Library catalogue.

All courses are liable to be slightly modified according to staffing requirements and availability.

Where A and B courses exist, evening lectures are given in them in alternate years only. History II B and History III A are not available in the evening in 1974.

HISTORY I

ASPECTS OF MODERN EUROPEAN HISTORY, FROM 1789 ONWARDS
(Three hours per week, plus compulsory weekly tutorial)

This course will treat in depth certain key aspects of modern European History. Each aspect will be studied as a separate unit. The emphasis throughout will be on issues and ideas and no attempt will be made to present a chronological narrative. In addition, students will be introduced to some of the problems and techniques of historical interpretation. The subjects for study in 1974 will be: (a) the French Revolution; (b) Industrialization and Urban Growth; (c) Imperialism; (d) International Organization. Students will be expected to become thoroughly familiar with primary source material as well as major secondary works. Sections (a) and (b) will be examined in mid-year.

Books Recommended for Purchase

Cobban, A. A History of Modern France Vol. I
(Pelican)

The Social Interpretation of the French Revolution
(Cambridge)

Hampson, N. A Social History of the French Revolution
(Routledge paperback)

Rudé, G. F. Robespierre
(Spectrum)

Ashton, T. S. The Industrial Revolution
(Opus)

Briggs, A. Victorian Cities
(Pelican)
This course is concerned with European History to the end of the Council of Trent in 1563. Its main theme is the transmission of the Graeco-Roman heritage to the Middle Ages, the influence of the legacy upon the Mediaeval World, and the dissolution of the Middle Ages in the Renaissance, Reformation and Counter-Reformation. After a brief survey of the Graeco-Roman background, with particular reference to the fall of the Roman Empire, the course will concentrate upon Charlemagne and the Frankish Kingdom, the conflict between Empire and Papacy, the Twelfth Century Revival, the Conciliar Movement, the Italian Renaissance, Luther and Calvin. The necessary political background is sketched and due attention given to social and economic developments.

A weekly tutorial will be offered to Pass students.

An additional seminar will also be available to Honours students.

Recommended Texts

Easton, S. C.
Tierney, Kagan & Williams
Kitto, H. D. F.
Barrow, R. H.
Grant, M.
Scullard, H. H.
Downey, G.
Chambers, M. (ed.)
Katz, S.
Drew, K. F. (ed.)
Heer, F.
Scott, M.
Waley, D.
Nicholas, D.
Hollister, C. W.
Hill, B. D.
Young, C. R. (ed.)
Haskins, C. H.
Ferguson, W. K.
Chadwick, O.
Elton, G. R.

A Brief History of the Western World (Barnes and Noble paperback)
Great Issues in Western Civilisation Vol. I (Random House paperback)
The Greeks (Pelican)
The Romans (Pelican)
The World of Rome (Mentor)
From the Gracchi to Nero (University paperback)
The Late Roman Empire (Berkshire Studies in History)
The Fall of Rome (European Problem Studies)
The Decline of Rome and the Rise of Medieval Europe
The Barbarian Invasions (European Problem Studies)
The Medieval World (Mentor)
Mediaeval Europe (Longmans)
Later Medieval Europe (Longmans)
The Medieval West (The Dorsey Press)
Mediaeval Europe (J. Wiley & Sons)
Church and State in the Middle Ages (Major Issues in History, J. Wiley & Sons)
The Twelfth Century Renaissance (European Problem Studies)
The Renaissance of the Twelfth Century (Meridan Books)
The Renaissance (Berkshire Studies in History)
The Reformation Vol. 3 (Pelican History of the Church)
Reformation Europe (Fontana)
HISTORY II B
AUSTRALIAN AND AMERICAN HISTORY
(Three hours per week — not available in the evening in 1974)
This course is made up of detailed studies of the History of Australia and the United States. The Australian section consists of a general treatment of particular topics such as national character and the Federation movement. The American section will survey the United States comprehensively from the first settlements until the New Deal, concentrating on the nineteenth century.
A weekly tutorial will be offered to Pass students.
An additional seminar will also be available to Honours students.

Recommended Texts
Shaw, A. G. L. The Story of Australia (Faber)
Greenwood, G. (ed.) Australia: a Social and Political History (Angus & Robertson)
Jupp, J. Australian Party Politics (M.U.P.)
Yarwood, A. T. Asian Migration to Australia (M.U.P.)
Clark, C. M. H. (ed.) Sources of Australian History (O.U.P.)
Crawford, R. M. Australia (Hutchinson Univ. Library)
Hofstadter, Miller & Aaron OR
Current, Williams & Freidel
Ver Steeg, C. L. & Hofstadter, R. (eds.)
Hofstadter, R.
Miller, J. C.
Turner, F. J.
Fredman, L. E.

HISTORY III A
ASIAN HISTORY
(Four hours per week — not available in the evening in 1974)
This course covers the history of the three major Eastern civilizations of India, China and Japan, the development of each of these civilizations being traced from its early origins to the present day. In the case of China and Japan considerable emphasis is placed on the crises produced within these societies by the appearance of an industrial West and the accompanying demands based on an intellectual tradition entirely alien to their own. The Indian section of the course deals with development of the Hindu religion, the rise of caste and the culture confrontation with Islam under the Mughal Empire. In the modern period it emphasizes the rise of nationalism, the independence movement, and post-independence politics in both India and Pakistan.
Tutorials and seminars will be provided. The examination for the Indian section will be held early in Second Term and that for China and Japan in November.

