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PRINCIPAL DATES
1972

JANUARY
1 Saturday New Year’s Day
3 Monday New Year’s Day Holiday
7 Friday Last day for lodgement of Re-Enrolment Forms—Continuing Students
17 Monday Deferred Examinations begin
21 Friday Last day for lodgement of Applications for Admission from persons resident in Australia who were enrolled in another Australian University in 1971 or who are seeking admission on the basis of examination results which were not available by 1st November, 1971.
29 Saturday Last Day of Deferred Examinations
31 Monday Public Holiday — Australia Day

FEBRUARY
16 Wednesday to
18 Friday New students required to attend the University in person to have their enrolment approved and to pay fees.
22 Tuesday Last day for payment of First Term Course Fees and Annual General Services Fee (i.e. the lodgement of enrolment approvals with the Cashier together with fees, scholarship voucher, fees warrant or extension notice)
28 Monday FIRST TERM begins

MARCH
17 Friday Graduation Day
31 Friday Public Holiday — Good Friday

APRIL
1 Saturday to
4 Tuesday
25 Tuesday Public Holiday — Anzac Day

MAY
13 Saturday FIRST TERM ends

JUNE
5 Monday SECOND TERM begins
12 Monday Public Holiday — Queen’s Birthday
16 Friday Last day for payment of Second Term Fees. Last day for acceptance of applications for examinations.

JULY
10 Monday Last day for withdrawal without academic penalty from courses in the faculties of Arts and Economics and Commerce. For information regarding fees payable on withdrawal refer to page 39.

AUGUST
12 Saturday SECOND TERM ends
PRINCIPAL DATES

SEPTEMBER

4 Monday  THIRD TERM begins
15 Friday  Last day for payment of Third Term Fees

OCTOBER

2 Monday  Public Holiday — Eight Hour Day
27 Friday  Third Term Lectures and other Classes cease

NOVEMBER

4 Saturday  THIRD TERM ends
            Annual Examinations begin
25 Saturday  Annual Examinations end

1973

FEBRUARY

26 Monday  FIRST TERM begins

FACULTY OF ARTS

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

Dean
Professor A. M. Ritchie

Sub-Dean
Mr. E. J. Braggett

CLASSICS

Professor
R. G. Tanner, M.A. (Melb. and Cantab.) (Latin)

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

Lecturers
I. A. Allan, B.A. (Melb.)
D. W. Palmer, M.A. (Melb.), B.D. (Drew), Th.M. (Harv.)
ECONOMICS

Professor

B. L. Johns, M.A.(Cantab.)
C. A. Tisdell, B.Com.(N.S.W.), Ph.D.(A.N.U.)

Associate Professor

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

Senior Lecturers

I. J. Fairbairn, M.A.(Wash.), Ph.D.(A.N.U.)
R. W. McShane, B.A.(N.E.), M.A.(Alberta)
W. J. Sheehan, B.Ec.(Syd.), M.A.
P. W. Sherwood, B.Com.(Lond.)

Lecturers

C. J. Aislabie, M.Ec.(Syd.), Ph.D.(Lond.)
K. C. Carpenter, M.Com.(Auck.)
J. C. De Castro Lopo, M.A.(Wis.)
N. J. Dickinson, B.Com.(N.S.W.)
S. N. Jacobi, A.B.(Princ.), M.A.(S.Car.)
J. D. Stanford, B.Econ.(Qld.)
V. G. Taylor, B.Ec.(Mon.)

Senior Tutors

W. C. Dunlop, B.A.(Auck.)
I. J. Holmes, B.Com.
P. J. Stanton, M.A., Dip.Ed.(Syd.)
B. A. Twohill, B.A.

EDUCATION

Professor


Senior Lecturers

K. F. Collis, B.A., M.Ed.(Qld.), M.A.C.E.

Lecturers

Audrey L. Chopra, B.A.(Melb.), M.A.Ps.S.
R. J. Meredith, B.A.(Syd.)
Gaynor E. Reeves, B.A.(N.E.)
D. A. Shortle, B.A., Dip. Ed.(Syd.)

Senior Tutors

A. V. Everett, B.A.(Qld.), M.A.Ps.S.
J. W. McQualter, B.Sc.(Syd.), B.A., Dip.Ed.(N.E.)
W. G. Warren, B.A., A.A.S.A.
ENGLISH

Professor
A. M. Gibbs, B.A.(Melb.), M.A., B.Litt.(Oxon.)

Associate Professors
D. B. O. Biggins, B.A.(Lond.), M.A.(So'ton)
N. R. Cattell, M.A.(Syd.), Ph.D.

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

Lecturers
D. V. Boyd, B.A.(York), M.A., Ph.D.(N.Y.)
A. J. Hassall, B.A.(N.S.W.), Ph.D.(Monash)
P. L. Kavanagh, M.A., Dip.Ed.(Syd.)
R. P. Laidlaw, M.A.(Leeds)
P. G. Peterson, M.A.(N.Z.)
J. B. Tomson, M.A.(Dub.), B.Phil.(Oxon)

Senior Tutor
Judith M. Driscoll, M.A.

Tutors
I. G. Lennie, B.A.(Syd.)
H. L. Stuart, B.A.(Syd.)

Lecturer in Linguistics
Geraldine V. MacNeill, M.A.(Otago)

FRENCH

Professor

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

Lecturers
M. P. Connon, B.A.(Oxon.), Dip.Ed.(N.E.)
Janice Rubenach, B.A.(Tas.)

Senior Tutor
C. A. Whitehead, B.A.(N.E.), M.A.(Syd.)

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

Professors
A. D. Tweedie, M.A. (N.Z.) (Head of Department)
K. W. Robinson, M.A. (N.Z.)

Senior Lecturers
W. F. Geyl, B.Sc. (Lond.), Drs. Phys. Geog. (Utrecht)
P. G. Irwin, B.A. (Syd.), B.Com. (Qld.), M.A. (N.S.W.)

Lecturers
J. C. R. Camm, M.Sc. (Hull)
Mary R. Hall, M.A. (Manc.)
R. J. Loughran, B.Sc. (Dunelm), M.Sc. (N.E.)
D. N. Parkes, B.A. (Dunelm), M.A.

Tutor
K. W. Lee, B.A. (Liv.)
F. McL. Sutherland, M.A. (Otago)

GERMAN

Professors
D. G. Mowatt, B.A., Ph.D. (Lond.), F.A.H.A. (Head of Department)
B. Newton-John, M.A. (Cantab.) (German Literature)

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

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

Professors

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

Associate Professor

J. P. S. Bach, M.A.(Syd.), Ph.D.(N.S.W.)
W. G. McMinn, B.A.(N.E.), M.A.(N.S.W.)

Senior Lecturers

A. H. Anderson, M.A., Ph.D.(Edin.)
N. Rutherford, B.A.(N.S.W.), Ph.D.(A.N.U.)

Lecturers


Senior Tutor

H. Margaret Henry, B.A.(Syd.)

Tutors

Sheila R. Gray, B.A., Dip.Ed.(Tas.)
M. J. Lewis, B.A.(N.S.W.)
P. M. Sales, B.A., Dip.Ed.(Monash)

MATHEMATICS

Professors

R. G. Keats, B.Sc., Ph.D.(Adel.), F.A.S.A. (Head of Department)
H. M. Lieberstein, B.A., B.S., (Arkansas), M.A.(Kansas), Ph.D.(Maryland)

Associate Professor

I. L. Rose, B.E.(Syd.), Ph.D.(N.S.W.)

Senior Lecturers

W. Brisley, B.Sc.(Syd.), M.Sc.(N.S.W.), Ph.D.; Dip.Ed. (N.E.)
W. Ficker, Prom.Mat., C.Sc., RNDr.(Comenius)
J. R. Giles, B.A.(Syd.), Ph.D.; Dip.Ed.(Syd.)
J. A. Lambert, B.Sc.(Syd.), M.Sc.(N.S.W.)
W. T. F. Lau, M.E.(N.S.W.), Ph.D.(Syd.), M.A.I.A.A.
W. D. Wallis, B.Sc., Ph.D.(Syd.)

Lecturers

R. F. Berghout, M.Sc.(Syd.)
J. G. Couper, B.Sc., Ph.D.(N.E.)
A. J. Guttmann, M.Sc.(Melb.), Ph.D.(N.S.W.)
M. J. Hayes, B.A.(Cantab.)
T. K. Sheng, B.A.(Marian Coll.), B.Sc.(Malaya & Lond.), Ph.D.(Malaya)
Jennifer Wallis, B.Sc.(N.S.W.), M.Sc., Ph.D.(La Trobe)
W. P. Wood, B.Sc., Ph.D.(N.S.W.)

Senior Tutors

C. J. Ashman, B.A., Litt.B.(N.E.)
G. W. Southern, B.A.(N.S.W.)

Tutors

Winifred Frost, B.A.
G. S. Martin, B.A.(N.S.W.)
E. V. Petersons, B.Sc.(Syd.)
B. J. Stokes, B.Sc.
PHILOSOPHY

Professor
A. M. Ritchie, M.A.(Syd.), Ph.D.(Lond.)

Senior Lecturers
D. W. Dockrill, B.A.(Syd.), Ph.D.(A.N.U.)
W. V. Doniela, M.A.(Syd.), Dr.phil.(Freib.)

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

Tutor
C. E. Ware, B.A.(Santa Clara), M.A.(San Jose State)

PSYCHOLOGY

Professor

Associate Professor

Senior Lecturers
B. Fenelon, B.A.(Qld.), M.A., M.A.Ps.S.
G. S. Halford, M.A.(N.E.), Ph.D., M.A.Ps.S.
A. C. Hall, B.A.(R’dg.), M.A., A.B.Ps.S., M.A.Ps.S.
E. Szekely, M.A.(Qld.), Ph.D.(Bud.), A.B.Ps.S., M.A.Ps.S.

Lecturers
A. Ivinskis, B.A.(Qld.), M.A., M.A.Ps.S.
A. G. Keene, M.A.(Melb.), M.A.Ps.S.
J. A. C. Price, B.A.(Qld.), A.B.Ps.S., M.A.Ps.S., M.S.A.A.N.Z.
J. L. Seggie, B.A., Ph.D.
Eugenia W. Wineman, B.A.(Stan.), M.A., Ph.D.(U.C.L.A.)
ADMINISTRATIVE STAFF

Vice-Chancellor and Principal

Vice-Principal and Deputy Vice-Chancellor
Professor B. Newton-John, M.A.(Cantab.)

Deputy Vice-Chancellor

Personal Assistant to Vice-Chancellor
A. Nell Emanuel, B.A.(N.S.W.)

---

BURSAR'S DIVISION

Bursar
L. W. Harris, A.A.S.A., A.C.A.A., A.B.I.A.

Deputy Bursar
L. F. Norberry, A.A.S.A., A.C.I.S.

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.(Syd.)

Student Administration
J. D. Todd, B.Com., A.A.S.A.
P. H. Beckett, B.A.(Syd.)

Examinations
Glennie Jones, B.A.(N.S.W.)

Faculty Secretariat
J. S. Boydell, M.A.(Cantab.)
T. G. Chapman, B.A.(Syd.)
D. L. Farmer, B.Sc., Dip.Ed.(Syd.)

Publications and Publicity
J. W. Armstrong, B.A.
E. Joan Bale, B.A.(N.S.W.)

Statistics and Systems
T. R. Rodgers, B.A.

---

PLANNER'S DIVISION

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

Assistant Planner

Assistant Staff Architects
W. J. Crook, B.Arch.(N.S.W.), A.R.A.I.A.
A. Lee, A.S.T.C.

Staff Engineer
ADMINISTRATIVE STAFF

STUDENT COUNSELLING UNIT

Senior Counsellor
A. P. T. Loftus, B.A.(Melb.), M.A.Ps.S.

Student Counsellor
B. E. Hazell, M.A.(Syd.), M.A.Ps.S.

Assistant Student Counsellor

--*--

APPOINTMENTS OFFICE

Appointments Officer
H. Floyer, B.Ec.(Syd.)

--*--

COMPUTER CENTRE

Director

Programmer
I. R. Beaman, B.Sc.(N.S.W.), Dip.Ind.Eng.

THE LIBRARY STAFF

University Librarian
E. Flowers, M.A.(Syd.), A.L.A.A.

Assistant University Librarian (Technical Services)
M. Elizabeth Guilford, B.A.(N.E.), A.L.A.A.

Assistant University Librarian (Reader Services)
Joan E. Murray, B.A.(N.E.), A.L.A.A.

Acquisitions Librarian
Barbara R. Cook, B.A.; Dip.Lib.(N.S.W.), A.L.A.A.

Serials Librarian
B. Mitcheson, B.A., A.L.A.A.

Assistant Librarians
C. I. Walsh, B.A.(W.Ont.), Dip.Lib.(N.S.W.)

Graduate Library Staff
Janet M. Brice, B.A.(N.S.W.)
L. Faidiga, B.A.
Carolyn R. Fredman, B.A.(N.S.W.)
Anna M. Lee, B.Sc.
Winifred Murdoch, B.Sc.(N.E.)
Mary E. Rabbitt, B.A. (N.S.W.)
Barbara E. Samojluk, B.A.
Jennifer M. Scobie, B.A., Dip.Ed.(Syd.)
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 3571 in 1971.

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 and certain other ex officio members. Teaching and research in each Faculty are supervised by a Faculty Board consisting principally of the permanent academic staff of the Departments in the Faculty. 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.
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
   (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 5.3 — 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:—
MATRICULATION

FACULTY                ASSUMPTION

APPLIED SCIENCE        Second level Short Course Mathematics
                       and Science including Physics and Chemistry options.

ARCHITECTURE          Second level Short Course Mathematics
                       and Science.

ARTS                  Economics I — Second level Short Course
                       Mathematics.
                       English 1 — Second level English.
                       French 1 — Second level French.

ECONOMICS AND
COMMERCCE             Second level Short Course Mathematics.

ENGINEERING           Second level Short Course Mathematics
                       and Science including Physics and Chemistry options.

MATHEMATICS           Second level Short Course Mathematics.

SCIENCE               Second level Short Course Mathematics
                       and Science.

PROCEDURES

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 AT THE UNIVERSITY OF NEWCASTLE FOR THE FIRST TIME

Students seeking admission in the 1972 academic year will be required to lodge an “Application for Admission — 1972” with the Student Administration Office not later than

(a) 5.00 p.m. on Monday, 1 November, 1971, in the case of:
   — persons resident in Australia who are seeking admission
     on the basis of qualifications which they already hold at
     1 November, 1971;
   — persons resident outside of Australia or persons applying
     for admission on the basis of qualifications gained outside
     Australia.

(b) 5.00 p.m. on Friday, 21 January, 1972, in the case of:
   — persons resident in Australia who
     (i) are seeking admission on the basis of the results of examin-
       ations taken after 30 September, 1971;
     (ii) in 1971 have been enrolled in another Australian University;
     or
     (iii) have applied to attempt the University of Sydney Matric-
           ulation Examination in February, 1972.

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 Matric-
ulation Examination in February, 1972 should indicate on the ap-
plication 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.
PROCEDURES

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 in 1972 new students will be required to attend the University in person to have their enrolment approved and to pay fees. The days Wednesday, 16 February to Friday 18 February, 1972 have been set aside for this purpose.

PERSONS RE-ENROLLING IN UNDERGRADUATE COURSES

Undergraduates re-enrolling will be required to complete an enrolment form and lodge it with the Student Administration Office on or before Friday, 7 January, 1972. Students enrolled in 1971 will be sent a re-enrolment form with the advice of their examination results in December.

Students awaiting deferred or special examination results must also lodge a re-enrolment form on or before Friday, 7 January, 1972. The re-enrolment form should be completed on the basis that the student will be successful at the deferred or special examinations. Students unsuccessful at the deferred or special examinations will be notified in writing of the action they will be required to take to have their re-enrolment in 1972 approved.

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 his term address.

CANDIDATES FOR POSTGRADUATE DIPLOMA COURSES

DIPLOMA IN APPLIED PSYCHOLOGY

Applicants for admission to the Postgraduate Diploma in Applied Psychology are selected biennially. No new candidates will be accepted in 1972.

DIPLOMA IN BUSINESS STUDIES

Intending candidates will be required to complete an Application Form to register as a candidate for the Postgraduate Diploma course in Business Studies and lodge it with the Student Administration Office on or before Friday, 21 January 1972.

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.

Enquiries regarding this course and the conditions governing admission may be made to Mr. D. S. Karpin, Department of Commerce, extension 214 or dial 68 5214.

DIPLOMA IN COMPUTER SCIENCE

Intending candidates will be required to complete an Application Form to register as a candidate for the Postgraduate Diploma course in Computer Science and lodge it with the Student Administration Office on or before Friday, 21 January 1972.

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

DIPLOMA IN EDUCATION

Intending candidates will be required to complete an Application Form to register as a candidate for the Postgraduate Diploma course in Education and lodge it with the Student Administration Office as soon as possible but in any case not later than Friday, 21 January, 1972.

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

Notices will be displayed on the University Notice Boards giving information as to where and when prospective candidates will be interviewed concerning their studies.
PROCEDURES

DIPLOMA IN INDUSTRIAL ENGINEERING

Intending candidates will be required to complete an Application Form to register as a candidate for the Postgraduate Diploma course in Industrial Engineering and lodge it with the Student Administration Office on or before Friday, 21 January, 1972.

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

CANDIDATES FOR THE DEGREE OF MASTER OR OF DOCTOR OF PHILOSOPHY

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, 7 January, 1972.

Candidates Registering for the First Time
These persons should complete an Application Form to register as a candidate for a Higher Degree and lodge it with the Student Administration Office on or before Friday, 21 January, 1972. A separate application form will be available for candidates wishing to register for a Course Work Masters degree.

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

LATE ENROLMENTS
(i) Students who are unable to lodge their Application Form or 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, 21 January, 1972 in the case of new students, or Friday, 7 January, 1972 in the case of students re-enrolling, otherwise the University reserves the right not to accept the student's application or 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 or to re-enrol in a subject (or subjects) as the case may be, 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.