Recommended Books
De Bary, Chan & Watson (eds.) Sources of Chinese Tradition
Tsunoda, de Bary & Keene (eds.) Sources of Japanese Tradition
Reischauer, E. O. & Fairbank, J. K. East Asia: The Great Tradition East Asia: The Modern Transformation
Beckman, G. M. China: The Modernization of China and Japan (3 vols.) (Pelican)
Schurmann, F. & Schell, O. The Modernity of Tradition
Embree, A. T. The Emergence of Indian Nationalism Essays on Gandhian Politics
Dobbin, C.
Thapar, R. & Spear, P. India's Search for a National Identity (Knopf)
Rudolph, L. I. & S. H. The Politics of Pakistan (Cornell)
Seal, A. Wheeler, R. S.
Kumar, R. (ed.) Embree, A. T.

* Students must have their own copy of this book.
HISTORY IIIB
BRITISH HISTORY, C 1450 ONWARDS
(Three hours per week)
This course covers the period since 1450. It involves a treatment of various important themes in some depth. The main theme is that of constitutional development—the evolution of parliamentary government—but due attention is paid to parallel economic and social developments, particularly to those matters which were of special relevance at different times, such as the religious problems of the sixteenth and seventeenth centuries, the Industrial Revolution, and the problems of Ireland and the Empire.

Basic Texts
Keir, D. L.  The Constitutional History of Modern Britain
Cantor, N. F. & Werthman, M. S.  The English Tradition (2 vols.)
Lockyer, R.  Henry VII
Bindoff, S. T.  Tudor England
Neale, J. E.  Elizabeth and Her Parliaments
Lockyer, R.  Tudor and Stuart Britain
Aylmer, G. E.  A Short History of Seventeenth Century England
Tanner, J. R.  English Constitutional Conflicts of the Seventeenth Century
Kenyon, J. P.  The Stuart Constitution
Hill, C.  The Century of Revolution
Plumb, J. H.  England in the Eighteenth Century
Jarrett, D.  Britain 1688-1815
Ashiton, T. S.  The Industrial Revolution
Thomson, D.  England in the Nineteenth Century
Webb, R. K.  Modern England
Young, G. M.  Victorian England, Portrait of an Age

HISTORY IIIIT
ASPECTS OF MODERN EUROPEAN HISTORY, FROM 1789 ONWARDS
(Three hours per week, plus compulsory weekly tutorial)
The present History IIIIT course will be continued only in 1974 and 1975. It will cover the same ground as the present History I. It is available only to students who passed History I before 1973. Students taking this course will attend History I lectures but will be placed in separate tutorial groups, given different essays, and be required to sit a separate examination.
For details and booklist see under History I.
No student will be permitted to count towards the degree both the present History I course and History IIIIT.

HISTORY IV
In order to qualify for admission to History IV, a student must have completed at least one Part III subject in History and must satisfy the Head of the Department that his over-all performance in History subjects makes him a suitable candidate.
History IV will consist of four lecture/seminar courses together with a minor thesis. The lecture/seminar courses will include three "core" courses—"Studies in Australian History", "Historiography" and "The History of Political Thought". The fourth course will be varied from time to time by the Head of the Department. In addition to the formal courses, students will be required to produce a minor thesis of between 10,000 and 15,000 words in length, and based upon acceptable primary or secondary sources. The topic may be chosen either from a field covered by one of the History IV formal courses or from any other historical field.
Prospective Fourth Year students should consult the Head of the Department as soon as possible after the examination results are published to ascertain whether they are acceptable candidates, and to hold preliminary discussions regarding a thesis topic. Candidates accepted will be required to begin work on the thesis not later than 1st February.
In 1974, History IV will consist of the following formal courses:

HISTORIOGRAPHY  2 hours per week for two terms
STUDIES IN AUSTRALIAN HISTORY  2 hours per week for two terms
HISTORY OF POLITICAL THOUGHT  2 hours per week for three terms
MEDIAEVAL HISTORY  2 hours per week for two terms
This course consists of two strands, each of one hour per week. One deals with the work of such outstanding historians as Herodotus, Thucydides, Gibbon, Macaulay, Buckle, Froude, Lecky, Ranke, Acton, Trevelyan and Toynbee, and is mainly concerned with the broader concepts of historical writing.

The other strand will deal with two historical problems, Objectivity and Causation, with varied examples and two class exercises drawn from specific historical controversies.

**Prescribed Text**
Dray, W. H. *Philosophy of History* (Prentice-Hall)

**Recommended Texts**

Aron, R. *Introduction to the Philosophy of History*
Carr, E. H. *What is History*
Dray, W. H. (ed.) *Philosophical Analysis and History*
Hook, S. (ed.) *Philosophy and History*
Stretton, H. *The Political Sciences*  
Walsh, W. H. *An Introduction to the Philosophy of History*

Reading for the class exercises will be provided later.

**STUDIES IN AUSTRALIAN HISTORY**

This course of some twenty two-hour lectures and seminars covers two fields, Australian constitutional history, and Australian problems 1788-1821. It aims to treat the main issues in these fields in some depth. Students will be expected to read in monograph and periodical literature and to make some use of such primary sources material as *The Historical Records of New South Wales and Australia*, the *Bigge Reports* and Clark's Select Documents.

**Preliminary Reading**

Greenwood, G. (ed.) *Australia, A Social and Political History*  
Clark, C. M. H. *A History of Australia*  
Melbourne, A. C. V. *Early Constitutional Development in Australia*  
Sawer, G. *Australian Federal Politics and Law*  
Ellis, M. H. *Lachlan Macquarie, His Life, Adventures and Times*  
LINGUISTICS

Linguistics is the study of the structure of language. In particular, it seeks to discover what is common to the structure of ALL languages, so that the basic principles by which they work will be understood. It therefore has natural common borders with other language subjects, including English. While it is not essential to have expertise in a foreign language in order to study the subject, it would make good academic sense to couple Linguistics and the study of any other language.

Since Linguistics bears on the relationship between language and thought, and has as one of its special interests the acquisition and development of language in children, it also has important connexions with such subjects as Philosophy, Psychology, and Education. In particular, elementary logic is important for students who contemplate taking Linguistics to Honours level.

For 1974 only, a pass in at least one of the following Part I subjects is a prerequisite for Linguistics IIA: English I, French I, German I, Greek I, Latin I, Sanskrit I. In other words, in 1974, students who have passed one of the prerequisites may enter Linguistics IIA without first taking Linguistics I.

LINGUISTICS I

This course will involve four hours a week of lectures and tutorials. It will introduce students to some elementary descriptive devices that are used in the study of particular languages, and will lead on to an elementary consideration of general linguistic theory. It will consist of the following components:

(a) Basic concepts in syntax and morphology
(b) Some techniques for investigating language structure
(c) The role of social context in language use; in particular the relationship between social context and meaning.
(d) The acquisition of language by children, as a problem that can throw light on general linguistic theory.

Texts

Britton, James
Fries, C. C.
Greenberg, Joseph, H.
Lenneberg, Eric H.
Sapir, Edward

Language and Learning
The Structure of English
Anthropological Linguistics: An Introduction
New Directions in the Study of Language
Language
(Penguin)
(Harcourt Brace)
(Random House)
(M.I.T. Press)
(Harvest Books)

LINGUISTICS IIA (1974 only)

A course of four hours per week throughout the year (three lectures and one tutorial).

Prerequisite: A pass in at least one of the following Part I subjects: English I, French I, German I, Greek I, Latin I or Sanskrit I.

The course is made up of two main parts, as follows:

A. STRUCTURAL THEORY

1. Introduction (7 lectures)
A consideration of basic problems of definition and methodology. A critical examination of certain modern theories of linguistics.

2. Phonology (8 lectures)
A study of the principles of acoustic and articulatory phonetics. A distributional description of phonemes; the influence of phonemic environment; the suprasegmental phonemes.

3. Morphology (8 lectures)
Morphemic classes; structural, historical and semantic problems in the determination of boundaries; the nature of the morphemic information conveyed by phonemes.

4. Structural Syntax and Semantics (19 lectures)
An introduction to structural syntax. The grammar of the spoken language contrasted with the grammar of the written language. Some possible approaches to the problem of semantics.

B. TRANSFORMATIONAL THEORY

A treatment of the formal machinery of a transformational grammar, organised into the following segments:

1. Syntax (22 lectures)
The English verb and complement systems will be used to show the formal operation of phrase structure rules and transformational rules.

2. Semantics (10 lectures)
The relationship between meaning and the rest of a grammar will be studied, with special concentration on lexical relations, presuppositions and projection rules.

3. Phonology (10 lectures)
Emphasis will be on those aspects of generative phonology that are different from structural phonology; in particular, the use of distinctive features, phonological and phonetic matrices and cyclic rules.
A course of four hours per week throughout the year (three lectures and one tutorial).

A. STRUCTURAL THEORY

1. Phonology and Morphology (12 lectures)
   An allophonic analysis of certain sequence patterns. Duration; stress; intonation patterns; the grammar of those patterns. Morphemic sequence; morphemic, allophonic and semantic changes resulting from environmental shift; morpholexical variations.

2. Structural Syntax and Semantics (15 lectures)
   The structure of sentences. Cross boundary relationships; the syntax of substitution; certain verb structures; the structural distribution of meaning.

3. Language and Style (15 lectures)
   The relation between syntax and style. The grammar of irony; the grammar of persuasion.

B. TRANSFORMATIONAL THEORY

A continuation of the work begun in Linguistics IIA, in the following areas:

1. Syntax (22 lectures)
   A transformational treatment of pronouns, conjunctions, relative clauses, negation and quantifiers, and an exploration of constraints that seem to operate on derivations.

2. Semantics (10 lectures)
   Deep and surface structure interpretive theories will be compared with the theory of generative semantics.

3. Phonology (10 lectures)
   A detailed examination of the rules that assign stress in English, and a description of word-level phonology.