The student's “show cause” statement and completed re-enrolment form must be lodged with the Student Administration Office on or before Friday, 7 January, 1972.

STUDENTS WISHING TO RE-ENROL AFTER A PERIOD OF EXCLUSION
A student wishing to re-enrol after a period of exclusion should make an appointment for an interview with the Dean of the Faculty concerned before Friday, 7 January, 1972 to present his case for the acceptance of his re-enrolment.

UNIVERSITY SKILLS ASSESSMENT
In the first week of First Term as part of its service to students, the Student Counselling Unit 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 results are completely confidential. 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 THE COURSE REGARDED AS FAILURE

Approval to withdraw from a course 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 within seven (7) days of the date of withdrawal. 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.

(a) Faculties of Arts, and Economics and Commerce
   Second Friday in Second Term
(b) Faculties of Applied Science, Architecture, Engineering, Mathematics, and Science
   Sixth Monday in Second Term

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. Exemptions 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 exemptions.

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.

CHANGE OF ADDRESS

Students are responsible for notifying the Student Administration Office in writing of any change in their address as soon as possible. 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.

A Variation Application Form should be used to notify a change of address.

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 the identity card which will be given to him.
PROCEDURES

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 fee receipt 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.

Non-Degree Students and Identity Card

Each non-degree student, who does not elect to pay the General Service Fee, will be issued with an identity card appropriately endorsed. It must be shown on request to prove status as a student of the University.

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, Building “A”.

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 to holders of Commonwealth Scholarships, Teachers’ College 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) at the rear of the Main Lecture Theatre B01 (Room 04).
FEES

GENERAL INFORMATION

COMPLETION OF ENROLMENT

Fees are determined by the University Council and are subject to alteration without notice.

Enrolment is not effective until fees for the course in which the student has enrolled, are paid. Fees should be paid on or before Tuesday, 22 February, 1972. After that, a late fee will apply. Enrolments will not be accepted after 31 March, 1972 without the Secretary's special written approval. This will be given only in exceptional circumstances.

Payment of fees by mail is encouraged. Money Orders should be made payable at the Newcastle University Post Office, 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.

PAYMENT OF FEES BY TERM

The Entrance Fee and General Services Fee must be paid in full at the time of enrolment. However, students may pay Course Fees by the term, in which case they are required to pay First Term Course Fees and the whole of the General Services Fee by the due date.

Students paying fees under this arrangement will receive accounts for Second and Third Term fees prior to the commencement of these terms.

EXTENSION OF TIME IN WHICH TO PAY FEES

Students who are unable to pay fees by the prescribed date may apply in writing to the Vice-Principal for an extension of time in which to pay fees. Special forms are available for this purpose. Completed forms must be forwarded to the Vice-Principal's Office before Wednesday, 16 February, 1972.

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 their fees will be paid by Sponsors. The University looks to Sponsors to provide a separate voucher, warrant or letter for each student sponsored. Where such documentary evidence is not available, students are expected to make payment by the due date to avoid late fees and apply for a refund of fees when the authority required is available.

DATES FOR PAYMENT OF FEES IN 1972

<table>
<thead>
<tr>
<th>TERM</th>
<th>DATE</th>
<th>LATE PAYMENT FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST TERM</td>
<td>Tuesday</td>
<td>$10.00 payable on and after Thursday March 30</td>
</tr>
<tr>
<td></td>
<td>February 22</td>
<td>Wednesday February 23</td>
</tr>
<tr>
<td>SECOND TERM</td>
<td>Friday</td>
<td>$6.00 payable on and after</td>
</tr>
<tr>
<td></td>
<td>June 16</td>
<td>Monday June 19</td>
</tr>
<tr>
<td>THIRD TERM</td>
<td>Friday</td>
<td>Monday July 3</td>
</tr>
<tr>
<td></td>
<td>September 15</td>
<td>September 18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tuesday October 3</td>
</tr>
</tbody>
</table>

* Refer page 41 for other Late Fees

FAILURE TO PAY FEES

Students cease to be entitled to membership and privileges of the University where they are indebted to the University and fail to make settlement or satisfactory arrangements regarding their indebtedness. Such a student is not permitted to register for a further term, to attend classes or examinations, or to be granted any official credentials. The student is not eligible to attend the annual examinations in any subject where any portion of his Course Fees or amounts due for other purposes are outstanding. In very special cases, the Vice-Principal may grant exemption from this disqualification upon receipt of a written statement setting out all the relevant facts.

FEE ADJUSTMENTS

Should an application to withdraw from a course or a subject be approved, the University will consider an application for an adjustment of course fees based on the student's last date of attendance at lectures or tutorials. All correspondence dealing with adjustments to fees should be addressed to the Accountant.
Where notification of withdrawal from a course is received by the Secretary before the first day of First Term, a refund will be made of all Course Fees. Where a student for acceptable reasons notifies the termination of a course before the end of the fifth week of term, one-half of the Course Fees for the term may be refunded. If the student notifies termination of a course after the end of the fifth week of term, no refund will be made for that term.

THE UNIVERSITY RESERVES THE RIGHT TO DEFER PROCESSING APPLICATIONS FOR FEE REFUNDS RECEIVED IN THE EARLY PART OF FIRST TERM UNTIL AFTER THE SIXTH WEEK OF FIRST TERM.

The University Administration does not refund any portion of the General Services Fee. Students withdrawing from courses may enquire of the University Union, Sports' Union and Students' Association regarding refund possibilities.

DESIGNATION OF STUDENTS

FULL-TIME STUDENTS

A Full-Time Student is a student who enrols 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 enrols in half or less than half of the subjects of a normal first year course or one who enrols 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.
FEES

OTHER FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Deferred examinations, per subject</td>
<td>$4</td>
</tr>
<tr>
<td>(2) Examination under special supervision, per paper</td>
<td>$8</td>
</tr>
<tr>
<td>(3) Review of examination results, per subject</td>
<td>$6</td>
</tr>
<tr>
<td>(4) Statement of matriculation status</td>
<td>$6</td>
</tr>
<tr>
<td>(5) Laboratory Kits, per kit</td>
<td>$8</td>
</tr>
</tbody>
</table>

FEES FOR THE DEGREE OF MASTER

(a) Research and Thesis

- Registration Fee: $5
- Course & Supervision Fee (full-time): $138 p.a.
- Course & Supervision Fee (part-time): $93 p.a.
- Final Examination & Graduation Fee: $36

(b) Course Work and Dissertation or Formal Study Courses (Master of Eng. Sc.)

- Registration Fee: $5
- Course & Supervision Fee (full-time): $330 p.a.
- Course & Supervision Fee (part-time): $198 p.a.
- Final Examination & Graduation Fee: $36

FEES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

- Qualifying Examination Fee (if applicable)*: $15
- Registration Fee: $5
- Course & Supervision Fee (full-time): $138 p.a.
- Course & Supervision Fee (part-time): $84 p.a.
- Final Examination & Graduation Fee: $51

*Payable when an examination is prescribed for the assessment of a student prior to registration as a higher degree candidate.

HIGHER DEGREE FEES

Course and Supervision Fee

This fee for Higher Degree candidates is assessed on a term basis, the period of registration being from the first day of the term to the Friday immediately preceding the first day of the following term. Candidates proceeding to a Higher Degree must enrol or re-enrol at the beginning of each academic year at the normal enrolment time. The usual late fees apply in respect of late enrolments.

All fees and monies owing to the University by a Higher Degree candidate must be paid before the student's thesis can be lodged for examination.

Where a Higher Degree candidate withdraws from a course during a term, no portion of the term fee will be refunded.

General Services Fee

Higher Degree candidates are required to pay the General Services Fee (see page 41). Where a Higher Degree candidate's enrolment 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 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.

Re-submission of Thesis

A candidate required to re-submit a thesis, will not be required to pay further fees, unless laboratory work is involved, in which case the appropriate course and supervision fee will be payable on a term basis. The General Services Fee will also apply.
GENERAL REQUIREMENTS

The University tries to function with a minimum of formal regulations; it has, for instance, drawn up no code of conduct for students, beyond forbidding gambling in the precincts and smoking in lectures, examinations and the Library.

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.

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 (B.01) for the specific purpose of displaying examination timetables and notices concerning all 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".

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.

OWNERSHIP OF STUDENT'S 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.

STUDENT IDENTIFICATION

Students are expected to carry their Identity Card as evidence that they are entitled to the rights and privileges afforded by the University.

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 available for collection at the Student Administration Office soon after the commencement of First Term. The Student must produce his fee receipt before an identity card will be issued.

Loss of Identity Card

If a student loses his identity card, he should pay to the University Cashier, the sum of 50c., 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.
GENERAL REQUIREMENTS

CHANGE OF ADDRESS

Students are responsible for notifying the Student Administration Office in writing of any change in their address as soon as possible. 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. The Transport Authorities may challenge a student whose address on his identity card is incorrect. A change of address should be notified on a Variation Application Form.

GENERAL CONDUCT

Acceptance as a member of the University implies an undertaking on the part of the student 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 administrative 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.

PARKING OF CARS

TRAFFIC REGULATIONS

1. “Authorised Person” means a person authorised in writing by the Vice-Chancellor for the purposes of these Regulations.

2. Any student, member of the academic staff or other person employed by the University who wishes to bring a motor vehicle on to the Shortland site shall obtain a University parking permit which shall be clearly displayed on the vehicle.

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. No person shall drive any vehicle on to the University site:
   (a) in a dangerous or careless manner
   (b) at a speed exceeding 20 miles per hour
   (c) so as to cause undue noise
   (d) other than on formed roads currently open for traffic

5. The driver of any vehicle within the Shortland site shall comply with the directions shown on all traffic signs, road markings and directory notices. Government traffic regulations shall apply to marked pedestrian crossings.

6. 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.

7. Any person who contravenes or fails to observe any of these regulations shall, if a student, be deemed guilty of a breach of discipline (By-Law 4) or if in the employ of the University, be deemed guilty of a breach of regulations and may be dealt with accordingly.

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

NOTE:
Permits may be obtained from the Senior Attendant (Patrol) in Room 04 at the rear of the main lecture theatre (B.01) between 9 a.m. and 5 p.m. on Mondays to Fridays inclusive.
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

A student desiring to sit for an annual examination must lodge an application with the Secretary on the appropriate form by the prescribed date, 16 June, 1972.

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 fee of $4.00. 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.
(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.

EXAMINATION RESULTS

The official examination results will be posted on the notice board at the top of the main staircase. 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 fee of $6.00 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 fee by the date notified in the publication of results.
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

To assist those students who may be unsuited to university study or whose circumstances jeopardise success at study and to deal with those students whose lack of success has a detrimental effect on the work of the course, 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;
(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 190,000 volumes and made up of monographs, pamphlets, serials and microform sets, 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 procedure for borrowing.

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

HOURS OF OPENING

During academic year

Monday-Friday 8.30 a.m. to 10.00 p.m. (long vacation excepted)
Saturday and Public Holidays 9.00 a.m. to 5.00 p.m. (all vacations excepted)
Sunday 1.00 p.m. to 5.00 p.m. (all vacations excepted)

The Library is closed for the Easter Weekend, i.e., March 31—April 4 inclusive.

During long vacation

Monday, Wednesday, Friday 9.00 a.m. to 5.00 p.m.
Tuesday, Thursday 9.00 a.m. to 7.00 p.m.

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.

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 is responsible for the operation of the Personal Accident Insurance Scheme.
The Appointments Office was established in 1971 primarily to help students obtain information about careers and to assist graduating students find employment.

All new students are invited to consult the Appointments Office sometime 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 Appointments 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.

**Careers Library**

1. A section of the Careers Library will contain books, periodicals, articles, etc. giving general information on various professional occupations.
2. Information is 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.

During 1972 it is hoped that the Appointments Office will move into Building “A”, when a Library and Reading Room will become available in which students may consult relevant material.

**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 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 Appointments Office at the commencement of each year and complete a card indicating their needs. As opportunities are notified to the Appointments Office, appropriate students are informed.

The Appointments 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 organizations in the ensuing year. The Appointments Office arranges distribution of this Directory; a few spare copies are available upon request for undergraduates.

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

The Appointments Office is located in Room U.10 in the Temporary Buildings.
UNIVERSITY SERVICES

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 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 A. J. A. Scott, B.A.(Melb.), Th.L., 83 Queen's Road, NEW LAMBTON. Tel. 57 1875

Baptist — The Reverend T. H. Binks, 133 Kemp Street, HAMILTON. Tel. 614048

Methodist — The Reverend W. D. Adams, B.A.(Syd.), B.D.(Melb.) 23 William Street, HAMILTON. Tel. 614040

Presbyterian — The Reverend H. V. Barratt, B.A.(Syd.) St. Phillip's Manse, NEWCASTLE. Tel. 2 2379

Roman Catholic — The Reverend Father L. A. Larkin, B.A.(Syd.), B.Ed.(Melb.), S.T.B.(Baltimore), M.A.C.E. Catholic Presbytery, HAMILTON. Tel. 61 1107

UNIVERSITY SERVICES

HALL OF RESIDENCE

Stage One of the First Hall will provide accommodation for 173 students and about 12 tutors. The Hall is governed by a Board of Trustees consisting of the Warden and six members, three of whom are nominated by the Council, two elected by the students of the Hall and one by the resident tutors. The Hall is situated near the South Eastern boundary of the Sports Oval, close to the tennis and squash courts.

At the time of writing, fees have not been determined.

Applications for residence should be sent to the Warden, First Hall of Residence, University of Newcastle, N.S.W. 2308.

Warden
Dr. M. W. Blackmore, B.Sc., Ph.D.(Belf.)
STUDENT COUNSELLING UNIT

The Student Counsellors assist students — past, present and future — in a wide variety of matters. Most students, whatever their academic level, at one time or another need help in dealing with difficulties which arise during the course of their University lives.

A student should not feel that he or she must have a major problem before consulting a Counsellor. Many worries take only a few minutes to clear up, and frequently the Counsellor's function is simply to direct a bewildered student to the right source of information.

Students who are worried about inadequate study methods, personal difficulties, choice of courses or career planning are invited to arrange an appointment with a Student Counsellor. All contacts with a counsellor are regarded as completely confidential.

The S.C.U. is divided into three major divisions — Personal Counselling, Study Skills Training and Research with some inevitable overlap between the sections. Apart from individual counselling, courses in an increasing number of areas are held for groups of students.

Student Counselling is now a thoroughly established and widely accepted part of University life throughout Australia, and at this University, approximately one-third of all students utilise it.

STUDY AT THE UNIVERSITY LEVEL

The S.C.U. 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 S.C.U. and two Counsellors are located in the Administration Building (Room G75 — 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 Secretary. Counsellors are available for evening appointments.

S.C.U. STAFF

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

Student Counsellor — B. E. Hazell, M.A. (Syd.), M.A.Ps.S.


Secretary — Mrs. Joy Hoesli

Stenographer — Mrs. Vicki Lloyd
UNIVERSITY SERVICES

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).

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 $200 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.

OVERSEAS STUDENTS

Overseas students who wish to obtain any information or help are invited to see the Overseas Students' Adviser in the Student Counselling Unit.

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. G. J. Cousins attends each Wednesday, and qualified nurses are on duty on the other days.

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

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 at Shortland which provides recreational and common room facilities for its members; a complete range of catering services; rooms for meetings and functions of all kinds including a film viewing room (16mm); billiards, table tennis, chess and music rooms; a reading room; a stationery shop catering for all members' academic needs; and the University Co-operative Bookshop. The offices of the Students' Representative Council and the Students' Counsellor together with the A.U.S. Travel Service, N.S.W. Banking Facilities and the Student Health Centre are also situated within the building.

Membership of the Union, obligatory for all registered students, is open to graduates, members of the University Council and the permanent 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 graduates) 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.
and the Secretary Manager of the Union.

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

President — Mr. G. S. Martin, B.A. (N.S.W.)
Secretary Manager — Mr. W. V. Bridgewater

THE UNIVERSITY OF NEWCASTLE COMPANY

The University of Newcastle Company is the Citizen Military Force's 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 N.S.W. 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 the 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.
An alternative to 2 years full-time National Service.
Opportunities for attendance at Regular Army Courses and short time attachments to Army units in Malaysia, New Guinea or Vietnam.
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 — Maj. F. O'Toole
Full-time Staff — W02 K. Stoker
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, Judo, Mountaineering, Men's and Women's Rowing, Rugby Union and Rugby League, Sailing, Ski-ing, Soccer, Softball, Squash, Surf-riding, Swimming, Scuba, Table Tennis, 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 performance 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. (Melb. and Cantab.)
Secretary — Miss C. F. Clarke, B.A.
Amenities Officer — Mr. H. Bradford

THE UNIVERSITY OF NEWCASTLE
STUDENTS' ASSOCIATION

Included in the General Services fee of the University, which all of you pay or have paid for you, is $8.00 subscription to the Students' Association. You are all financial members of this Association, and you have every right — and a duty to yourselves — to take part in the running of the Association and the administration of your collective assets. At present, the governing administrative body of the Association is the Students' Representative Council (SRC), with its standing committees, such as the finance committee, the disciplinary committee etc. The ultimate policy-making power rests with general meetings of the Association; these can be called at seven days notice by any twenty members of the Association presenting their signatures to the SRC Office, which is in the Union Basement, near the Music Room and Games area. The functions of the Association are many and varied.

Officers of the Association act as a method of liaison between the student body and the University authorities. Complaints and requests from students may be handled by the Education and Welfare Committee, or by the SRC as a whole when brought to its attention by one of the Faculty or General Representatives. At present, the Association has helped to finance and set up a Student Health Centre, in conjunction with the Union, Sports Union and the University and also helps provide automatic accident insurance cover for Association members.

One of the ways in which the income of the Association is spent is in grants to affiliated clubs and societies (which include cultural, social, political and religious societies). To this end the Vice-President is the Clubs' and Societies' Liaison Officer, and, with his assistant and the Clubs' and Societies' Committee, gives such help to these societies as they may seek from time to time.

The Association is also responsible for publishing the student newspaper "Opus", the literary magazine "Nimrod" and the Orientation Handbook, which may be seen around the campus at the time of their publication. A weekly "Bulletin" is issued to publicise activities of the SRC, and affiliated clubs and societies.

Each year the Association organises, with assistance from the University and the Union, Orientation Week and other activities designed to help new students adjust to university life. Early in July Autonomy Day is also organised by the SRC — of this nothing need be said other than that it is the equivalent of Commem, Foundation Day, or similar activities at other universities.
UNIVERSITY ORGANISATIONS

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. We can only do this if you make these decisions, by offering candidates for elections, voting at these elections, coming to general meetings and letting us know your requests and complaints. Like God, we can only help those who help themselves.

PRESIDENT — Mr. A. Svirskis
SECRETARY — Miss Lesley E. Stead, (B.A.)

FACULTY OF ARTS

COURSES AND REQUIREMENTS

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 Applied Psychology (Dip.App.Psych.)
(vi) Diploma in Education (Dip.Ed.)

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

New requirements for the degree of Bachelor of Arts came into force in 1968.

Details of Transition Arrangements appear in the 1968 Faculty Handbook.
1. Definitions

In these Requirements, unless the contrary intention appears, "the Faculty" means the Faculty of Arts and "the Faculty Board" means the Faculty Board 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 only by notifying the Secretary of the University in writing of his withdrawal within seven days of the date of withdrawal.
(b) A candidate who withdraws after the second Friday in Second Term from a subject in which he has enrolled shall be deemed to have failed in that subject. However, such a candidate may apply to the Dean, who, after consultation with the Head of Department concerned, may allow him to withdraw 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 11 may be counted;
(c) not more than four Part I subjects may be counted;
(d) at least one subject shall be a Part III subject;
(e) not more than one Introductory Subject in a foreign language may be counted, such subject to be regarded as a Part I subject;
(f) notwithstanding the provision of paragraph (c) of this clause, a candidate who has already passed four Part I subjects in his first year, including an Introductory Subject in a foreign language, may include the corresponding Part I subject as one of the nine required to qualify for the ordinary degree;

* (g) a candidate may enrol in an Introductory Subject in a foreign language only with the approval of the Head of the Department concerned.

A part-time student intending to include an introductory subject in his degree course should endeavour to enrol in it in Stage I.

13. Pre-requisites

(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 pre-requisite 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 University College may be granted standing in recognition of the work completed in such other University or University College provided that:

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

(ii) an undergraduate or other registered student (not being a graduate) of another University or University College shall not receive credit for more than four subjects;

(iii) a graduate of another University, or University College shall not receive credit for more than four subjects and if granted credit may not include as a qualifying subject any subject equivalent to one included in his previous degree.

(b) Notwithstanding the provision of section (a) (i) of this Clause, a graduate, undergraduate or other registered student of another University or University College 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 University College 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 of sections (a) to (c) shall receive credit for a total of more than four subjects.

* Those wishing to obtain the benefit of this section should seek in writing to the Dean approval of a proposed programme before enrolling at the other University or University College.
(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.

(f) 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, a candidate who has passed in seven subjects, including at least three Part II or Part III subjects, may qualify for the degree by passing the degree course in the Faculty of Law in any Australian University recognised by the Council for this purpose.

Arts/Engineering

(b) Notwithstanding the provisions of clause 12 of these Requirements, a candidate may:

(i) after completing the first year of a course in the Faculty of Engineering and with the permission of the Dean of the Faculty of Arts, enrol in the combined Arts/Engineering course approved by the Council on the recommendation of the Faculty Boards of the Faculties of Arts and Engineering;
(ii) qualify for admission to the degree of Bachelor of Arts by passing the subjects prescribed for the first four years of the combined Arts/Engineering course; or
(iii) qualify for admission to the degree of Bachelor of Arts with Honours by satisfying the provisions of clauses 16, 17 and 18 of the Requirements either within one year of qualifying for admission to the ordinary degree or within one year of qualifying for admission to the degree of Bachelor of Engineering.

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>Language</th>
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<tbody>
<tr>
<td>Classics</td>
<td>English</td>
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<tr>
<td>French</td>
<td>German</td>
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<tr>
<td>History</td>
<td>Latin</td>
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<td>Psychology</td>
<td>Mathematics</td>
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<tr>
<td>Economics</td>
<td>Greek</td>
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<tr>
<td>Education</td>
<td>Philosophy</td>
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</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 from the commencement of his degree course provided that in the case of a part time student the corresponding period shall be eight years.

A candidate wishing to proceed to Honours who has been given advanced standing in recognition of work completed elsewhere shall be deemed to have commenced his degree course from a date determined by the Dean.
(b) 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 most distinguished candidate of the year may be awarded a University Medal.

SCHEDULE OF SUBJECTS OFFERED IN 1972

NOTES:

1. Part IV subjects are set out in Clause 16 of the Requirements for the degree of Bachelor of Arts—see page 75.

2. In French, Geography and History A and B subjects are available in the evening in alternate years only. In 1972 French IIA and IIB, Geography IIB and IIA, History IIB and History IIA will not be available in the evening.

3. A student taking 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 can be found in the Handbook of the appropriate Faculty.

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<tr>
<th>SUBJECTS</th>
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GROUP I

Classical Civilisation

The subject will not be available to students who are enrolled in or who have passed either Latin I or Greek I.

Economics

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

Education

Passes in three other subjects are a pre-requisite for entry into Education IIA, 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 IIA. In Part III the A subject is a pre- or co-requisite for the B subject.

English

The A subject is a pre- or co-requisite for the B and C subjects. Special approval is required for entry into a B subject unless the candidate for IIB has reached Credit level in English I or for IIB has reached Credit level in English IIA and English IIB.

Single strands in the B and C subjects may be interchanged, but no candidate may take both the B and C subjects.
### DEGREE REQUIREMENTS

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<td>II A, II B</td>
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<td><strong>Psychology</strong></td>
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<td><strong>Physics</strong></td>
<td>IA or IB II</td>
<td>III A</td>
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The A subject is a pre- or co-requisite for the B subject.

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

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

In Part III the A subject is a pre- or co-requisite for the B subject.

TRANSITIONAL ARRANGEMENTS: Candidates who have passed Psychology II A prior to 1970 and who wish to attempt Psychology II B will be required to attempt such parts of the new Psychology III A and Psychology III B subjects as the Head of the Department shall specify.

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.

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 II C subject for which the II A subject is a pre- or co-requisite.

The III A subject is a pre- or co-requisite for the III B subject.

Mathematics II B may with the approval of the Head of Department, be taken in two parts.
REQUIREMENTS FOR THE DIPLOMA IN
APPLIED PSYCHOLOGY

1. There shall be a postgraduate Diploma in Applied Psychology.

2. The courses of the Diploma shall be supervised by a Board of Studies consisting of the Dean of the Faculty of Arts (ex officio) (Chairman), the Professor of Psychology (Deputy Chairman), Associate Professors, Readers, Senior Lecturers and Lecturers of the Department of Psychology and any other persons appointed by the Senate on the recommendation of the Faculty Board, Faculty of Arts, which shall seek the advice of the Board of Studies. Any person so appointed shall hold office for a period of two years and shall be eligible for reappointment.

3. Candidates for the Diploma in Applied Psychology must be eligible to graduate from the University of Newcastle or any approved University and have completed a major in Psychology or have other qualifications approved by the Admissions Committee on the recommendation of the Board of Studies and be recommended to the Dean of the Faculty of Arts for admission by the Board of Studies after interview by a committee of the Board.

4. (a) Candidates for the Diploma in Applied Psychology, over a period of two or more years of part-time attendance, shall attend lectures and complete such practical work as is required by the Board of Studies.

(b) Candidates must elect to specialise in one of the following areas:
   (i) Clinical Psychology,
   (ii) Educational Psychology,
   (iii) Industrial Psychology, or
   (iv) Any other area of Applied Psychology approved from time to time by the Faculty of Arts on the recommendation of the Board of Studies.

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), a student who has satisfied the requirements of Clause 2(b), but 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. Before making such a 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 undertake such studies as may be required by the Faculty Board, including:
   (i) general principles of education;
   (ii) educational psychology;
   (iii) educational measurement;
   (iv) methods of teaching; and
   (v) practical teaching.

5. Where a candidate has previously completed a course or subject in Education, the Faculty Board, on the recommendation of the Head of the Department of Education, may approve alternative courses 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, satisfy the requirements for admission to the degree
in the year in which he has been permitted to register.

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,
   (i) have qualified for the degree of Bachelor in the University of
Newcastle or another approved University provided that the
Faculty Board considers the degree as suitable preparation
for the applicant's proposed field of study;
   (ii) hold the Diploma of Education of the University of Newcastle
or another 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.

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.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

1. An application to register as a candidate for the degree of Master of Arts shall be made on the prescribed form which shall be lodged with the Secretary at least one full calendar month before the commencement of the term in which the candidate desires to register.

2. An applicant for registration shall either:
   (i) have satisfied all the requirements for admission to the degree of Bachelor of Arts with Honours Class I or Class II in the University of Newcastle, or to an appropriate degree of this or any other University approved for this purpose by the Faculty Board of the Faculty of Arts; or
   (ii) have satisfied all the requirements for admission to the degree of Bachelor of Arts in the University of Newcastle or other approved University; or
   (iii) 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 concerned.

3. In the case of an applicant desiring to register under Clause 2 (ii) or 2 (iii) above, the Faculty Board may require the applicant to carry out such work and sit for such examinations as the Board may determine before registration as a candidate for the degree is confirmed.

4. In every case, before permitting an application to register as a candidate, the Faculty Board shall be satisfied that adequate supervision and facilities are available.

5. An applicant for registration shall have his programme of study approved by the Faculty Board on the recommendation of the Head of Department before being permitted to register.

6. A candidate shall register as either a full-time or a part-time student.

7. Every candidate shall be required to submit a thesis embodying the results of his studies and may further be required to take such examinations and perform such other work as may be prescribed by the Faculty Board.
8. The studies and other work as provided in Clause 7 shall be conducted under a supervisor appointed by the Faculty Board or under such conditions as the Faculty Board may determine.

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.

**REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY**

1. The degree of Doctor of Philosophy may be awarded by the Council on the recommendation of the Senate to a candidate who has satisfied the following requirements.

2. A candidate for registration for the degree of Doctor of Philosophy shall:
   (i) have satisfied all of the requirements for admission to the degree of master or the degree of bachelor with first or second class honours in the University of Newcastle or a degree from another University recognised by the Senate as having equivalent standing; or
   (ii) have satisfied all of the requirements for admission to the degree of bachelor with third class honours or without honours in the University of Newcastle or a degree from another University recognised by the Senate as having equivalent standing, and have achieved by subsequent work and study a standard recognised by the Senate as equivalent to at least second class honours; or
   (iii) in exceptional cases submit such other evidence of general and professional qualifications as may be approved by the Senate.

3. The Senate may require a candidate, before he is permitted to register, to undergo such examination or carry out such work as it may prescribe.

4. A candidate for registration for a course of study leading to the degree of Ph.D. shall:
   (i) apply on the prescribed form at least one calendar month before the commencement of the term in which he desires to register; and
   (ii) submit with his application a certificate from the Head of the Department in which he proposes to study stating that the candidate is a fit person to undertake a course of study or research leading to the Ph.D. degree and that the Department is willing to undertake the responsibility of supervising the work of the candidate.

5. Before being admitted to candidature, an applicant shall satisfy the Senate that he can devote sufficient time to his advanced study and research.
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.

DEPARTMENTS OF THE FACULTY

DEPARTMENT OF CLASSICS

GREEK I

Two alternative courses requiring a similar standard of achievement but providing scope for wider reading for those with matriculation Greek, and grammatical training for those without it. Each course needs 4 hours per week.

GREEK IIA

A course of 5 hours per week covering three prescribed authors, prose composition in Greek, unprepared translation, and iambic verse composition.

GREEK IIB

A course of 4 hours per week covering two extra authors, harder prose, and history and epigraphy of the 4th century B.C.

N.B. Candidates taking both IIA and IIB concurrently will be excused the IIA prose class and will need 8 hours per week.

GREEK IIIA

Candidates will take the same course as the concurrent IIA plus IIB candidates—8 hours per week.

GREEK IIIB

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

N.B. Concurrent IIIA and IIIB candidates will be excused the prose, verse, unprepared translation and history and epigraphy classes set down for IIIA. Their total load will be 8 hours per week.
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) and (7)

Four special studies, each prepared in one class per week throughout the year.

(8) One paper in either Palaeography or Epigraphy or verse composition.

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.
Honours candidates will normally take six subjects over four years—viz. Greek I in 1st year, Greek IIA and IIB in 2nd year, Greek IIIA and IIIB in 3rd year and Greek IV in 4th year.

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

Third-year students who have already passed IIB shall take either IIIA and IIIB, or IIIB only.
Intending Honours candidates who have not taken or are not currently taking the transformational syntax strand of Linguistics IIA (see Handbook, p. 183) in another part of their course are required to take it as a Special Study either in Greek IIIB or Greek IV.

LATIN I

A course of five hours per week comprising prose composition, and the study of three prescribed texts, the Greek background to Latin literature, and elementary metrics.

LATIN IIA

A course of 6 hours per week covering three prescribed authors, prose composition in Latin, rapid reading of Virgil's Aeneid, and either Republican History with Palaeography (1973) or Imperial History with Epigraphy (1972) in alternate years.

LATIN IIB

A course of 3 hours per week covering an extra author, harder prose and historical syntax.

N.B. Candidates taking both IIA and IIB concurrently will be excused the IIA prose class and need 8 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—8 hours per week.

LATIN IIIB

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

N.B. Concurrent IIIA and IIIIB candidates will be excused the prose and historical syntax classes set down for IIIA. Their total load will be 11 hours per week.

LATIN IV

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) and (7).

Four special studies, each prepared in one class per week throughout the year.

(8) One paper in either Palaeography or Epigraphy or verse composition.

N.B. Six hours instruction per week.
PROGRESSION TO DEGREE

Ordinary degree candidates will normally take three units in successive years—viz. Latin I, Latin II A, Latin III A. Honours candidates will normally take six subjects over four years—viz. Latin I in 1st year, Latin II A and II B in 2nd year, Latin III A and IIIB in 3rd year and Latin IV in 4th year.

N.B. No candidate shall take III A concurrently with II B.

Third-year students who have already passed II B shall take either III A and IIIB, or IIIB only.

Intending Honours candidates who have not taken or are not currently taking the transformational syntax strand of Linguistics II A (see Handbook, p. 183) in another part of their course are required to take it as a Special Study either in Latin IIIB or Latin IV.

CLASSICAL CIVILISATION

A course of four lectures per week and one tutorial class per week.

The syllabus comprises:

(a) An outline of Greek History with special reference to geographical and socio-economic factors and a similar survey of Roman History.
(b) A survey of Greek philosophy with particular reference to the impact of the contemporary religious, linguistic and technical notions.
(c) The reading and discussion of certain Greek and Latin literary works in translation.

There will be two 3,000-word essays set, one for first term and one for second term. Marks will be included from these and the two tutorial papers per year prepared by each student, as well as those derived from the one three-hour examination; 70% will be allotted to the examination, 10% to each essay, and 5% to each paper.

SANSKRIT 1

A course of 5 hours per week covering basic grammar, two prescribed authors, prose composition in Sanskrit and unprepared translation, as well as background to Indian culture.
HONOURS CANDIDATES IN CLASSICS

The normal honours course in Classics will comply with the new rules for progression in the following manner:

FIRST YEAR
Latin I and Greek I and one or two other 1st year subjects.
N.B. Sanskrit I is recommended.

SECOND YEAR
Latin II, Latin IIA and Greek IIA.

THIRD YEAR
Latin IIIA, Greek IIIA and Greek IIIB.
N.B. IIIA in each subject is equivalent to IIA plus IIIB 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 IIIB 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) and (10)
Four 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.
(11) Two halves—one in Greek Palaeography, Epigraphy or verse; the other in Latin Palaeography, Epigraphy or verse.
N.B. Seven hours instruction per week.
LATIN

**LATIN IIIB**
Tertullian, *Apologeticus*, Waltzing and Severyns, Bude

**LATIN IIIB & IIIA**
Propertius, Book II, W. A. Camps (C.U.P.)

**LATIN IIA**
Catullus, ed. Mynors (O.C.T.)
Tacitus, *Agricola*, R. M. Oglive (O.U.P.)

**LATIN I**
Ovid, *Amores*, A. G. Lee, (Thames & Hudson)

**ADDITIONAL PRESCRIBED BOOKS FOR WRITTEN EXERCISES**

**LATIN I & II**
Mountford, *Bradley's Arnold—Latin Prose Composition*
C. G. Cooper—*An Introduction to the Latin Hexameter* (M.U.P.)