REFERENCES

Halliday, M. A. K.
Lakoff, G. (ed.)
Nida, Eugene A.
Reibel, David A. & Schane, Sanford S.

LINGUISTICS IV

In order to qualify for admission to Linguistics IV, a student must normally have passed at Credit level or better in Linguistics IIA and Linguistics IIIA, though in exceptional cases, where there is evidence that a student is capable of undertaking an Honours course satisfactorily, this condition may be waived.

Linguistics IV will consist of four hours of lectures and seminars per week. The following strands will be covered:

1. Syntax
2. Semantics
3. Phonology

An Honours thesis will be required from each candidate.
MATHEMATICS I
A subject of four lectures and two tutorial hours per week for three terms comprising the following topics. Summaries of these topics together with extended booklists will appear in the handbook of the Faculty of Mathematics and will also be available from the Department.

TOPIC
AN  Real Analysis
AL  Algebra
CA  Calculus
NM  Numerical Mathematics

Prescribed Texts
AN  Calculus Vol. I 2nd ed. T. Apostol (Ginn Blaisdell 1967)
    OR  Real Analysis - An introductory course J. R. Giles (Wiley 1973)
AL  A Basis for Linear Algebra W. Brisley (Wiley 1973)
CA  Calculus Vol. I 2nd ed. T. Apostol (Ginn Blaisdell 1967)
NM  Basic Fortran IV Programming J. M. Blatt (Computer Systems of Australia Pty Ltd 1969)

PART II SUBJECTS
The following topics are offered by the Mathematics Department. Certain combinations of these topics specified below will comprise the Part II subjects offered by the Department; each topic consists of about 27 lectures and 13 tutorials. A pass in Mathematics I is a prerequisite for entry to each Part II subject given by the Department; in addition some topics will require other topics as a corequisite or prerequisite as shown. Summaries of these topics together with extended booklists will appear in the handbook of the Faculty of Mathematics and will also be available from the Department.

TOPIC
A  Mathematical Models  ......  C
B  Complex Analysis  ......  C
C  Calculus and Vector Calculus  ----
D  Linear Algebra  ......  ----
E  Differential Equations and Integral Transforms  ......  ----
   COREQUISITE OR PREREQUISITE TOPIC

F  Numerical Analysis and Computing  ----  ----
G  Fourier Series, Partial Differential Equations and Special Functions  ----  ----  ----
H  Probability and Statistics  ......  ......  C
I  Topic in Statistics
e.g. Non-parametric Methods  ----
J  Topic in Applied Mathematics
e.g. Mechanics  ......  C E
K  Topic in Pure Mathematics
e.g. Group Theory  ----
L  Analysis of Metric Spaces  ----

Prescribed Texts
Topic A—Mathematical Models
No prescribed text.

Topic B—Complex Analysis
Complex Variables with Physical Applications A. A. Hauser (Simon & Schuster 1971)
OR
Complex Variables N. Levinson & R. M. Redheffer (Holden-Day 1970)
OR
Theory and Problems of Complex Variables Murray R. Spiegel (Schaum 1964)

Topic C—Calculus and Vector Calculus

Topic D—Linear Algebra
No prescribed text.

Topic E—Differential Equations and Integral Transforms

Topic F—Numerical Analysis and Computing
A First Course in Numerical Analysis A. Ralston (McGraw-Hill 1965)
OR
MATHEMATICS IIA

A subject of four lectures and two tutorial hours per week comprising either topics G, J, K and L or topics H, I, K and L. Subject to the consent of the Head of the Department one topic from A to J may be substituted for one of the topics I or J. In exceptional circumstances, and with the consent of the Head of Department, a substitution may be made for topic L.

NOTES

1. Students may, with the consent of the Head of Department, take Mathematics IIB in two parts each of two lectures per week for three terms.
2. In order to pass both Mathematics IIA and Mathematics IIB a student must study all the topics A to H above and offer them for examination.
3. Mathematics IIA is a corequisite or prerequisite for Mathematics IIC.
4. In order to pass in all three Part II subjects a student must study all twelve topics and offer them for examination.
5. Students whose course includes Physics IIIA are advised to include topics C, E, G and H in their part II mathematics subjects.
6. Students who passed one part II Mathematics subject prior to 1974 should consult the Mathematics department regarding consequences of the change of code letter for the topic "Analysis of Metric Spaces."

TRANSITION ARRANGEMENTS

A student who has passed some Part II subjects prior to 1969 and wishes to continue with Mathematics may proceed according to the pattern detailed on p.155 of the 1970 handbook.

PART III SUBJECTS

The Mathematics Department offers two Part III subjects, each comprising four topics. Students wishing to proceed to Mathematics IV will be required to take both these subjects together with additional topics from the list below as prescribed by the Head of Department. Subject to the transition arrangements set out on p.195 of the 1973 handbook, a pass in Mathematics IIA and Mathematics IIC is a prerequisite for entry to Mathematics IIIA. Students taking Mathematics III B are required to study Mathematics IIIA as a pre- or corequisite. Certain combinations of the topics specified below will comprise the Part III subjects offered by the Department; each topic consists of about 27 lectures and 13 tutorials. Summaries of these topics, together with extended booklists, will appear in the handbook of the Faculty of Mathematics and will also be available from the Department. It is assumed that every student enrolling for a Part III mathematics subject has studied the Part II topics B, C, D and K. Some Part III topics require additional Part II or Part III topics as corequisites or prerequisites as shown.
<table>
<thead>
<tr>
<th>TOPIC</th>
<th>PREREQUISITE</th>
<th>COREQUISITE</th>
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<tbody>
<tr>
<td>M</td>
<td>General Tensors</td>
<td>—</td>
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<tr>
<td>N</td>
<td>Variational Methods</td>
<td>—</td>
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<tr>
<td>O</td>
<td>Mathematical Logic</td>
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<td>P</td>
<td>Differential and Integral Equations</td>
<td>—</td>
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<td>PD</td>
<td>Theory of Partial Differential Equations</td>
<td>E</td>
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<td>Q</td>
<td>Fluid Dynamics</td>
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<td>R</td>
<td>Probability and Statistics</td>
<td>—</td>
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<td>S</td>
<td>Geometry</td>
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<td>T</td>
<td>Group Theory</td>
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<td>U</td>
<td>Operations Research</td>
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<tr>
<td>V</td>
<td>Measure Theory and Integration</td>
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<tr>
<td>W</td>
<td>Analysis of Normed Linear Spaces</td>
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<td>X</td>
<td>Rings and Fields</td>
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<tr>
<td>Y</td>
<td>Topic in Applied Probability e.g. information theory</td>
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<tr>
<td>Z</td>
<td>Mathematical Principles of Numerical Analysis</td>
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**Prescribed Texts**

**Topic M—General Tensors**

*Tensor Calculus*  
J. Abram  
(Butterworths 1965)

**Topic N—Variational Methods**

*Calculus of Variations*  
L. E. Elsgolc  
(Pergamon Press 1963)

**Topic O—Mathematical Logic**

No prescribed text.

**Topic P—Differential and Integral Equations**

*Ordinary Differential Equations and Stability Theory: an Introduction*  
D. A. Sanchez  
(San. Fran., Freeman 1968)

**AND**

*Linear Integral Equations*  
W. V. Lovitt  
(N.Y., Dover 1950)

**Topic PD—Theory of Partial Differential Equations**

*Theory of Partial Differential Equations*  
H. M. Lieberstein  
(Academic Press 1972)

**Topic Q—Fluid Dynamics**

*Elementary Classical Hydrodynamics*  
B. H. Chirgwin & C. Plumpton  
(Pergamon Press 1967)

**OR**

*Theoretical Hydrodynamics 5th ed.*  
L. M. Milne-Thompson  
(London, Macmillan 1968)

**Topic R—Probability and Statistics**

*Probability Distributions and Statistics*  
Peter W. Zehna  
(Allyn & Bacon 1970)

**Topic S—Geometry**

*Projective Geometry*  
F. Ayres Jnr.  
(Schaum 1967)

**AND**

*An Introduction to Finite Projective Planes*  
A. A. Albert & R. Sandler  
(Holt-Rinehart-Winston 1968)

**Topic T—Group Theory**

*The Theory of Groups*  
I. D. Macdonald  
(Oxford Univ. Press 1968)

**OR**

*Group Theory*  
B. Baumslag & B. Chandler  
(Schaum 1968)

**Topic U—Operations Research**

No prescribed text.

**Topic V—Measure Theory and Integration**

*The Elements of Integration*  
R. G. Bartle  
(N.Y., Wiley 1966)

**Topic W—Analysis of Normed Linear Spaces**

*Elements of Functional Analysis*  
A. L. Brown & A. Page  
(Van Nostrand, Reinhold 1969)

**Topic X—Rings and Fields**

*Topics in Algebra*  
I. N. Herstein  
(Blaisdell 1965)

**Topic Y—Topic in Applied Probability e.g. Information Theory**

*Information Theory*  
R. Ash  
(N.Y., John Wiley 1965)

**Topic Z—Mathematical Principles of Numerical Analysis**

*A Course in Numerical Analysis*  
H. M. Lieberstein  
(Harper & Row 1968)
MATHEMATICS IIIA

A subject of four lectures and two tutorial hours per week for three terms. This subject comprises four topics which must include O, and either P, Q, R or U. In addition, students taking this subject will be required to complete an essay on a topic chosen from the history or philosophy of Mathematics.

MATHEMATICS IIIB

A subject of four lectures and two tutorial hours per week for three terms comprising four topics chosen from the fifteen listed above.

Note

In order to pass both Mathematics IIIA and Mathematics IIIB, a student must study eight topics from M to Z above. Topic O, and either P, Q, R or U must be included in these eight topics. Students aiming to take Mathematics IV will be required to study additional topics.

MATHEMATICS IV

A student desiring admission to this subject must apply in writing to the Head of Department before 7th December of the preceding year.

This subject extends over one full-time or two part-time academic years and will be examined by about eight papers, each of two hours duration. Each student will be required to present a thesis; i.e., a study under direction of a special topic using relevant published material and presented in written form.