**ADDITIONAL TEXTS FOR LATIN I BACKGROUND COURSE**
Homer, *The Iliad*, ed. E. V. Rieu (Penguin)

CLASSICAL CIVILISATION

**A. GREEK AND ROMAN HISTORY AND BACKGROUND WORKS**
W. K. C. Guthrie, *The Greeks and Their Gods* (Methuen, University Paperbacks)
R. W. Hutchinson, *Prehistoric Crete* (Penguin)
C. M. Bowra, *Landmarks in Greek Literature* (Penguin)
J. P. V. D. Balsdon, *Roman Civilisation* (Penguin)
R. H. Barrow, *The Romans* (Penguin)
W. A. Laidlaw, *Latin Literature* (Methuen, Home Study Books)
F. R. Cowell, *Cicero and the Roman Republic*, (Pelican)
P. A. Brunt, *Social Conflicts in the Roman Republic* (Chatto & Windus)
W. G. Forrest, *The Emergence of Greek Democracy* (W.U.L.)
A. R. Burn, *The Pelican History of Greece* (Pelican)
R. Syme, *The Roman Revolution* (O.U.P.)
H. C. Boren, *The Roman Republic* (Anvil)
A. H. M. Jones, *Augustus* (Chatto & Windus)
J. M. Riddle, *Tiberius Gracchus* (Heath)
V. Ehrenberg, *From Solon to Socrates* (U.P.)
H. Michell, *Sparta* (C.U.P.)
A. Andrewes, *The Greek Tyrants* (Hutchinson U.L.)
J. N. Claster ed., *Athenian Democracy* (Holt, Rinehart & Winston)
H. Lloyd-Jones, *The Greek World* (Pelican)
B. GREEK AUTHORS IN TRANSLATION
Homer, The Iliad Tr. E. V. Rieu (Penguin Classics)
Sophocles, The Theban Plays Tr. E. F. Watling (Penguin Classics)
Aeschylus, The Oresteian Trilogy (Penguin Classics)
Euripides, The Bacchae and Other Plays Tr. P. Vellacott (Penguin Classics)
Thucydides, The Peloponnesian War Tr. Rex Warner (Penguin Classics)
Plato, The Last Days of Socrates Tr. H. Tredennick (Penguin Classics)
Plato, Protagoras and Meno Tr. W. K. C. Guthrie (Penguin Classics)
Aristophanes, The Frogs and Other Plays (Penguin Classics)

C. LATIN AUTHORS IN TRANSLATION
Virgil, The Aeneid Tr. Jackson Knight (Penguin Classics)
Horace, The Odes Tr. J. L. Michie (Penguin Classics)
Livy, The Early History of Rome Tr. A. de Selincourt (Penguin Classics)
Terence, The Brothers and Others Plays Tr. B. Radice (Penguin Classics)
Seneca, Letters from a Stoic Tr. R. Campbell (Penguin Classics)
Tacitus, On Imperial Rome Tr. M. Grant (Penguin Classics)
Petronius, The Satyricon Tr. J. Sullivan (Penguin Classics)

DEPARTMENT OF ECONOMICS

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 I, Economics IIA, 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 Elementary Economic Statistics and Commerce Statistics (or Statistical Analysis I) at an appropriate stage of their course.

All Candidates intending to select Commerce Statistics, Statistical Analysis I, 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 I
(i) Microeconomics.
(ii) ONE OF:
   (a) Elementary Economic Statistics.
   (b) Applied Economics.

ECONOMICS II A
(i) Macroeconomics.
(ii) Elementary Economic Statistics, if that subject was not taken in Economics I; otherwise,
   ONE OF:
   (a) Commerce Statistics*
   (b) Statistical Analysis 1*
   (c) Monetary Economics
(iii) Candidates for the Honours Degree may be required to take some additional work prescribed by the Head of the Department of Economics

ECONOMICS II B
(For students who are enrolled in Economics IIA or have already passed it)
TWO OF:
   (i) Industry Economics
   (ii) Labour Economics
   (iii) Monetary Economics (if not taken previously)
   (iv) Commerce Statistics* (if not taken previously)
   OR
   Statistical Analysis I* (if not taken previously)

ECONOMICS III A
(i) Fluctuations and Growth
(ii) Public Economics
(iii) International Economics
(iv) A candidate for an Honours degree in Economics who has passed only Economics I and II A and is currently enrolled in Economics III A 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 III B
(For students who are enrolled in Economics III A 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 Monetary Economics (if not taken previously)
   (vi) Commerce Statistics OR Statistical Analysis I* (if not taken previously)
   (vii) Labour Relations

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 two alternative programmes
(i) four major topics PLUS a thesis embodying results of a research investigation
OR
(ii) six major topics.

In 1972 the topics (or units) to be offered are:
   Microeconomic Theory (1 unit)
   Welfare Economics (½ unit)
   Economic Planning (½ unit)
   Economic Development (1 unit)
   History of Modern Economic Thought (½ unit)
   Regional Economics (½ unit)
   Urban Economics (½ unit)
   Econometrics II (1 unit)
   Transport Economics (½ unit)

PLUS Econometrics I
(1 unit)

* See page 104.
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. Elementary Economic Statistics is a prerequisite for Commerce Statistics and Statistical Analysis I, 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 Commerce Statistics or Statistical Analysis I.

2. Commerce Statistics or Statistical Analysis I 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 in 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 IIA

(i) Microeconomics.

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

(a) Commerce Statistics OR Statistical Analysis I.

(b) Monetary Economics.

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

ECONOMICS IIB

Same as for Economics IIB.

ECONOMICS IIIA

(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 IIA but not Economics IIB, and is currently enrolled in Economics IIIA only.
ECONOMICS IIIBT

Candidates can only enrol in this unit if they concurrently enrol in or have already passed Economics IIAT.

TWO OF:

(i) Econometrics.
(ii) Mathematical Economics.
(iii) Theory of Economic Policy.
(iv) History of Economic Thought (only if Economics IIAT has already been passed).
(v) Industry Economics or Labour Economics or Monetary Economics (if not taken previously).
(vi) Fluctuations and Growth (only if Economics IIAT has already been passed).
(vii) Commerce Statistics or Statistical Analysis I (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.

ECONOMICS I

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 and 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.

READING LIST

PRELIMINARY READING (intended mainly for students who have not studied Economics before).


BOOKS RECOMMENDED FOR PURCHASE

Mansfield, E.—Microeconomics, Theory and Applications (Norton) together with one of the following:
Ferguson, C. E. & Maurice, S. C.—Economic Analysis (Irwin)
Leftwich, R. H.—The Price System and Resource Allocation (Holt, Rinehart & Winston)
Bain, J. S.—Price Theory (Holt, Rinehart & Winston)

MORE ADVANCED TEXTS

Bilas, R. A.—Microeconomic Theory—a Graphical Analysis
Friedman, M.—Price Theory—a Provisional Text (Aldine Press)
Ryan, W.—Price Theory (Macmillan)
American Economic Association—Readings in Price Theory (Allen & Unwin)
American Economic Association—Readings in Industrial Organisation (Allen & Unwin)
Becker, G. S.—Economic Theory (Alfred A. Knopf)
ELEMENTARY ECONOMIC STATISTICS

This is an introductory course beginning 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 covered are 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.

PRELIMINARY READING

Moroney, M. J.—Facts from Figures (Pelican)

TEXT BOOK
Shao, Stephen P.—Statistics for Business and Economics (Merrill)

APPLIED ECONOMICS

This course consists of two main segments (1) Comparative Economic Systems (2) An Introduction to the Australian Economy.

The first segment considers the nature and classification of economic systems and examines and compares the main features of selected modern economies, e.g., U.S.S.R., Yugoslavia. The second segment includes the following areas of study: post-war government economic objectives and policy; the relative performance of major producing sectors; foreign investment and protection; case studies of main Australian industries; wage determination and trade unions.

PRELIMINARY READING


TEXT BOOK

MACROECONOMICS

The course deals with the determination and measurement of the levels of income, employment and economic activity. Models of closed systems are introduced and the connections between the major aggregate economic variables are outlined. This part includes consideration of the factors bearing on two major components of aggregate demand: consumption and investment, as well as those influencing aggregate supply. The external sector and the government sector are incorporated in the lectures. The emphasis is on short-run models of aggregate economic behaviour.

(3 hours lectures and tutorials per week)

TEXT BOOKS

Ackley, G.—Macroeconomic Theory (Macmillan, 1961)
Bober, D.—Economics of Cycles and Growth (Wiley, 1967)
Keynes, J. M.—General Theory of Employment, Interest and Money (Macmillan)
Shapiro, E.—Macroeconomic Analysis, 2nd edition (Harcourt, Brace and World, 1970)

RECOMMENDED READING

Ball, R. J.—Inflation and the Theory of Money (Allen & Unwin)
Keiser, N. F.—Macroeconomics (Random House, 1971)
Perlman, R.—Inflation—Demand Pull or Cost Push (Heath, 1965)
Shapiro, E. (Ed.)—Macroeconomics, Selected Readings (Harcourt, Brace and World, 1970)
MONETARY ECONOMICS

Major aspects of the workings of modern monetary systems, in theory and practice, are studied. The following major topics are considered: the theory of the demand for money; the relationship of the monetary and real sectors of the economy; the economics of domestic banking; central banking; techniques of monetary control; banking and financial institutions in Australia; monetary policy in Australia; international aspects of money and banking.

PRELIMINARY READING
Morgan, E. Victor—*A History of Money* (Pelican, 1965)

TEXT BOOKS
Runcie, Neil (Ed.)—*Australian Monetary and Fiscal Policy* (University of London Press)

COMMERCE STATISTICS

This course is an introduction to classical statistical inference and to decision theory. Topics considered are: probability, random variables and their distributions, sampling, estimation, hypothesis testing, analysis of variance, regression, correlation, decision theory.

TEXT BOOK

REFERENCE BOOKS
Shao, Stephen P.—*Statistics for Business and Economics* (Merrill)

STATISTICAL ANALYSIS I

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 the course a detailed examination is made of utilisation of Input-Output Analysis and Linear Programming in Economics.

TEXT BOOKS
Turner, J. C.—*Modern Applied Mathematics* (English University Press)
Chiou-Shuang, Yan—*Introduction to Input-Output Economics* (Holt, Rinehart and Winston)

RECOMMENDED READING
Chenery and Clark—*Interindustry Economics* (Wiley)
Simonnard, M.—*Linear Programming* (Prentice-Hall)
Gass, Saul I.—*Linear Programming* (McGraw-Hill)
INDUSTRY ECONOMICS

The topics covered in this course have been selected to probe more deeply into certain conditions and problems that have important economic effects on industrial activity and to provide application (particularly Australian) of some of the microeconomic principles previously acquired. As such, some of the subjects dealt with are: the practical consequences of uncertainty on industrial investment rate-of-return forecasting, pricing practices, and effective barriers to entry; the economic aspects of advertising; the impact of the international corporation; the approach to, and, effectiveness of legislation against restrictive trade practices in Australia and overseas; the scope for, and control of public enterprises; and the growing importance of the service industries.

RECOMMENDED READING

Firestone, O. J.—The Economic Implications of Advertising (Methuen, 1967)
Walker, R. R.—The Communicators (Landsowne, 1967)
A.I.P.S.—Big Business in Australia (Angus & Robertson, 1970)
Coyle, J. and Mock, E. (Eds.)—Readings in International Business (International Textbook Co. 1965)
Richardson, J. E.—Introduction to Australian Trade Practices Act, (Hicks Smith, 1967)
Shepherd, W.—Economic Performance Under Public Ownership (Yale, 1965)
Fuchs, V.—The Service Economy (N.B.E.R., 1968)

LABOUR ECONOMICS

The course is concerned with the economic significance of labour as a factor of production.

The following topics are included: analysis of the supply of labour and the labour market; the determination of wage rates and wage structures; theories of income distribution; wage criteria and methods of fixation with special reference to the context of arbitration; the behaviour of money wages and the problem of inflation; labour market policy and incomes policy.

(2 hours per week)

RECOMMENDED READING

Cartter, A. M.—Theory of Wages and Employment (Irwin)
Isaac, J. E. & Ford, G. W.—Australian Labour Economics: Readings (Sun Books)
Horn, R. V.—Labour Economics, Australia (Cheshire)
Davidson, P.—Theories of Aggregate Income Distribution (Rutgers U.P.)
Isaac, J. E.—Wages and Productivity (Cheshire)
Ball, R. J. & Doyle, P. (Eds.)—Inflation (Penguin)
McCormick, B. J. & Owen Smith, E. (Eds.)—The Labour Market (Penguin)
Jaques, E.—Equitable Payment (Penguin)
International Labour Office—Job Evaluation (I.L.O. Studies and Reports N.S. 56)
Perlman, R.—Labor Theory (Wiley)
ECONOMICS IIIA

FLUCTUATIONS AND GROWTH

The first half of this course is concerned with the dynamics of economic fluctuations and growth within the framework of an advanced economy. A critical appraisal is undertaken of leading contributions in this field such as those of Harrod, Hicks, Duesenberry, Goodwin and Smithies. The second half of the course is concerned specifically with problems of economic growth and development, and it treats in detail such topics as the production function, technical progress, the classical and neoclassical models of growth, investment criteria, population, and general growth strategy. The course concludes with an examination of economic development in selected countries in Asia, the South Pacific, the Middle East and Europe.

READING LIST
Matthews, R. C. O.—The Trade Cycle (Nisbet, 1959)
Enke, S.—Economics for Development (Prentice-Hall, 1963)

INTERNATIONAL ECONOMICS

This course begins with 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. This is followed by analysis of balance of payments problems and of various policies of adjustment, such as internal deflation, devaluation 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. The final section reviews Australia’s changing pattern of foreign trade and payments and assesses relevant economic policies.

(2 hours per week)

READING LIST
Kindleberger, C. P.—International Economics (Irwin)
Snape, R. H.—International Trade and the Australian Economy (Longmans paperback)
Pearce, I. F.—International Trade, Book I (Macmillan Student Editions)
Snider, D. A.—International Monetary Relations (Random House paperback)
Yeager, L. B.—The International Monetary Mechanism (Holt, Rinehart & Winston paperback)
PUBLIC ECONOMICS

Public Economics is a study of government intervention in the economy through the budget. It is, therefore, concerned with taxes and with government expenditures. There is an analysis of the effects of various existing personal and business taxes in Australia on incentives to work, to consume, to save and to invest. There is also a discussion of other possible taxes, such as expenditure tax, a capital gains tax and a tax on value added.

The macro-economic aspects of the budget are examined. Topics covered include the relation of fiscal policy to other economic and social policies for growth and stability and applications of basic multiplier theory to budgetary measures. There is also a discussion of the problems of the national debt, of inter-governmental financial relationships and of the place of fiscal policy in socialist economies and in developing economies.

READING LIST
Nevile, J. W.—Fiscal Policy in Australia (Cheshire, 1970)
Turvey, R. (Ed.)—Public Enterprise (Penguin, 1968)
McKean, R. N.—Public Spending (McGraw-Hill, 1968)
Herber, B. P.—Modern Public Finance (Irwin, 1970)
Johansen, L.—Public Economics (North Holland, 1965)

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 LIST
Schumpeter, J. A.—A History of Economic Analysis (Oxford University Press)
Roll, E.—A History of Economic Thought (Faber)
Blaug, M.—Economic Theory in Retrospect (Heinemann)
Spiegel, H. W.—The Growth of Economic Thought (Prentice-Hall)
Lekachman, R.—A History of Economic Ideas (Harper)
Rima, I. H.—Development of Economic Analysis (Irwin)
Heimann, E.—History of Economic Doctrines (Oxford University Press)

THE THEORY OF ECONOMIC POLICY

The first part of this course will deal with the logic and design of policy in a macroeconomic context. Among the topics considered will be the aims and means of policy; the resolution of policy conflicts; the determination of consistency of aims and means; quantitative policy models; policies aimed at a specific sector of the economy and at multiple targets.

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

RECOMMENDED READING
Ball, R. J. and Doyle, P. (eds.)—Inflation (Penguin Modern Economics, 1969)
ECONOMICS IIIIB

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.

TEXT BOOKS
Johnston, J.—Econometric Methods (McGraw-Hill)
and
Fox, K. A.—Intermediate Economic Statistics (Wiley) OR
Wonnacott, R. J. and Wonnacott, T. H.—Econometrics (Wiley)

RECOMMENDED READING
Goldberger, A.—Econometrics (Wiley)
Huang, D. S.—Regression and Econometric Methods (Wiley)
Malinvaud, E.—Statistical Methods of Econometrics (North-Holland)
Hadley, G.—Linear Algebra (Addison-Wesley)

MATHEMATICAL ECONOMICS

This subject is concerned with applications of mathematical techniques to theories of fluctuations, growth and allocation. Some treatment of programming applications in economics. The mathematical level that will be assumed in this course is the advisory prerequisite for the Faculty of Economics and Commerce—Second Level Short Course Mathematics, or its equivalent.

(2 hours per week)

READING LIST
To be announced.

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.

TEXT BOOKS
Isaac, J. E. and Ford, G. W.—Australian Labour Relations: Readings (Sun Books)
Ford, G. W. and Matthews, P. W. D.—Australian Trade Unions (Sun Books)
Flanders, A. (Ed.)—Collective Bargaining (Penguin)
ECONOMICS IV

MICROECONOMIC THEORY (1 Unit)

This course will deal with some advanced aspects of economic theory, details of which will be announced later, together with suggested reading.

WELFARE ECONOMICS (½ Unit)

This course begins with a discussion of the concept of welfare in general and economic welfare in particular, and then introduces the problems associated with the necessary and sufficient conditions for policy changes, valuation of national income, and assessment of the desirability of competition. Classical and Neo-Classical theories are examined, and compared with the “New Welfare Economics.”

RECOMMENDED READING

Rothenberg, P.—The Measurement of Social Welfare
Little, I. M. D.—A Critique of Welfare Economics
Mishan, E.—Welfare Economics
Graaf, de V.—Theoretical Welfare Economics
Pigou, A.—The Economics of Welfare

ECONOMIC PLANNING (½ Unit)

This course deals with some of the problems involved in the adoption and implementation of economic planning at the national level. After an introductory discussion of general equilibrium theory and the Paretoian equimarginal criteria, the conditions of “economic efficiency” are examined against the background of various incidences of departure from the perfectly competitive model; non-market interdependence; externalities; and the resulting inevitability of second-best solutions. This is followed by an analysis of the logic, scope and structure of planning models; short-term, medium-term and long-term models; macro models and sectoral models; Lange’s “competitive socialist” model, the “centralised socialist” solution and planning in “private-enterprise” economies. The latter part of the course will deal with case studies of economic planning, with particular slant towards the applied aspects of planning, deviations from or special application of, planning theory, such as indicative planning, the Mahalanobis four-sector model, Frisch’s decision models, Tinbergen’s “stage planning,” and the application of the limited scope, Chenery-type “resource programming” model for open economies with critical shortages of capital or foreign exchange.

READING LIST

Chakravarty, S.—The Logic of Investment Planning (North-Holland Publishing Co., Amsterdam, 1968)
ECONOMIC DEVELOPMENT (1 Unit)

This course is an extension of third year work in Fluctuations and Growth. It begins by analysing a number of growth models, not previously examined, principally with a view to assessing their value for the analysis of the development process in low-income countries. This is followed by a critical appraisal of recent theories in economic development, specifically those by Rostow, Fei and Ranis, Lewis, Hagen and Streeten. A detailed examination is then undertaken of basic development issues such as the problem of technological choice, the appropriate criteria for the allocation of investment, the place of human capital, industrialisation and the more general issues concerning development strategy and planning. The latter part of the course deals with case studies of economic development in Asia, the South Pacific and Latin America in each particular situation, and it focuses on the applicability of basic concepts and theoretical propositions developed earlier.