The topics offered may be chosen from any branch of Mathematics including Pure Mathematics, Applied Mathematics, Statistics, Computing Science and Operations Research as exemplified in the publication Mathematical Reviews. In any one year it is hoped that up to 20 topics, each of about 27 lectures, will be offered. Students will be expected to present about eight of these for examination. Summaries of topics which may be offered in 1974 will appear in the handbook of the Faculty of Mathematics and will also be available from the Department.

DEPARTMENT OF PHILOSOPHY

GENERAL NOTE: One subject only is offered in First Year and Fourth Year, but two subjects are offered in Second Year and Third Year, of which students may take one or both. For each subject there will be two examination papers.

To enrol in Fourth (Honours) Year, students should have completed at least four Philosophy subjects and obtained in each at least Credit grading. In addition to course work, Fourth Year students will write a thesis.

PHILOSOPHY I

SECTION 1: INTRODUCTION TO PHILOSOPHY

(1½ hours weekly)

This section is an introduction to Philosophy, and is divided into two parts. The first part is concerned with Plato’s theory of education, political authority, the nature of the soul and its immortality, and universals. The second part is concerned with Descartes’ quest for infallible knowledge, his theory of innate ideas, and his attempt to prove the existence of God and the immaterial character of the soul.

Texts

Plato

Descartes

References

Burnet, J.

Guthrie, W. K. C.

Kenny, A.

Taylor, A. E.

The Last Days of Socrates

Philosophical Writings ed. Anscombe and Geach

Greek Philosophy

The Greek Philosophers (Methuen)

Descartes

Plato: the Man and his Work (Macmillan)

SECTION 2: LOGIC AND SCIENTIFIC METHOD

(1½ hours weekly)

Both traditional and modern logic are introduced in this course, which is adapted to students with no previous acquaintance with formal logic. The use of sound rules of inference and of methods of natural deduction is studied. Such topics as classification, division and definition link the traditional logic with an introduction to scientific method, and in this segment of the course questions relating to the testing of hypotheses and to induction are also considered.

Some lecture notes will be provided, and a text and reference list will be issued at the beginning of the course.
Text
Lemmon, E. J.  
*Beginning Logic*  
(Nelson)

TUTORIALS

Some tutorial assistance will be provided. Details of the tutorial programme will be published at the beginning of first term.

EXAMINATION AND OTHER REQUIREMENTS

Normally Sections 1 and 2 are each examined in a three hour paper in November. Students are also required to submit during the year a prescribed number of papers or exercises, including one longer essay of about 2,000 words.

It is hoped in 1974 to present Section 2 in two parts. The first would be completed in first term, and then examined — a second examination would be available in November; the second part would be one of a set of options, selection of which should be discussed with the Department.

PHILOSOPHY II

Two subjects may be taken in Philosophy II: Philosophy IIA and Philosophy IIB. Philosophy IIA consists of Section 1 and one of the options. Philosophy IIB, which can be taken only if Philosophy IIA is taken, consists of two other options.

SECTION 1: BASIC EMPIRICISM (2 hours weekly)

A study of problems in metaphysics and theory of knowledge as they arise and are exemplified in the philosophy of Locke, Berkeley and Hume. Special attention will be paid to Locke's empiricist presuppositions, Berkeley's doctrine of abstract ideas, his theory of sensible qualities and his account of the nature of spirit. Lectures on Hume will consider in particular his analysis of the causal relation and his theories of belief.

Texts

Locke  
*Essay Concerning the Human Understanding* ed. Cranston  
(Collier)

Berkeley  
*Philosophical Writings* ed. Armstrong  
(Collier)

Hume  
*Treatise of Human Nature*  
(Fontana)

Students intending to major in Philosophy are advised to possess Yolton's ed. of Locke's *Essay* (Everyman) and Selby Bigge's ed. of Hume's *Treatise* (Oxford).

References

Gibson, J.  
*Locke's Theory of Knowledge*  
(Cambridge)

Passmore, J.  
*Hume's Intentions*  
(Cambridge)

Aaron, R. I.  
*John Locke*  
(Oxford)

Warnock, G. J.  
*Berkeley*  
(Pelican)

Kemp Smith, N.  
*David Hume*  
(Macmillan)

Bennett, J.  
*Locke, Berkeley, Hume*  
(O.U.P.)

Yolton, J.  
*Locke and the Compass of Human Understanding*  
(C.U.P.)

PHILOSOPHY III

Two subjects may be taken in Philosophy III: Philosophy III A and Philosophy III B. Philosophy III A consists of Section 1 and one of the options. Philosophy III B, which can be taken only if Philosophy III A is taken, consists of two other options.

Because of the pattern of options, it is advisable for students to consult the Department before enrolling.

SECTION 1: RATIONALISTS AND KANT (2 hours weekly)

The course begins with some logical and epistemological questions arising in Leibniz and Spinoza. It then proceeds to a study of selected topics in Kant's *Critique of Pure Reason*, including the classification of judgments, the nature of space and time, causality, the cosmological antinomies, and the arguments for the existence of God. Some reference will also be made to Kant's ethical position.