READING LIST

Tinbergen, J.—The Design of Development (The John Hopkins Press, 1958)

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 judgement 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 1930's.

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.

READING LIST

Seligman, Ben B.—Main Currents in Modern Economics (The Free Press, N.Y., 1962)
Stigler, G. J.—Production and Distribution Theories (Macmillan, N.Y., 1941)
Schumpeter, J. A.—Ten Great Economists (Oxford University Press, N.Y., 1951)
REGIONAL ECONOMICS (½ Unit)

This course deals with the application of economic analysis and policy to the economic activity and problems of sub-national areas. Topics covered include: definition and delimitation; homogeneous, nodal and programming regions. Regional accounts, input-output descriptions of regional economies, and gravity models. Theory of regional income determination; Interregional activity flows, regional balances of payments, factor mobility and regional growth. The impact of growth on the economic structure of regions. Policy objectives and efficiency criteria; alternative policy strategies. Empirical tools of analysis, estimation and forecasting of regional economic activity. Case studies.

READING LIST

Chenery, H. B. and Clark, P. G.—Interindustry Economics (John Wiley and Sons, 1962)
Needleman, L. (Ed.)—Regional Analysis (Penguin Modern Economics, 1968)
Richardson, H. B.—Regional Economics (Weidenfeld and Nicolson, 1969)
Stone, R.—Mathematics in the Social Sciences and Other Essays: X. Social Accounts at the Regional Level: A Survey and XI. A Comparison of the Economic Structure of Regions Based on the Concept of “Distance.” (Chapman and Hall, 1966)

URBAN ECONOMICS (½ Unit)

This course provides a broad 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.

MAJOR REFERENCES

Hauser and Schnore—The Study of Urbanization (Wiley)
Isard, Walter—Location and Space Economy (Wiley)
Hoover, E.—The Location of Economic Activities (McGraw-Hill)
Fisher—The Metropolis in Modern Life (Russell & Russell)
Vernon, R.—Metropolis 1985 (Doubleday Anchor)
Mayer and Kohn—Readings in Urban Geography (University of Chicago Press)
Losch, A.—The Economics of Location (Wiley)
Dickinson, R. E.—City and Region (Routledge and Kegan Paul)
Handlin and Burchard—The Historian and the City (M.I.T. Harvard)
ECONOMETRICS II (1 Unit)

This course continues on from Econometrics I, and pays particular attention to econometric model building and simultaneous estimation techniques. Each student in the course will also be expected to complete a piece of applied economic research using econometric techniques.

READING LIST
Christ, C. F.—Econometric Models and Methods (Wiley)
Goldberger, A.—Econometric Theory (Wiley)
Malinvaud, E.—Statistical Methods of Econometrics (North-Holland)
Dhrymes, P.—Econometrics, Statistical Foundations and Applicants (Harper & Row)
Hood, W. C. and Koopmans, T. C. (Eds.)—Studies in Econometric Method (Wiley)

Reference to articles will be given during the course.

TRANSPORT ECONOMICS (½ Unit)

This course will be concerned with: (a) the application of economic theory to resource allocation problems in the transport field, and (b) the specific contribution the improvement of transportation facilities has made to economic growth.

Within the first part of the course emphasis will be placed on the problems posed by the need for urban mass transportation, while within the second part of the course emphasis will be on the contribution transport economics can make to understanding some aspects of the economic growth of the highly industrialised economies.


DEPARTMENT OF EDUCATION

GENERAL

The Department offers subjects at the Part II (Education IIA), 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 IIA 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 IIA, and obtain approval for his subsequent degree programme. Final acceptance as a candidate for honours will depend on meritorious performance in Education IIA, 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 IIIA
(3 hours lecture, 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
Gribble, J. Introduction to Philosophy of Education (Boston: Allyn & Bacon, 1969)
Soltis, J. F. An Introduction to the Analysis of Educational Concepts (Reading Mass.: Addison-Wesley, 1968)

(b) HISTORY OF WESTERN EDUCATION
Boyd, W. The History of Western Education (London: A. & C. Black, 1964)

(c) SOCIAL AND COMPARATIVE ASPECTS OF EDUCATION

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) AN INTRODUCTION TO 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. Individual behaviour and social interaction in the teaching-learning situation.

Students who have not completed Psychology I will be required to complete a course of preliminary reading during the vacation.

TEXTBOOKS

(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 will be required to undertake a course of preliminary reading during the vacation).

TEXTBOOKS
MODERN THEORIES IN EDUCATION
(2 hours per week)

This course aims to survey the most significant theories of education in the 19th and 20th centuries. English, German, Italian, Russian, U.S., and Australian educational theorists will be studied, and their influence on New South Wales educational theory will be noted where relevant.

TEXTBOOKS
Cremin, L.  
_The Transformation of the School_  

Curtis, S. & Boulwood, M.  
_An Introductory History of English Education since 1800_  

AUSTRALIAN EDUCATION SINCE 1880
(2 hours per week)

This course 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. (ed.)  
_Education in Australia in the Twentieth Century_  
(Melbourne: Longmans 1972)

EDUCATION III B
(4 hours per week)

Students in this subject are required to take the units specified above for Education III A which have not previously been studied.

EDUCATION IV

The content of this course will be designed to meet the needs and interests of individual students, and will require full-time study for one academic year or when taken by part-time students will be extended over two years. It will include:

(a) advanced work in research methodology;
(b) a study of selected problems in education;
(c) an investigation of a topic selected in consultation with the Head of the Department.

A full report of the investigation must be submitted. In addition to such written papers as may be required, there may be an oral examination.

DIPLOMA IN EDUCATION

GENERAL

The course for the Diploma in Education is offered by the University but students may be required to attend some classes at Newcastle Teachers' College. The course requires one year of 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 81 of this Handbook, and the prerequisites specified for two teaching method subjects from the following:

- English
- History
- French
- German
- Latin
- Greek
- Geography
- Junior Mathematics
- Senior Mathematics
- Social Studies
- Primary Method (double subject)
- Infants Method (double subject)
- Commerce (Economics)

The prerequisites to be satisfied are as follows:

(a) For all subjects other than those specified below, the prerequisite is the satisfactory completion of a second year university subject in the appropriate discipline e.g. History Method requires History I and History IIA or IIB; French Method requires French I and French IIA or IIB (not Introductory French and French I).

(b) Junior Mathematics — the satisfactory completion of at least two subjects in Mathematics, being Mathematics I and either Mathematics IIA or IIB.

(c) Senior Mathematics — the satisfactory completion of at least three subjects in Mathematics being Mathematics I, Mathematics IIA, and either Mathematics IIB or IIC.

(d) Junior Science — the satisfactory completion of a course which includes at least three Group I subjects from different fields of Science (Chemistry, Geology, Physics or Biological Science) and one Group II subject from one of these fields.

(e) Senior Science — the satisfactory completion of a course which meets the requirements for admission to Junior Science Method and which includes at least two Group II subjects from different fields of Science (Chemistry, Geology, Physics or Biological Science), or at least one Group III subject from these fields.

(f) Social Studies — the satisfactory completion of any two subjects of Economics I, Geography I and History I.

(g) Primary and Infants Methods — no subject prerequisite.
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 FOR THE COURSE

1. EDUCATION A
(3 hours per week in Terms 1 & 3)
An introduction to the theory and background of education with particular reference to New South Wales.

TEXTBOOKS
Barcan, A. *A Short History of Education in New South Wales* (Sydney: Martindale Press, 1965)

2. EDUCATION B
(2 hours per week in Terms 1 & 3; special topics in Term 2)
Psychological foundations of education including learning, motivation, cognition, development psychology, personality and the social psychology of education.

TEXTBOOKS
Reynolds, G. S. *A Primer of Operant Conditioning* (Glenview, Ill.: Scott, Foresman & Co., 1968)

3. GENERAL PRINCIPLES OF TEACHING
In 1972 the material of this subject will be included in the Curriculum and Method Subjects.

4. EDUCATIONAL MEASUREMENT
(2 hours per week in Terms 1 & 3)
Basic educational statistics; test construction; evaluation of educational objectives; interpretation of examination results.

TEXTBOOKS
OR

5. CURRICULUM AND METHOD SUBJECTS
(Two subjects selected from the list given above; each 3 hours per week in Terms 1 & 3 plus demonstrations as arranged)
Additional units may be prescribed in association with specific teaching method subjects.

TEXTBOOKS
(a) ENGLISH

(b) FRENCH & GERMAN
(c) HISTORY

Burston, W. H.
Principles of History Teaching
(London: Methuen, 1964)

Carr, E. H.
What is History?
(Harmondsworth: Penguin, 1964)

Walshe, R. D. & Little, N. A.
Ways We Teach History
(eds.)
(Sydney: History Teachers' Assoc., 1971)

(d) GEOGRAPHY

Prerequisite Reading

Board, Christopher, Chorley, Richard J., Haggett, Peter and Stoddart, David (eds.)
Progress in Geography, International Reviews of Current Research Vols. 1, 2, 3
(London: Edward Arnold, 1969-1971)

Chorley, R. J. & Haggett P.
Frontiers in Geographical Teaching
(London: Methuen, 1965)

Haggett, P., & Chorley, R. J.
Network Analysis in Geography
(London: Edward Arnold, 1970)

Hartshorne, Richard
Perspective on The Nature of Geography
(Chicago: Rand McNally, 1959)

Harvey, D.
Explanation in Geography
(London: Edward Arnold, 1969)

Minshull, Roger
The Changing Nature of Geography
(London: Hutchinson, 1970)

TEXT BOOKS

Adams, Abler, and Gould, P.
The Organisation of Space
(New York: Prentice-Hall, 1971)

Bacon, Phillip (Ed.)
Focus on Geography: Concepts and Teaching Strategy

Ball, John M., Steinbrink, J. E. and Stoltman, J. P.
The Social Sciences and Geographic Education: A Reader
(New York: Wiley, 1971)

Biddle, D. S. (Ed.)
Readings in Geographical Education Vol. I.
(Sydney: Whitcombe & Tombs, 1968)

Biddle, D. S. & Shortle, David (Eds.)
Programme Planning in Geography
(Sydney: Martindale, 1965)

Cooke, R. U. & Johnson, J. H. (Eds.)
Trends in Geography
(London: Pergamon Press, 1969) or

Trends in Geography, The Behavioural and Social Sciences Survey

Long M., & Roberson, B. S.
Teaching Geography
(London: Heinemann, 1966)

Richmond, Kenneth W.
The School Curriculum
(London: Methuen, 1971) or

Saylor, J. Galen & Alexander, William
Curriculum Planning for Modern Schools
(New York: Wiley, 1971)

(e) MATHEMATICS

Collis, K. F.
Relationship Between Textbook Orientation and Mathematics Achievement and Attitude
(Brisbane: University of Queensland Press, 1970)

Fremont, H.
How to Teach Mathematics in Secondary Schools
(Philadelphia: W. B. Saunders Company, 1969)

Schminke, C. W.
Mathematics Is a Verb
(Illinois: Dryden Press, 1971)
6. HEALTH
(1 hour per week in Term 3)

7. PHYSICAL EDUCATION
(2 hours per week in Terms 1 & 3 optional)

8. ORAL COMMUNICATION
(1 hour per week in Term 1)

All students are required to achieve a satisfactory standard in speech. Students passing a prescribed test may be exempted from further work in the subject.

9. PRACTICE TEACHING

Students are required to undertake a period of two-weeks’ practice teaching during February prior to commencing the course.

The major period of practice teaching is arranged for a total of six weeks during Second Term. The remainder of that term will be devoted to the study of special topics related to teaching practice and to work in the Curriculum Method Subjects.

10. SPECIAL SUBJECTS ASSOCIATED WITH TEACHING METHODS

(a) Speech for English Method Students
1 hour per week in Terms 1 and 3.

(b) Drama for English Method Students
1 hour per week in Terms 1 and 3.

Also available as an optional subject for other students.

(c) Biology
4 hours per week in Terms 1 and 3.
Available as an optional subject for students of Science Method who have not previously studied Biological Science.

(d) Business Principles and Bookkeeping for Commerce Method Students.
1 hour per week in Terms 1 and 3.
Exemption will be granted to students who have passed Accounting I.
The courses offered by the Department comprise English I, English IIA, English IIB, English IIC, English IIIA, English IIIB, English IIIC, and English IV. The “A” courses, together with the literature sections of English I, are designed to provide a survey of English Literature, beginning with the modern period and going back to the Renaissance. 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. In the “B” courses a study is made of various special topics which are not taken up in the “A” courses. The “C” courses comprise a study of Old and Middle English Language and Literature and of Linguistics. The “B” and “C” courses are normally undertaken only by students who have demonstrated a special aptitude for English studies and who wish to make English their main subject at the University. In English IV the Literature courses are divided between Renaissance Literature and Modern Literature, and the Language courses are a continuation of those in English IIC and IIIC. Pass students majoring in English must read English I, English IIA, and English IIB, and may read, in addition, English IIB or IIC and English IIIB or IIIC.

The “A” subject is a pre- or co-requisite for the “B” and “C” subjects. Special approval is required for entry into a “B” subject unless the candidate for IIIB has reached Credit level in English I or for IIIB has reached Credit level in English II and English III.

Single strands in the “B” and “C” subjects may be interchanged, but no candidate may take both the “B” and “C” subjects.

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 two major sequences of English (that is, have passed in English I, two second year and two third year subjects), or, (b) passed in one major sequence of English (English I, English IIA, English IIIA) and in a major sequence in 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.

ENGLISH I (2 hours lectures, 1 hour tutorial per week)
1. MODERN DRAMA
   Ibsen: Three Plays (Penguin)
   Shaw: Major Barbara (Penguin)
   Synge: Plays, Poems and Prose (Everyman Paperback)
   O’Casey: Three Plays (Macmillan Papermac)
   O’Neill: Ah Wilderness! And Other Plays (Penguin)
   Beckett: Endgame (Faber)
   Albee: Who’s Afraid of Virginia Woolf? (Penguin)
   Pinter: The Birthday Party (Methuen)
   Arden: Serjeant Musgrave’s Dance (Methuen)
   Aristotle: The Poetics, in Classical Literary Criticism (Penguin)

2. MODERN NOVEL
   Conrad: Heart of Darkness (Dent)
   Forster: Howards End (Penguin)
   Woolf: To the Lighthouse (Penguin)
   Joyce: A Portrait of the Artist (Penguin)
   Lawrence: Lady Chatterley’s Lover (Penguin)
   Faulkner: The Sound and the Fury (Penguin)
   Fitzgerald: The Great Gatsby (Penguin)
   White: Riders in the Chariot (Penguin)
   Stow: The Merry-go-round in the Sea (Penguin)
   Forster: Aspects of The Novel (Penguin)

3. MODERN POETRY
   Eliot: Selected Poetry (Faber)
   Yeats: Selected Poetry (Macmillan)
   Dylan Thomas: Poems (Everyman)
   Auden: Selected Poems (Penguin)

4. LANGUAGE STUDIES
   This component is concerned with a theoretical study of the English Language: it is not a course in English expression. There will be an introductory outline of what is involved in the study of English phonology, syntax and semantics, and a consideration of how these three combine to form an integrated system. A study will be made of the ways in which the English language relates to more general linguistic theory.

TEXT
(Note: only the third edition will do.)
ENGLISH IIA (2 hours lectures, 1 hour tutorial)

1. SHAKESPEARE'S TRAGEDIES & HISTORY PLAYS
   - Richard III
   - Richard II
   - Henry IV, Parts I & II
   - Romeo and Juliet
   - Hamlet
   - Othello
   - King Lear
   - Macbeth
   - Timon of Athens
   - Antony and Cleopatra

   No particular edition is prescribed, but the New Cambridge editions are recommended.

2. 19th CENTURY NOVEL
   - Austen: *Emma* (Penguin)
   - Scott: *The Heart of Midlothian* (Rinehart)
   - E. Bronte: *Wuthering Heights* (Penguin)
   - C. Bronte: *Jane Eyre* (Penguin)
   - Dickens: *Bleak House* (Rinehart)
   - *David Copperfield* (Penguin)
   - *Hard Times* (Penguin)
   - Thackeray: *Vanity Fair* (Penguin)
   - George Eliot: *Middlemarch* (Penguin)
   - *Silas Marner* (Penguin)
   - Hardy: *The Return of the Native* (Macmillan: St. Martin's Library)
   - *Jude the Obscure* (Macmillan)

3. ROMANTIC POETRY
   - Blake: *Jerusalem, Selected Poems and Prose* (Rinehart, 1970)
   - Wordsworth: *The Prelude, Selected Poems and Sonnets* (Rinehart)
   - Coleridge: *Selected Poetry and Prose* (Rinehart)
   - Byron: *Selected Poetry and Letters* (Rinehart)
   - Shelley: *Selected Poetry and Prose* (Signet)
   - Keats: *Selected Poetry* (Signet)
   - Bloom (ed.): *English Romantic Poetry* 2 vols. (Doubleday Anchor)

ENGLISH IIIA (2 hours lectures, 1 hour tutorial)

1. JACOBEAN AND RESTORATION COMEDY
   - Shakespeare: *Measure for Measure* (New Cambridge)
   - Jonson: *Epicoene* (Edward Arnold, Regents Renaissance Drama Series)
   - *The Alchemist* (Fountainwell)
   - *Volpone* (Fountainwell)
   - Marston: *The Dutch Courtesan* (Edward Arnold, Regents Renaissance Drama Series)
   - Etheredge: *The Man of Mode* (Edward Arnold, Regents Restoration Drama Series)
   - Dryden: *Plays* (Benn, New Mermaids)
   - Wycherley: *Complete Plays* (Anchor Doubleday Comedies (World's Classics)
   - Congreve:

2. 18th CENTURY NOVEL
   - Swift: *Gulliver's Travels* (Modern Library)
   - *Moll Flanders* (World's Classics)
   - Richardson: *Pamela Vol. I* (Everyman)
   - Fielding: *Joseph Andrews and Shamela* (Oxford)
   - *Tom Jones* (Penguin)
   - Johnson: *Rasselas* ed. Hardy (Oxford)
   - Smollett: *Humphry Clinker* (World's Classics)
   - Sterne: *Tristram Shandy* (Penguin)
   - Burney: *Evelina* (Oxford)

3. 17th CENTURY POETRY
   - Donne: *Poems* (Oxford)
   - Jonson: *Poems* (Muses' Library)
   - Herbert: *Poems* (World Classics)
   - Partridge, A. C. (ed.): *The Tribe of Ben* (Arnold)
   - Marvell: *Poems* (Penguin)

   (Students also reading the Milton-Burns course in English IIB/IIIB should buy *Poems* ed. D. Bush (Oxford)

4. CHAUCER
   - *The Parliament of Fowles* (Doubleday Anchor)
   - *The General Prologue to the Canterbury Tales* (Penguin)
   - *The Knight's Tale* (Penguin)
   - *The Miller's Tale* (Penguin)
   - *The Wife of Bath's Prologue and Tale* (Penguin)
   - *The Pardoner's Prologue and Tale* (Penguin)
ENGLISH IIB and ENGLISH IIIB (2 hours lectures, 1 hour tutorial per week)

(1) The following course-components will be offered in alternate years:

- 1972, 1974, etc.
- 1973, 1975, etc.

(a) 17th & 18th Century Poetry
(b) 19th Century Special Studies
(c) 20th Century Special Studies

(2) In any one year all students of IIB and IIIB will study the same course, except that, with the prior approval of the Head of Department, any student may substitute, for one component of the course, one component from the IIC/IIIC course.

(3) No component which has been credited towards a pass in IIB may subsequently be credited towards a pass in IIIB.

(4) Courses for 1972

1. 17th and 18th CENTURY POETRY: MILTON TO BURNS
   Dryden: Selected Works ed. Frost (Rinehart)
   Pope: Poems ed. J. Butt (University Paperbacks)

2. 19th CENTURY SPECIAL STUDIES
   Tennyson: Poems (Oxford)
   Browning: Selected Poetry (Rinehart)
   Arnold: Selected Poetry and Prose (Rinehart)
   Buckley, J. H. (ed.): The Pre-Raphaelites (Rinehart)
   Carr, A. H. (ed.): Victorian Poetry (Rinehart)
   Dickens: Our Mutual Friend (Penguin)
   Collins: The Moonstone (Penguin)
   Meredith: The Egoist (Signet)
   Carroll: Alice in Wonderland & Through the Looking-Glass Vol. 1 (Signet)
   Morris: The Well at the World's End 2 vols. (Ballantine)
   Wilde: The Picture of Dorian Gray (Signet)
   Selected Plays (Penguin)

3. 20th CENTURY SPECIAL STUDIES
   Yeats: Collected Poetry (Macmillan)
   Selected Plays (Macmillan)
   Selected Prose (Macmillan)
   Joyce: Dubliners (Penguin)
   Ulysses (Penguin)
   Lawrence: The Rainbow (Penguin)
   Women in Love (Penguin)
   Selection from Phoenix (Peregrine)
   Eliot: Collected Poetry (Faber)
   Selected Essays (Peregrine)
   Beckett: Murphy (Faber)
   Waiting for Godot (Faber)
   Watt (Faber)
   All That Fall (Faber)
   Happy Days (Faber)
   Play (Faber)

ENGLISH IIC

1. OLD ENGLISH
   An introductory course in the reading of Old English (Anglo-Saxon). Students will be required to learn the grammar and vocabulary necessary to translate passages of Old English prose.

2. MIDDLE ENGLISH
   The course will have the double purpose of introducing students to the linguistic phenomena of Middle English and of giving access to an important body of literature in the form in which it was written. There will be intensive work on the grammar and vocabulary of Middle English, but attention will also be given to the literary qualities of the texts.

3. THE STRUCTURE OF MODERN ENGLISH
   A course of 22 lectures on syntax. The English verb and complement systems will be used to show the formal operation of phrase structure rules and transformational rules.
   One component from the IIB course may be substituted for one of the components listed above. The strand called The Structure of Modern English is the same in content as Part BI of Linguistics IIA. Credit can be obtained for this work in EITHER English IIC OR Linguistics IIA, but not both, and The Structure of Modern English will not be available to students who are enrolled in or who have passed Linguistics IIA. Such students must therefore choose Old English, Middle English and one component of the IIB course, if they wish to take English IIC.
TEXTS

1. OLD ENGLISH
   Davis, N. (ed.): *Sweet's Anglo-Saxon Primer* revised edition (Oxford 1953)

2. MIDDLE ENGLISH
   Sisam, K. (ed.): *Fourteenth Century Verse and Prose* (Oxford)
   Cawley, A. C. (ed.): *Everyman and Medieval Miracle Plays* (Everyman)

3. THE STRUCTURE OF MODERN ENGLISH
   Jacobs, Roderick A. & Rosenbaum, Peter S.: *Transformations Style and Meaning* (Xerox College Publishing)

ENGLISH IIIC

1. OLD ENGLISH
   The course will deal with a selection of the most important poems in Old English, with one or two prose passages as illustrative background. The poems are read primarily from a critical point of view, but some reference will be made to the various problems of linguistic diversity in Old English manuscripts.

2. MIDDLE ENGLISH
   The romance of *Sir Gawain and the Green Knight* is studied critically as a whole, and, in addition, Books I and IV are prescribed for examination translation purposes. A further selection of thirteenth to fifteenth century romances are read in less depth. In both cases it is intended to give roughly equal attention to translation and philological comment on the one hand and criticism on the other, but in examination a certain leeway is made possible by choice of question to students wishing to concentrate on either area.

3. MODERN ENGLISH SYNTAX
   A transformational treatment of pronouns, conjunctions, relative clauses, negation and quantifiers, and an exploration of constraints that seem to operate on derivations.

4. MODERN ENGLISH SEMANTICS AND PHONOLOGY
   Ten lectures will be devoted to comparing deep and surface structure interpretive semantic theories with the theory of generative semantics. A further series of 10 lectures will make a detailed examination of the rules that assign stress in English, and give a description of word-level phonology.

Each student must take THREE course-components, at least TWO of which must be from the list above. The components called Modern English Syntax and Modern English Semantics and Phonology together cover the same work as Part B of Linguistics IIIA. Credit can be obtained for this work in EITHER English IIIC OR Linguistics IIIA, but not both. Consequently, these two components of English IIIC will not be available to students who are enrolled in or who have passed Linguistics IIIA. Such students must choose Old English, Middle English and one component of English IIIB, if they wish to take English IIIC. Prerequisites for the Old and Middle English components of IIIC are respectively the Old and Middle English components of IIIB. The prerequisite for Modern English Syntax and/or Modern English Semantics and Phonology is the component of IIIC called The Structure of Modern English.

TEXTS

1. OLD ENGLISH
   *Sweet's Anglo-Saxon Reader* revised Whitelock (Oxford)

2. MIDDLE ENGLISH
   Tolkien & Gordon (eds.): *Sir Gawain and the Green Knight* revised Davis (Oxford, 1967)

3. MODERN ENGLISH SYNTAX/MODERN ENGLISH SEMANTICS AND PHONOLOGY
   Allen, J. P. B. and Buren, Paul van: *Chomsky: Selected Readings* (Oxford University Press)
   Chomsky, N.: *Language and Mind* (Harcourt, Brace & World)
   Reibel, David A. & Schane, Sanford S. (eds.): *Transformational Grammar* (Prentice-Hall)

ENGLISH IV Literature (4 hours lecture/seminars per week)

A. RENAISSANCE LITERATURE

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*
*All's Well That Ends Well*
*Measure for Measure*
*Pericles*
*Cymbeline*
*The Winter's Tale*
*The Tempest*

No particular edition is prescribed, but the New Cambridge editions are recommended.
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)

RECOMMENDED READING
- Ruthven, K. K.: The Conceit (The Critical Idiom Series, No. 4, Methuen)

Prose:
- More: Utopia (Penguin)
- Elyot: The Boke named the Governour (Everyman)
- Castiglione: The Book of the Courtier (Everyman)
- Sidney: Apology for Poetry (Nelson)
- Bacon: The Advancement of Learning and New Atlantis (World Classics)
- Browne: Religio Medici and Other Writings (Everyman)

RECOMMENDED

B. MODERN LITERATURE

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)
- Robinson, E. A.: Selected Poems (Collier)
- Frost: Selected Poems (Rinehart)
- Stevens: Selected Poems (Faber)
- Pound: Selected Poems (Faber)
- Williams: Modern Poets 9 (Penguin)
- Cummings: Selected Poems (Faber)
- Lowell: Selected Poems (Faber)
- Roethke: Words for the Wind (Indiana)

Group (ii)
- Sandburg: Harvest Poems (Harvest)
- Marianne Moore: Selected Poems (Faber)
- Ransom: Poems and Essays (Vintage)
- Wilbur: Poems 1943-1956 (Faber)
- Jarrell: Selected Poems (Faber)
- Ginsberg: Modern Poets 5 (Penguin)
- James Dickey: 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: To the Lighthouse (Penguin)
- Orlando (Penguin)
- The Waves (Penguin)
- Faulkner: The Sound and the Fury (Penguin)
- Absalom, Absalom! (Chatto & Windus)
- Go Down, Moses (Penguin)
- Scott Fitzgerald: The Great Gatsby (Penguin)
- Tender is the Night (Penguin)
- Hemingway: The Essential Hemingway (Penguin)
- A Farewell to Arms (Penguin)
- Across the River and Into the Trees (Penguin)
- Nabokov: Lolita (Corgi)
- Pale Fire (Corgi)
- Baldwin: Another Country (Corgi)
- Bellow: Herzog (Penguin)
- White: The Tree of Man (Penguin)
- Riders in the Chariot (Penguin)

ENGLISH IV Language (4 hours lecture/seminars per week)
Courses will be offered in Old English, Middle English, English Linguistics, and General Linguistics. Subject to the approval of the Head of the Department students may choose an appropriate combination from these courses.
1. OLD ENGLISH
The course will deal with critical and background problems of *Beowulf*, and Old English language studies of particular relevance to the poem. In addition, the following lines are prescribed for examination translation: 1-924, 1063-1191, 1925-1962, 2014-2069a, 2231b-2277, 2417-2471, 2694-2820, 3137-3182.

2. MIDDLE ENGLISH
The course will comprise translation and study of selected works of late Mediaeval English literature, including some by Chaucer and Langland.

3. ENGLISH LINGUISTICS
The course will rely on the basic knowledge of English rules that has been established in English IIC and IIIC, and will study new contributions to knowledge about English. The work of Chomsky, Lakoff, Ross, Postal, McCawley, Jackendoff, Bach, Fillmore and Emonds in the period since 1965 will receive special attention. There will be work in syntax, semantics and phonology, and students will be encouraged to examine certain important problems which have arisen in recent attempts at the analysis of English.

4. GENERAL LINGUISTICS
This course will be concerned with changing theoretical notions since the inception of transformational theory. The first framework, as established in *Syntactic Structures*, will be compared with later modifications by Chomsky, and important contributions to theory, such as Lakoff's work "On the Nature of Syntactic Irregularity," and Ross's "Constraints on Variables in Syntax," will be examined. There will also be a consideration of the theoretical implications of the debate concerning generative and interpretive semantics.

TEXTS

**OLD ENGLISH**

**MIDDLE ENGLISH**
This edition contains the Prologue and Passus I-VII.

Other texts to be announced.

**ENGLISH LINGUISTICS**
Chomsky, N. & Halle, Morris:
Reibel, David A. & Schane, Sanford S.

**GENERAL LINGUISTICS**
Chomsky, N.:
Fodor, J. & Katz, J. J.
Jacobs, R. A. & Rosenbaum Peter S. (eds.):

**TEXTS**

*The Sound Pattern of English* (Harper & Row)
*Modern Studies in English: Readings in Transformational Grammar* (Prentice-Hall)
*Aspects of the Theory of Syntax* (M.I.T. Press)
*The Structure of Language: Readings in the Philosophy of Language* (Prentice-Hall)
*Readings in Transformational Grammar* (Blaisdell)
GENERAL

The Department offers the following subjects: French I, French II A, French II B, French III A, French III B, and French IV. The aim of the course is to develop proficiency in the French language and, by this means, to afford students 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 II B, French III B 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 the annual assessment.

(i) Literary and linguistic analysis of a number of works of French prose.
(ii) A survey of French poetry from the Middle Ages to the present day.
(iii) Training in linguistic competence (grammar; translation; the theory and practice of phonetics; reading aloud and conversation; dictation).

PRESCRIBED BOOKS

(i) Sartre, Huis clos (Appleton-Century-Crofts)
Voltaire, Candide (ed. Brumfitt) (Oxford University Press)
Mauriac, Le Nœud de Vipères (Heath)
Malraux, La Voie royale (Livre de poche)
(ii) Anthology of French Poetry (Department of French)
(iii) Carlut and Meiden, French for Oral and Written Review, with Pattern Practice Manual (Holt, Rinehart and Winston)
Dutton, Spoken French: A guide to Phonetic Theory and Practice (Novak)

SECOND AND THIRD YEAR SUBJECTS

The second and third year subjects cover a number of major areas of study in French literature from the Middle Ages to the present day. They do this over a two-year period: e.g. in 1971 they covered topics relating to medieval, 16th and 17th century literature, and 20th century drama; in 1972 the topics covered relate to the 18th 19th and 20th centuries, apart from 20th century drama. Spoken and written practice in the use of the French language forms an integral part of all Part II and Part III subjects.

The courses for 1972 are set out in detail below.

FRENCH II A (5 hours a week of lectures and tutorials. Regular assignments form an integral part of the subject and of the annual assessment.)

(i) Prose writing of the 18th, 19th and 20th centuries, with special study of Prévost, Voltaire, Rousseau, Flaubert, Zola, Alain-Fournier, Camus and Robbe-Grillet.
(ii) Poetry of the 19th century, with special study of Hugo and Baudelaire.
(iii) Spoken and written practice in the use of contemporary French.

PRESCRIBED BOOKS

(i) Prévost, Manon Lescaut (Livre de poche)
Voltaire, Lettres philosophiques (ed. Taylor) (Blackwell’s French Texts)
Rousseau, Les Rêveries du Promeneur solitaire (Minard/Droz)
Flaubert, Madame Bovary (Livre de poche classique)
Zola, Germinal (Garnier-Flammarion)
Alain-Fournier, Le Grand Meaulnes (Livre de poche)
Camus, L’Exil et le Royaume (Livre de poche)
Robbe-Grillet, Les Gommes (Prentice-Hall)
Robbe-Grillet, Le Voyeur (éd. de Minuit)
Robbe-Grillet, Pour un nouveau roman (Gallimard, coll. “Idées”)
(ii) Hugo, Les Contemplations (Livre de poche classique relié)
Baudelaire, Les Fleurs du Mal (Livre de poche)
(iii) Mansion, A Grammar of Present-Day French, with exercises (Harrap)

FRENCH II B (4 hours a week of lectures and tutorials, plus regular assignments. This subject involves more written work than does the corresponding “A” subject.)

(i) Prose writing of the 18th, 19th and 20th centuries, with special study of Diderot, Sade, Laclos, Chateaubriand, Constant, Balzac, Stendhal, Malraux and Camus.
(ii) Poetry of the 19th century, with special study of Mallarmé.
(iii) Poetry of the 20th century, with special study of Valéry.
PREScribed BOOKS

(i) Diderot, La Religieuse (Garnier)
Marquis de Sade, Les Infortunes de la vertu (U.G.E., coll “10/18”)
LaClos, Les Liaisons dangereuses ( Livre de poche)
Chateaubriand, Atala/René (Garnier-Flammarion)
Constant, Adolphe (Livre de poche)
Balzac, Eugénie Grandet (Garnier-Flammarion)
Stendhal, Le Rouge et le Noir (Livre de poche)
Stendhal, De l’Amour (Livre de poche)
Malraux, La Condition humaine (University of London Press)
Camus, La Chute (Livre de poche)

Mallarmé Poésies (Gallimard)

(iii) Hartley (ed.), The Penguin Book of French Verse, 4: The Twentieth Century
Valéry, Poésies (Gallimard)

FRENCH IIIA
As for French IIA, with the addition of:
Proust, Un amour de Swann (Livre de poche)

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
6 hours per week (2 hours lectures, 1 hour tutorial, 3 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

Cultural Geography
Spencer and Thomas (Wiley 1969)
Maps and Diagrams
Monkhouse and Wilkinson (2nd ed. Methuen 1966)
The University Atlas
Fullard and Darby (George Philip and Sons)

GEOGRAPHY II A
Six hours per week (4 hours of lectures and two hour of practical/tutorial work). The subject involves eight days’ field work.
This is a course in 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 the implications for intra and inter-urban spatial form. The Course is a prerequisite for the Urban Environments option in Geography III.
PRESCRIBED BOOKS

Geography and Economics
Chisholm (Bell 1966)
Socio-Economic Models in Geography
Chorley and Haggett (Eds.) (Methuen University Paperback 1967)
A Primer on Economic Geography
McNee (Random House Paperback 1971)
The Spatial Organization of Society
Morrill (Wadsworth 1970)
Readings in Economic Geography
Smith, Taaffe and King (Rand McNally 1968)
An Introduction to Quantitative Analysis in Economic Geography
Yeates, (McGraw-Hill 1968)
Urbanisation in Developing Countries
Breese (Prentice Hall 1966)
An Approach to Urban Sociology
Mann (Routledge and Kegan Paul 1965)

GEOGRAPHY IIA

Five hours per week (3 hours lectures and 2 hours practical work and seminars. Eight days field work are an integral part of the subject.
A study of the history and philosophy of Geography and two of the following electives:

(a) Advanced Economic Geography
A course of 60 hours and related fieldwork which assumes Geography IIA as a prerequisite. The lectures will fall into four major sections:
i) an introductory conceptual section which develops the manufacturing component studied in Geography IIA;
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) Urban Environments
A course of 60 hours and related fieldwork which reviews selected elements of urban environments, emphasising Anglo-American systems. Students are required to develop an independent study which may be field-based or theoretical. Statistical and other methods of analysing urban data are an important component of the course. The Human Geography Course in IIA is a prerequisite. Students with a statistical background will have some advantage in handling the literature.