Texts

The Rationalists: Descartes, Spinoza, Leibniz  
(Doubleday)

Kant  
*Critique of Pure Reason*  
(Macmillan)
References
Russell, B. The Philosophy of Leibniz (Allen and Unwin)
Hampshire, S. Spinoza (Penguin)
Ewing, A. C. A Short Commentary on Kant's Critique of Pure Reason (Methuen)
Kemp Smith, N. A Commentary to Kant's Critique of Pure Reason (Macmillan or Russell & Russell)
Strawson, P. F. The Bounds of Sense (Methuen)
Kemp, J. The Philosophy of Kant (O.U.P.)

OPTIONS
Not all options listed can be guaranteed in 1974. Students should enrol in Philosophy IIA, IIB, IIIA, IIIB, and make final decisions about options in consultation with the Department.

1. EARLY GREEK PHILOSOPHY (2 hours weekly)
A course on basic philosophic problems, developed in terms of the origins of philosophy, from prior to Thales (the first recognised philosopher: 624-546 B.C.) to Socrates (470-399 B.C.). These problems arise repeatedly in both science and philosophy unto the present day — and may well be expected to arise in future.

Text
Burnet, J. Early Greek Philosophy (Meridian or A. & C. Black)

References
Burnet, J. Early Greek Philosophy: Thales to Plato (Macmillan)
Cornford, F. M. From Religion to Philosophy (Harper)
Farrington, B. Greek Science (Pelican 20142)
Kitts, H. D. F. The Greeks (Pelican 20220)

2. PHILOSOPHY OF MIND/PHILOSOPHY OF RELIGION
PHILOSOPHY OF MIND (2 hours per week for half a year)
The course will include a critical survey of the main theories of the relation between mental states and processes, and physical states and processes. Some attention will be given to the problems of personal identity, and other minds; and analyses will be attempted of such concepts as introspection, sensation, perceptual experience, and intention.

Texts
Ryle, G. The Concept of Mind (Peregrine or HUL Paperback)
Hook, S. (ed.) Dimensions of Mind (Collier paperback)
Chappell, V. C. (ed.) The Philosophy of Mind (Prentice-Hall paperback)
Flew, A. (ed.) Body, Mind and Death (Macmillan paperback)

References
Armstrong, D. M. A Materialist Theory of the Mind (Routledge & Kegan Paul)
Geach, P. Mental Acts (Routledge & Kegan Paul)
Malcolm, N. Dreaming (Routledge & Kegan Paul)
Shaffer, J. A. Philosophy of Mind (Prentice-Hall paperback)

PHILOSOPHY OF RELIGION (2 hours per week for half a year)
The course will provide an introduction to some of the main philosophical problems posed by religious and theological thought. The problems to be discussed will include the nature of the concept of God, the possibility of religious knowledge, and the conditions governing religious discourse and inquiry.

Texts
Hick, J. (ed.) The Existence of God (Collier Macmillan)
Flew, A. & McIntyre, A. (eds.) New Essays in Philosophical Theology (S.C.M.)
Hume, D. Hume on Religion ed. R. Wollheim (Fontana)
Farrer, A. Reflective Faith (S.P.C.K.)
References
Pike, N.  
God and Timelessness  
(Routledge & Kegan Paul)

Smart, N.  
The Concept of Worship  
(Macmillan)

Christian, W. A.  
Meaning and Truth in Religion  
(Princeton)

Mansel, H. L.  
The Limits of Religious Thought  
(A.M.S.)

3. SOCIAL PHILOSOPHY (2 hours weekly)
The course will consider different mentalities or attitudes and their manifestation in theories and social institutions (political, religious, ethical, educational, etc.). Special attention will be paid to authoritarianism and egalitarianism in politics, and to the dynamics of religion. The course will conclude with a discussion of some methodological problems arising in social sciences, including Max Weber's 'ideal types'.

Recommended Texts
Barbu, Z.  
Democracy and Dictatorship  
(Routledge)

Barbu, Z.  
Problems of Historical Psychology  
(Routledge)

Brodbeck, M. (ed.)  
Readings in the Philosophy of Social Sciences  
(Macmillan)

Dray, W. H. (ed.)  
Philosophical Analysis and History  
(Harper and Row)

Feuerbach, L.  
The Essence of Christianity  
(Harper)

Fromm, E.  
Fear of Freedom  
(Routledge)

Friedrich, C. J. (ed.)  
Totalitarianism  
(Grosset)

Hegel, G. W. F.  
On Christianity  
(Harper)

Tillich, P.  
Dynamics of Faith  
(Harper and Row)

Troeltsch, E.  
The Social Teaching of the Christian Churches  
(Allen and Unwin)

Weber, M.  
The Methodology of the Social Sciences  
(Free Press)

4. POLITICAL PHILOSOPHY (2 hours weekly)
The first section of the course will consider contributions of some of the major political philosophers (Plato, Machiavelli, Hobbes, Locke, Rousseau, Hegel, etc.). The second and larger section of the course will be devoted to an examination of Marxist doctrine, including such topics as the dialectic, historical materialism, social determinism, the nature of law and the state, alienation and the classless society.