(c) Fluvial Geomorphology
This course of 60 hours and related fieldwork 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 course.

PRESCRIBED BOOKS

Atmosphere Weather and Climate
Barry and Chorley (Methuen University Paperback 1968)
Principles of Geomorphology
Thornbury, 2nd Ed. (Wiley 1969)
Principles of Physical Geology
Holmes, 2nd Ed. (Nelsons Paperback 1965)
Streams
Morisawa (McGraw Hill 1968)
OR
Fluvial Processes in Geomorphology
Leopold et al (Freeman 1964)
Coasts
Bird (A.N.U. Press 1968)
The Living Soil
Corbett (Martindale Press 1969)
The Face of the Earth
Dury (Penguin 1959)
(d) Political Geography
A course of 60 hours which involves the study of politics as a geographical influence, the geographical characteristics of political areas, the internal problems of organisation in political areas, and the external relationships between political areas. The state is taken as the primary unit of study but attention may also be given to smaller unit areas.

(e) Historical Geographical
A course of 60 hours which 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 course includes a section on aspects of the historical geography of Australia.

PRESCRIBED BOOKS

Perspective on the Nature of Geography Hartshorne (Rand McNally 1959)

Electives

(a) Advanced Economic Geography
Location Theory Beckmann (Random House 1968)
Locational Analysis in Human Geography Haggett (Arnold 1965)
Regional Economics Nourse (McGraw Hill 1968)
Elements of Regional Economics Richardson (Penguin Education 1969)
Industrial Location Smith (Wiley 1971)

(b) Urban Environments
Geographical Perspectives on Urban Systems Berry and Horton (Prentice Hall 1970)
Quantitative Geography Cole and King (Wiley 1968)

(c) Fluvial Geomorphology
Fluvial Processes in Geomorphology Leopold et al (Freeman 1964)
Rivers and River Terraces Ed. G. H. Dury (Papermac 1970)
Streams, their dynamics and morphology Morisawa (McGraw Hill 1968)
Slopes and slope processes Selby (N.Z. Geog. Soc. 1970)

(d) Political Geography
The Structure of Political Geography Kasperon and Minghi (Aldine 1969)
The Nature of Politics Miller J. D. B. (Penguin)

GEOGRAPHY IIIB

Five hours per week (3 hours lectures, and 2 hours practical work and seminars). Eight days fieldwork are an integral part of the course. The study of man-land relationships in the Australian region and two of the electives listed above not studied in Geography IIIA.

GEOGRAPHY IV (Honours)

This course is designed in part as an introduction to research work in Geography. During the course each student is required to submit a thesis embodying the result of an original investigation on a subject 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.

PRESCRIBED BOOKS

Man's Role in changing the Face of the Earth Thomas, William L. (Ed.) University of Chicago Press, 1956)

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 for students not yet qualified for entry to GERMAN 1

Three patterns of study are offered. Pattern A Classes will be held before 5 p.m.; Pattern B and C after 5 p.m.

GERMAN (Introductory) and GERMAN 1

(Pattern A; 8 hours per week including language laboratory and progressive testing)

This pattern is designed for students of proven linguistic ability wishing to pursue their study of the subject further in as short a time as possible.

Credit: 2 Units (See regulations on Introductory Subjects page 72).

Term 1

<table>
<thead>
<tr>
<th>Hours per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Introduction to Literary Criticism (together with German I) 1</td>
</tr>
<tr>
<td>2) Language Laboratory (exercises keyed to course) 1</td>
</tr>
<tr>
<td>3) Weekly progress test (also used for revision) 1</td>
</tr>
<tr>
<td>4) Elementary Course work 5</td>
</tr>
</tbody>
</table>

Term 2

1) Introduction to Literary Criticism (from Week 5: Problems in Literary Criticism together with GI) 1
2) Language Laboratory 1
3) Advanced course work, revision, translation 2
4) Detailed study of simpler literary texts 4

Term 3

1) Remains as for Term 2 1
2) Remains as for Terms 1 & 2 1
3) Detailed study of more difficult literary texts a) alone 3
   b) with GI 2
4) Translation (together with GI) 1

Examination: Same as GERMAN 1 with separate grading for performance in GERMAN (Introductory)

GERMAN (Introductory)

(Pattern B; 5 hours per week plus progressive testing)

This pattern is designed for students who will study the language with emphasis on literature and linguistics because of its general value as a useful element of an Arts Degree or because it supplements study in another language.

Credit: 1 Unit.

Terms 1 & 2

<table>
<thead>
<tr>
<th>Hours per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Language Laboratory (exercises keyed to course) 1</td>
</tr>
<tr>
<td>2) Fortnightly tests 1</td>
</tr>
<tr>
<td>3) Elementary Course work 4</td>
</tr>
</tbody>
</table>

Term 3

1) Text study 4
2) Language Laboratory 1

Examination: two 3-hour papers at end of year.

GERMAN (Introductory)

(Pattern C; 5 hours per week plus progressive testing)

This pattern is designed for students wishing to take the Introductory Course only, and intending to apply skills acquired in some other field of study.

Credit: 1 Unit.
Terms 1 and 2

Follows Course B with special Text study

Term 3

1) Language Laboratory
2) Texts together with Pattern B
3) Continue special text full time
4) Special study projects

Examination: two 3-hour papers at end of year.

GERMAN I

(5 hours per week including language laboratory work)

This course is intended for students with a pass in German at the Higher School Certificate or the equivalent.

Language (Grammar, Oral practice, Translation) 2
Analysis of selected Modern German Texts 2
Introduction to Literary Criticism 1

Examination

Language

1) 3-hr Language Paper 2) Oral test.

Literature

3) 3-hr Texts Paper 4) 2-hr Theory of Criticism Paper

GERMAN II

Two courses are offered. GERMAN II A is intended for students who have successfully completed GERMAN I. GERMAN II B is intended for those wishing to concentrate on German studies. It may be taken in conjunction with or subsequently to GERMAN II A and will count as a full course.

Courses common to both II A and II B:

a) Language Laboratory and other Oral Practice (one hour per week)

b) Seminar: Criteria of relevance in interpreting individual texts (two hours per fortnight in Terms 2 and 3)

GERMAN II A

a) Language:
Various language exercises, including short essays in German, to be submitted weekly for assessment and discussion (one hour per week).

b) Literature:
All classes in literature will be given on a fortnightly basis. They are not intended as exhaustive surveys but should rather serve as a stimulus to discussion and the writing of essays on the topics treated. Each class involves active participation and may require written assignments. Students are advised to begin reading during the long vacation.

Topics:

1. “The New Critics”:
An examination of the methods of structural analysis.

2. Genre Criticism :

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 of Brecht within the context of his complete oeuvre.

5. Middle High German Language and Literature :
An introduction to an older form of German and some of its literary texts.

6. Genre Criticism:
Comedy. The theory of literary kinds as a framework for studying German comedy.
None of these topics is treated throughout the whole year. The following scheme shows their disposition in the year's programme:

<table>
<thead>
<tr>
<th></th>
<th>Term 1</th>
<th></th>
<th>Term 2</th>
<th></th>
<th>Term 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week A</td>
<td>Week B</td>
<td>Week A</td>
<td>Week B</td>
<td>Week A</td>
</tr>
<tr>
<td>1st hour</td>
<td>1</td>
<td>5</td>
<td>2</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>2nd hour</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>Sem.</td>
<td>4</td>
</tr>
<tr>
<td>3rd hour</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>Sem.</td>
<td>x</td>
</tr>
</tbody>
</table>

It will be seen from the above that students will spend 4 hours per week in Term 1 and 4/5 hours per week in Terms 2 and 3 in the classroom. It is assumed that individual students will spend some time discussing assignments they are required to write with members of staff concerned, with a view to planning the folder of essays to be submitted for the examination. Students are expected to read ahead of classes as far as possible, particularly for those topics which begin later in the year or are suspended for a term. An emphasis is placed on individual effort.

**Examination:**

1. A folder of language work.
3. A folder of 4-8 essays, at least one for each member of staff concerned; length 2,500-5,000 words each, to be handed in for assessment by the Department at the beginning of the University Examining Period.

*N.B.* The essays chosen for submission may be selected from those set as assignments during the year and may include revisions or expansions, or entirely new work on any of the topics studied may be submitted, providing that the permission of the member of staff concerned has been previously granted.

4. Viva on this folder, conducted by the Department immediately after the conclusion of the University Examining Period.

**GERMAN IIB**

a) **Language:** Assignments to be submitted for weekly assessment and discussion (1 hour per week).

b) **Literature:** Most classes in Literature will be given on a fortnightly basis. They are not intended as exhaustive surveys but rather as a stimulus for discussion and the writing of essays on the topics treated. Each class involves active participation and may require written assignments.

**Topics:**

1. **Oeuvre Criticism:**
   Goethe. The study of a number of works by Goethe 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.

3. **Stylistic Frameworks:**
   Humour, Wit, Satire, Irony and related terms used to classify literary "tone."

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.

5. **Criteria of Relevance in interpreting individual texts:**
   As explained above, this topic will be studied together with GERMAN IIA, but students enrolled for IIB are expected to pursue their studies more intensively than those taking IIA only.
The following scheme shows the disposition of these topics throughout the year's programme:

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week A</td>
<td>Week B</td>
<td>Week A</td>
</tr>
<tr>
<td>1st hour</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2nd hour</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>3rd hour</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

It will be seen from the above that students will spend 2-3 hours per week in formal class work on literature and 1 hour per week discussing German essays with a tutor.

A student taking the A+B courses concurrently will spend 5-6 hours in formal class work; a student taking the B course only will spend 5-4 hours in formal class work. It is assumed that individual students will spend some time discussing the assignments they are required to write with members of staff concerned, with a view to planning the folder of essays to be submitted for the examination.

**Examination:**

1. Folder of language work.
3. Folder of 4-8 essays as for German IIA.
4. Viva on this Folder as for German IIA.

**GERMAN III**

Two courses are offered. **GERMAN III A** is intended for students who have successfully completed **GERMAN II A**. **GERMAN III B** is intended for those wishing to concentrate on German studies. It may be taken in conjunction with or subsequently to **GERMAN III A** and will count as a full course.

Courses Common to both **GERMAN III A** and III B

a) Oral Practice (one hour per week)

b) Seminar: Criteria of Relevance in interpreting individual texts (2 hours per fortnight).

**GERMAN III A**

a) **Language:** Translation (German/English, English/German), German Essay-writing and other Language exercises (one hour per week).

b) **Literature:** Classes will mostly be given on a fortnightly basis, allowing 4-2 hours for each session. They will consist of lectures and seminars according to the topic being treated and the stage of the investigations reached. Further details will be supplied when classes meet. Each class involves active participation and may require written assignments.

**Topics:**

1. Period Criticism:
   - Problems of Reference in the interpretation of Middle High German Literature. (Week A).

2. Seminar:
   - Criteria of relevance in interpreting individual texts. (Week B).

3. Genre Criticism:
   - Drama. An examination of the theories and dramatic practice of dramatists of the 19th and 20th centuries. (Week A).

4. Genre Criticism:
   - The Bildungsroman. An examination of the usefulness of this label as customarily used in classification. (Week B).

It will be seen from the above that students will spend 5-6 hours per week in the classroom. Individual consultation with members of staff as outlined for **GERMAN II** courses is essential.

**Examination:**

- As for **GERMAN III A**.
a) **Language:** Stylistics and other language exercises.

b) **Literature:** Classes will be concentrated in Terms 1 and 2 and replaced by individual tutorials in Term 3.

Each class involves active participation and may require written assignments.

**Topics:**

1. **Oeuvre Criticism:**
   Schiller. The study of recurrent themes in some of Schiller's major works. (Terms 1 + 2).

2. **Period Criticism:**
   The concept of Literary History as a device for the study of literature. (Term 1).

3. **Conceptual Frameworks:**
   The relevance of Existentialism to the exegesis of Rilke's poetry. (Terms 1 + 2).

4. **Conceptual Frameworks:**
   Psychoanalytic and Marxist approaches to the study of Büchner. (Term 2).

5. **Genre Criticism:**
   The Novellen of Heinrich von Kleist. (Term 2).

6. **Criteria of Relevance in interpreting individual texts:**
   As described above, this topic will be taken together with GERMAN IIIA, but students enrolled for IIIB are expected to devote more time to the subjects of study.

**Examination:**

As for GERMAN IIIB.

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**GERMAN IV**

This course is intended for students who have shown high performance in the subjects studied, which will normally include at least three units of German.

**Stylistic analysis.**

Seminars on Modern and Mediaeval Literature (terms 1 & 2)

Research techniques (term 3).

One topic for extensive individual research.

**Examination:**

1. Folder of language work.

2. Folder of three essays, each one for a different member of staff; length, 2,500-5,000 words each.

   *N.B.* The essays chosen for submission may be *selected* from those set as assignments during the year and may include revisions and expansions;—or entirely new work may be submitted.

3. One extended essay of not less than 6,000 words on the topic chosen for individual research.

4. Viva on year's work and extended essay.
GERMAN BOOK LIST 1972

(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 (useful for all years but not all used in classes):

Farrell, R. B. et al.: German-Speaking Countries Today and Yesterday, Novak, Sydney, 1966
Adams, M. (ed.): The German Tradition; J. Wiley, Sydney, 1971

INTRODUCTORY GERMAN:

TEXTS FOR ALL THREE PATTERNS:
Wadepuhl, W. & Morgan, Qu.: Minimum Standard German Vocabulary, New York, 1962

TEXTS FOR A & B ONLY:

TEXTS FOR C ONLY:

Other texts for C will be prescribed during the year.

GERMAN I

1. Language:  

2. Introduction to Literary Criticism:

3. Analysis of Texts:
Term 1:  
* Goethe, J. W.: Die Leiden des jungen Werthers, Reclam Nr. 67-67a

Term 2:
Stifter, A.: Abdias, Reclam, Nr. 3913.
Grillparzer, F.: Das Kloster bei Sendomir, Reclam, Nr. 8761

Term 3:
Dürrenmatt, F.: Der Besuch der alten Dame, Methuen, London, 1961

GERMAN II

Texts Common to both IIA & IIB
Seminar:
Goethe, J. W. von: Faust (ed. Trunz), Wegner, Hamburg, 1963 (only Part 1 to be read)
Frisch, M: Homo Faber, Suhrkamp, Frankfurt, 1963
GERMAN IIA

(Serial numbers refer to the topics as set out in the description of courses)

2. Genre Criticism: The Modern Novel:
   Johnson, U.: Mutmaßungen über Jakob, Fischerbücherei Nr. 457
3. Symbol, Metaphor & Allegory:
   * Novalis:
     Hymnen an die Nacht, Heinrich von Offterdingen, Goldmann, München, Nr. 778/780
   * Kafka, F.:
     Das Schloß, Fischer Bücherei, Nr. 900, Frankfurt, 1968
4. Oeuvre Criticism:
   Brecht, B.:
     Ausgewählte Gedichte, Edition Suhrkamp, Nr. 86
     Baal, Edition Suhrkamp, Nr. 170
     Mann ist Mann, Edition Suhrkamp, Nr. 259.
     Die Dreigroschenoper, Edition Suhrkamp, Nr. 229
     Die heilige Johanna der Schlachthöfe, Edition Suhrkamp, Nr. 113
     Der gute Mensch von Sezuan, Edition Suhrkamp, Nr. 73
     Das Leben des Galilei, Edition Suhrkamp Nr. 1
5. Middle High German Language & Literature:
   Asher, J.:
     A Short Descriptive Grammar of Middle High German, O.U.P., Auckland, 1967
   Sacker, H.:
     An Introductory Middle High German Text, Harrap, London, 1964.
6. Genre Criticism: Comedy:
   * Lessing, G. E.:
   * Kleist, H. von:
     Ausgewählte Dramen, Goldmann Nr. 400, München, o.J.
   Hauptmann, G.:
     Der Biberpelz, Ullstein Bücher, Nr. 4975
     Hofmannsthall, H. von: Der Schwierige, Fischer Bücherei, Nr. 233.

GERMAN IIB

1. Oeuvre Criticism:
   Goethe, J. W. von:
     Novellen, Goldmann, Nr. 860, München, o.J.
     Epen, Goldmann, Nr. 880, München, o.J.
     Die Wahlverwandtschaften, Goldmann, Nr. 394, München, 1961
     Torquato Tasso, Reclam Verlag, Nr. 88
     Faust, Hgg. Erich Trunz, Ch. Wegner Verlag, Hamburg, 1963
   (same text as for the Seminar, study concentrates on Part II)
2. Oeuvre Criticism:
   * Mann, Thomas:
     Tod in Venedig, Fischer Bücherei, Nr. 801, 802 (2 Vols.) Frankfurt, 1967
3. Wit, Satire and Irony:
   * Heine, H.:
     Deutschland ein Wintermärchen, Atta Troll, Goldmann, Nr. 444, München
     Spukgeschichten und Märchen, Goldmann, Nr. 553, München, o.J.
     Jean Paul:
     Des Feldpredigers Schmetzle Reise nach Flätz, ed. J. W. Smeed, O.U.P.
     Tieck, L.:
     Der gestiefelte Kater, Reclam, Nr. 8916, Stuttgart.
     Wieland, C. M.:
     Geschichte der Aberiten, Reclam, Nr. 331-334, Stuttgart
     Musarion oder die Philosophie der Grazilen, Reclam, Nr. 95, Stuttgart.
4. Contemporary Drama:
   Frisch, M.:
     Andorra, Methuen, London, 1964
     Die Physiker, Arche Verlag
     Die Verspätung, Edition Suhrkamp, Nr. 13
   Hochhuth, R.:
     Der Stellvertreter, Rowohlt, Hamburg, 1963
     In der Sache J. Robert Oppenheimer, Edition Suhrkamp, Nr. 64
     Die Verfolgung und Ermordung J. P. Marats, Edition Suhrkamp, Nr. 68
GERMAN III

Texts common to German IIIA & IIIB

Seminar:
- *Iphigenie auf Tauris*, Goldman, Nr. 568, München, o. J.
- Kleist, H. von: *Ausgewählte Dramen*, Goldman Nr. 400, München, o. J.