Texts
Acton, H. B.  
The Illusion of the Epoch  
(Cohen & West)

Fromm, E.  
Marx’s Concept of Man  
(Ungar)

References
Sabine, G.  
A History of Political Theory  
(Harrap)

Plamenatz, J.  
Man and Society 2 vols.  
(Longmans)

Popper, K.  
The Open Society and its Enemies 2 vols.  
(Routledge)

Marx & Engels  
Selected Writings 2 vols.  
(Moscow)

Lenin  
The State and Revolution  
(Moscow)

Kamenka, E.  
The Ethical Foundations of Marxism  
(Routledge)

5. RECENT BRITISH PHILOSOPHY (2 hours weekly)
This course aims at introducing students to the background, and to some focal problems, of contemporary British philosophy.

Books
Reasonably detailed accounts of the period will be found in
Warnock, G. J.  
English Philosophy since 1900  
(HUL)

Passmore, J. A.  
A Hundred Years of Philosophy  
(Pelican)

Essential Reading
Ayer, A. J.  
Language, Truth and Logic  
(Gollancz)

Urmson, J. O.  
Philosophical Analysis  
(O.U.P.)

Strawson, P. F.  
Philosophical Logic  
(O.U.P.)

Individuals  
(O.U.P.)
6. ETHICS (2 hours weekly)

This course aims at giving a qualitative (and so “positive”) meaning to the words “good” and “bad” (or “evil”), in a development of the ethical material of John Anderson (as expressed in *Studies in Empirical Philosophy* [Angus and Robertson]). It will require a willingness to investigate the justifications for, and the objections to, psychoanalytic theory. A critical exposition of a Platonic dialogue (probably the *Gorgias*) will form a considerable part of the course. The development of the theory of John Anderson (and Socrates) will be applied to Hobbes, Butler and Mill.

**Texts**

Anderson, J. *Studies in Empirical Philosophy* (Angus & Robertson)

Plato

*Gorgias* (Penguin)

(or in: *Socrates Dialogues* tr. Woodhead (Nelson))

Suttie, I. D. *The Origins of Love and Hate* (Peregrine)

Sidgwick, H. *History of Ethics* (Macmillan)

Taylor, A. E. *Plato: the Man and his Work* (Macmillan)

Plato

*Republic* (Penguin or Everyman)

**References**

Hobbes

*Leviathan*

Butler

*Sermons*

Mill

*Utilitarianism*

Brown, J. A. C.

*Freud and the Post-Freudians*

Fromm, E.

*Fear of Freedom*

Sargent, W.

*Battle for the Mind*

Danielsson, B.

*Love in the South Seas*  
*The Happy Island*

Freud, S.

"Analysis of a Phobia in a Five Year Old Boy"  
(Collected Papers, Vol. III, Case ii)

Malinowski

*Sex and Repression in Savage Society*
PSYCHOLOGY I

Psychology I consists of three lectures, one one-hour practical session and one one-hour tutorial per week. The final examination consists of one three-hour paper plus an assessment of the practical work carried out by the student throughout the year.

The subject is a general introduction to psychology and includes social psychology, learning theory, motivation, developmental psychology, physiological psychology, comparative psychology, theory of measurement and descriptive statistics and statistical analysis of data.

Text Books
Hilgard, E. R., Atkinson, R. C., & Atkinson, R. L.
Krech, D., Crutchfield, R. S. 
Morgan, C. T. & King, R. A.

Introduction to Psychology
5th ed. (N.Y., Harcourt Brace Jovanovich 1971)
Elements of Psychology
2nd ed. (N.Y., Alfred A. Knopf 1969)
Introduction to Psychology

Additional texts may be recommended at the beginning of the course.

PSYCHOLOGY II A

A subject consisting of three lectures, one two-hour practical session and one one-hour tutorial per week. The final examination consists of two three-hour papers plus an assessment of the practical work carried out by the student throughout the year. The course includes the following topics:

- The psychology of learning, physiological psychology, developmental psychology, social psychology, psychological testing and measurement, and statistics.

No specific texts are set for other courses but recommendations are made at the beginning of the courses.

PSYCHOLOGY III A

A subject consisting of four lectures and up to five hours practical work per week.

The practical work is divided into:
(a) Laboratory sessions, totalling three hours per week.
(b) An investigation carried out under supervision. The topic of this will usually be selected by the student, although some restrictions may be decided by the Department. Work on this will take two hours per week.

The course includes the following topics: personality and psychodynamics, cognition, perception, physiological psychology, and animal behaviour.

The final assessment of students will consist of two 3-hour papers plus an assessment of practical work carried out during the year.

PSYCHOLOGY III B

A subject consisting of four lectures and five hours practical work per week. The practical work consists of interviewing and test training workshops with field work totalling five hours per week.

The lecture course includes lectures on social psychology, psychopathology, personality assessment, developmental psychology, and factor analysis.

The final assessment of students will consist of two 3-hour papers plus an assessment of practical work carried out during the year.

PSYCHOLOGY IV

The subject consists of lectures and seminars for about four hours per week and experimental work to be reported in thesis form. The final examination consists of two three-hour papers together with an assessment of the thesis material. The student is expected to cover the fields of: abnormal and clinical psychology, animal behaviour, developmental psychology, learning and cognition, motivation, perception, personality, physiological psychology, quantitative psychology, and social psychology.