GERMAN IIIA

de Boor, H. (ed.): *Das Nibelungenlied*, Brockhaus, Wiesbaden, 1965
Hartmann von Aue: *Gregorius*, Altdeutsche Textbibliothek, Nr. 2

2. Genre Criticism: Post-Classic Drama:
- Grillparzer, F.: *Die Ahnfrau*, Reclam Verlag, Nr. 4377
- Kleist, H.: *Penthesilea*, Reclam Verlag, Nr. 1305
- Büchner, L.: *Woyzeck*, Reclam Verlag Nr. 7733
- Grillparzer, F.: *Ein Bruderzwist in Habsburg*, Reclam Verlag, Nr. 4393
- Hebbel, F.: *Gyges und sein Ring*, Reclam Verlag, Nr. 3199
- Hauptmann, G.: *Vor Sonnenaufgang*, O.U.P., (Clarendon German Series), 1964
- Brecht, B.: *Der Kaukasische Kreidekreis*, Edition Suhrkamp, Nr. 31
- Denkler, H. (ed.): *Einakter und kleine Dramen des Expressionismus*, Hg. von Horst Denkler, Reclam Verlag, Nr. 8562-64
- Schnitzler, A.: *Der grüne Kakadu*, Reclam Verlag, Nr. 8399, 8400
- Dürenmatt, F.: *Der Meteor*, Verlag Arche, Zürich, 1966
- Frisch, M.: *Graf Oederland*, Edition Suhrkamp, Nr. 32

3. Genre Criticism, Bildungsroman:
- Stifter, A.: *Der Nachsommer*, Goldmann, München; 1964
- Keller, G.: *Der grüne Heinrich*, Goldmann, München, Nr. 778/780

GERMAN IIIB

1. Oeuvre Criticism:
- *Don Carlos*, Reclam, Stuttgart, 1965
- *Schriften zur Philosophie und Kunst*, Goldmann, München, 1964

2. Literary History:

3. Conceptual Frameworks: Existentialism

4. Conceptual Frameworks: Psycho-Analysis & Marxism:
- Büchner, Georg: *Werke und Briefe*, DTV Gesamtausgabe, Nr. 70, München, 1965

5. Genre Criticism: Die Novelle:
- Kleist, H. von: *Sämtliche Novellen*, Goldmann, Nr. 386, München o.J.
GERMAN IV

Seminars:


2. Hofmannsthal, H. von: Gedichte, Insel-Bücherei, Nr. 461
   Jedermann, Nelson, 1957
   Kleine Dramen, Insel-Bücherei, Nr. 750
   Das Salzburger große Welttheater, Insel-Bücherei, Nr. 605
   Der Schwierige, Fischer Bücherei, Bd. 233
   Selected Essays, ed. M. E. Gilbert, Blackwell, 1955
   Der Turm, Fischer Schulausgaben, Texte moderner Autoren

3. Schiller, F. von:
   Schriften zur Philosophie und Kunst, Goldmann, München, 1964

4. Hartmann von Aue:
   Iwein (ed. Benecke), de Gruyter, Berlin, 1966
   * Wolfram von Eschenbach:
     Parzival

5. Baroque tradition in the theatre:
   Bidermann, Jakob:
   Gryphius, Andreas:
   Schikaneder, Emanuel:
   Raimund, Ferdinand:
   Nestroy, Johann:
   Cenodoxus
   Carolus Stuardus
   Die Zauberföte
   Der Alpenkönig und der Menschenfeind
   Der Tod am Hochzeitsag
   Lumpacivagabundus

Research Techniques:

Bangen, G.:
Raahe, P.:

Die schriftliche Form germanistischer Arbeiten, Sammlung Metzler, 1962
Einführung in die Bücherkunde zur deutschen Literaturwissenschaft, Sammlung Metzler, 1961
Quellenkunde zur neueren deutschen Literaturgeschichte, Sammlung Metzler, 1962
(All three published by J. B. Metzlersche Verlag, Stuttgart)

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 alternative years only. History IIB and History IIIA are not available in the evening in 1972.

HISTORY 1 — The History of Western Civilization

(Three hours per week, plus a weekly tutorial, compulsory for full-time students, voluntary for part-time students)

A survey course, designed to give students some knowledge of the main issues involved in the development of modern society, and to introduce them to some of the problems and techniques of historical interpretation with which they will be concerned in later courses. The course will be presented in three units: “The Problem of Political Organisation”; “The Dominant Intellectual, Cultural and Religious Themes”; and “The Problem of Livelihood.” Each unit will be treated as a separate whole, and will occupy roughly one term; each will cover the whole period from the Ancient World to the present day, although no attempt will be made to present a chronological narrative. The emphasis throughout will be upon significant issues, movements and ideas rather than upon mere dates and events.

RECOMMENDED TEXTS

Easton, S. C.

A Brief History of the Western World
(Barnes & Noble paperback 1962)

EITHER

Tierney, Kagan and Williams

Great Issues in Western Civilisation
2 Vols. (Random House 1967 paperback)

OR

Setton, K. M. & Winkler, H. R.

Great Problems in European Civilisation
(Prentice-Hall U.S.A. 1966)

A more extensive and specific list of books will be issued to all students at the beginning of the course.
HISTORY IIA — British History
(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, but due attention is paid to economic and social affairs and to those matters which were of particular importance at particular times, for example religious issues in the first half of the period and problems arising from the Industrial Revolution in the second.

An additional seminar will be available to Honour students. A weekly tutorial will be also be offered to Pass students.

RECOMMENDED TEXTS
Keir, D. L.
Cantor, N. F. & Werthman, M. S.
Lockyer, R.
Bindoff, S. T.
Neale, J. E.
Elton, G. R.
Lockyer, R.
Aylmer, G. E.
Tanner, J. R.
Kenyon, J. P.
Hill, C.
Plumb, J. H.
Jarrett, D.
Ashton, T. S.
Sachse, W. L.
Harrison, J. F. C.
Thomson, D.
Webb, R. K.
Young, G. M.

Constitutional History of Modern Britain
The English Tradition, Vols. I & II
Henry VII
Tudor England
Elizabeth and Her Parliaments (Jonathan Cape Paperback)
England under the Tudors
Tudor and Stuart Britain
A Short History of Seventeenth Century England 1603-89 (Mentor)
English Constitutional Conflicts of the Seventeenth Century (Cambridge Paperback)
The Stuart Constitution (Cambridge Paperback 1966)
The Century of Revolution
England in the Eighteenth Century
Britain 1688-1815 (Longmans)
The Industrial Revolution
English History in the Making, Vol. II Readings from the sources since 1689 (Ginn-Blaisdell, a Xerox company U.S.A. 1970)
Society and Politics in England 1780-1960
England in the Nineteenth Century
Modern England
Victorian England, Portrait of an Age

HISTORY IIB — Pacific History
(Three hours per week — not available in the evening in 1972)

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 Australia from its foundation, with deeper treatment of particular events. The American section will survey the United States comprehensively from the first settlements until recent times, concentrating on the nineteenth century.

An additional seminar will be available to Honour students. A weekly tutorial will also be offered to Pass students.

RECOMMENDED TEXTS
Shaw, A. G. L.
Greenwood, G. (ed.)
Jupp, J.
Yarwood, A. T.
Watt, Sir A.
Clark, C. M. H.
Hancock, W. K.
Hofstadter, Miller & Aaron
OR
Graener, Fite and White
Ver Steeg C. L. & Hofstadter, R. (eds.)
Hofstadter, R.
Miller, J. C.
Fredman, L. E.
The Story of Australia
Australia: a Social and Political History
Australian Party Politics
Asian Migration to Australia
The Development of Australian Foreign Policy
Selected Documents in Australian History (2 vols.)
Australia
The United States, the History of the Republic (1970 Ed.)
A History of the American People
Great Issues in American History (3 vols.) (Vintage paperback)
The American Political Tradition (Vintage paperback)
The Origins of the American Revolution (Stanford paperback)
Frontier and Section (Spectrum paperback)
The United States Enters the Pacific (Angus & Robertson paperback)
HISTORY IIIA — Asian History

(Four hours per week — not available in the evening in 1972)

This course covers the history of the three major Eastern civilisations of India, China and Japan, the development of each of these cultures 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 this course deals with the development of the Hindu region, the rise of caste and the culture conflict with Islam under the Mughal Empire. In the modern period it emphasizes the independence movement and post-independence politics in both India and Pakistan.

An additional seminar will be available to Honours students and others who wish to attend.

RECOMMENDED TEXTS

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>de Bary, Chan and Watson, eds.</td>
<td>Sources of Chinese Tradition</td>
</tr>
<tr>
<td>Tsunoda, de Bary and Keene, eds.</td>
<td>Sources of Japanese Tradition</td>
</tr>
<tr>
<td>Reischauer, E. O. &amp; Fairbank, J. K.</td>
<td>East Asia: The Great Tradition</td>
</tr>
<tr>
<td>Beckmann, G. M.</td>
<td>East Asia: The Modern Transformation</td>
</tr>
<tr>
<td>Schurmann F. &amp; Schell, O.</td>
<td>The Modernization of China &amp; Japan</td>
</tr>
<tr>
<td>Spear, P.</td>
<td>China Readings: 3 vols. (Pelican Books)</td>
</tr>
<tr>
<td>Majumdar, Raychaudhuri and Datta</td>
<td>India (Michigan)</td>
</tr>
<tr>
<td>Thapar, R. and Spear, P.</td>
<td>Advanced History of India (Macmillan Student Edition)</td>
</tr>
<tr>
<td>Pandey, B. N.</td>
<td>Pelican of History of India (2 vols.)</td>
</tr>
<tr>
<td>Payne, R.</td>
<td>The Break-up of British India (Macmillan Student Edition)</td>
</tr>
<tr>
<td>Brecher, M.</td>
<td>Gandhi</td>
</tr>
<tr>
<td>Rudolph, S. H. &amp; L. I.</td>
<td>Nehru</td>
</tr>
</tbody>
</table>

HISTORY IIIB — European History 1789-1960

(Four hours per week)

A study of modern European History from the French Revolution to the aftermath of the Second World War. The course will deal with the Enlightenment of the eighteenth century, the French Revolution, the unification of Germany and Italy, Imperialism, the Russian Revolution, Fascism and the inter-war Fascist regimes, the Depression, and Great Power diplomacy and peace keeping efforts in the twentieth century.

The French Revolution, Imperialism and the Russian Revolution will be treated in depth.

An additional seminar will be available for Honours students.

RECOMMENDED TEXTS

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ogg, D.</td>
<td>Europe of the Ancien Regime (Fontana paperback)</td>
</tr>
<tr>
<td>Behrens, C. B. A.</td>
<td>The Ancien Regime</td>
</tr>
<tr>
<td>Cobban, A.</td>
<td>History of Modern France (3 vols.) (Penguin)</td>
</tr>
<tr>
<td>Hampson, N.</td>
<td>A Social History of the French Revolution (Routledge paperback)</td>
</tr>
<tr>
<td>Cobban, A.</td>
<td>The Social Interpretation of the French Revolution</td>
</tr>
<tr>
<td>Rudé, G.</td>
<td>Robespierre (Spectrum paperback)</td>
</tr>
<tr>
<td>Droz, J.</td>
<td>Europe between Revolutions, 1815-1848 (Fontana Paperback)</td>
</tr>
<tr>
<td>Weber, E.</td>
<td>Varieties of Fascism (Anvil paperback)</td>
</tr>
<tr>
<td>Wolfe, S. J.</td>
<td>European Fascism</td>
</tr>
<tr>
<td>Curtiss, J. S.</td>
<td>The Russian Revolutions of 1917</td>
</tr>
<tr>
<td>Adams, A. E.</td>
<td>The Russian Revolution and Bolshevik Victory: Why and How? (Problems in European Civilisation)</td>
</tr>
<tr>
<td>Daniels, R. V.</td>
<td>The Stalin Revolution: Fulfilment or Betrayal of Communism?</td>
</tr>
<tr>
<td>Bullock, A.</td>
<td>Hitler (Pelican)</td>
</tr>
<tr>
<td>Schapiro, J. S.</td>
<td>Liberalism and the Challenge of Fascism</td>
</tr>
<tr>
<td>Urwin, D. W.</td>
<td>Western Europe since 1945 (Longmans)</td>
</tr>
<tr>
<td>Snyder, L. L. (ed.)</td>
<td>Fifty Major Documents of the 19th Century (Anvil paperback)</td>
</tr>
<tr>
<td></td>
<td>Fifty Major Documents of the 20th Century (Anvil paperback)</td>
</tr>
</tbody>
</table>

Craig, G. A.

Palmer, R. R. & Colton, J.

OR

Europe since 1815

A History of the Modern World since 1815 (Knopf paperback)

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 changed every two years. 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 out 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 1972, History IV will consist of the following formal courses:

Historiography

Studies in Australian History

History of Political Thought

War in History

2 hours per week for two terms

2 hours per week for two terms

2 hours per week for three terms

2 hours per week for two terms

THE HISTORY OF POLITICAL THOUGHT

This course consists of lectures and seminars and requires intensive study of the original sources as well as of secondary commentaries.

PRESCRIBED TEXTS

Sabine, G. H.

McIlwain, C. H.

d’Entreves, A. P.

Plato

Aristotle

St. Augustine

Dante

St. Thomas Aquinas

Machiavelli

Hobbes

Locke

Rousseau

Karl Marx

Marx and Engels

A History of Political Theory

The Growth of Political Thought in the West

The Medieval Contribution to Political Thought

The Republic

Politics

The City of God (selected passages)

De Monarchia

Summa Theologica (selected passages)

The Prince

The Discourses

Leviathan

Of Civil Government

Social Contract

Capital

The Communist Manifesto

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.)

Clark, C. M. H.

Sawer, G.

Paton, G. W. (Ed.)

Abbott, G. J. & Nairn, N. B. (Eds.)

Australia, A Social and Political History

A History of Australia

Early Constitutional Development in Australia

Australian Federal Politics and Law

The Commonwealth of Australia: the Development of its Laws & Constitution

Lachlan Macquarie, His Life, Adventures and Times

John Macarthur

Economic Growth of Australia

1788-1821
WAR IN HISTORY

A study of the impact of war on society, with special reference to the twentieth century. The course will deal with such topics as theories of war; the interaction of war and politics; techniques and the results of war, both positive and negative — i.e. stimulation to change as well as suffering and destruction; and attempts to control or prevent war, from the medieval idea of the "Just War" to twentieth century attempts at peace-keeping organisations.

RECOMMENDED READING

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>von Clausewitz, Karl</td>
<td>On War</td>
</tr>
<tr>
<td>Howard, J.</td>
<td>The Just War</td>
</tr>
<tr>
<td>Falls, C.</td>
<td>The Art of War</td>
</tr>
<tr>
<td>Campbell, A.</td>
<td>Guerillas</td>
</tr>
<tr>
<td>Waskow, A. I.</td>
<td>The Debate on Thermonuclear Strategy</td>
</tr>
<tr>
<td>Richmond, H.</td>
<td>Statesmen and Sea Power</td>
</tr>
<tr>
<td>Lee, A.</td>
<td>Air Power</td>
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<tr>
<td>Wilmott, C.</td>
<td>The Struggle for Europe</td>
</tr>
<tr>
<td>Clarke, A.</td>
<td>Barbarossa</td>
</tr>
<tr>
<td>Australian Institute of Political Science</td>
<td>Communism in Asia: A Threat to Australia?</td>
</tr>
</tbody>
</table>

LINGUISTICS IIA

A course of four hours per week throughout the year (three lectures and one tutorial). Part B1 of this course is the same in content as the strand of English IIC called "The Structure of Modern English". Credit can be obtained for this work in EITHER English IIC OR Linguistics IIA, but not both. (See statement under English IIC).

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 in 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.
   * (Identical with the Modern English Structure strand of English IIC)

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.

**TEXTS**
- Dinneen, F. P. *An Introduction to General Linguistics* (Holt, Rinehart & Winston)
- Fries, C. C. *The Structure of English* (Longmans)
- Jacobs, Roderick A. & Rosenbaum, Peter S. *Transformations, Style and Meaning* (Xerox College Publishing)
- Trubetzkoy, N. S. *Introduction to the Principles of Phonological Descriptions* (Nijhoff)

**LINGUISTICS IIIA**
A course of four hours per week throughout the year (three lectures and one tutorial). Part B of this course covers the same work as the two strands of English IIIC called "Modern English Syntax" and "Modern English Semantics and Phonology". Credit can be obtained for this work in EITHER English IIIC OR Linguistics IIIA, but not both (See statement under English IIIC).

**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. **Structure 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 II A, 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.

* (Identical with the strands Modern English Syntax and Modern English Semantics and Phonology in English IIIC).

**TEXTS**
- Allen, J. P. B. and Buren, Paul van *Chomsky: Selected Readings* (Oxford University Press)
- Chomsky, N. *Language and Mind* (Harcourt, Brace & World)
- Halliday, M. A. K. *Intonation and Grammar in British English* (Mouton: Janua Linguarum 48)
- Harris, Zellig S. *Structural Linguistics* (University of Chicago Paperback)
- Nida, Eugene A. *A Synopsis of English Syntax* (Mouton)
- Trubetzkoy, N. S. *Introduction to the Principles of Phonological Description* (Nijhoff)
**DEPARTMENT OF MATHEMATICS**

**MATHEMATICS I**
A subject of four lectures and two tutorial hours per week for three terms comprising the following topics. Summaries of these topics will appear in the handbook of the Faculty of Mathematics and will also be available from the Department.

<table>
<thead>
<tr>
<th>Topic</th>
<th>PRESCRIBED TEXTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AN</td>
<td>Real Analysis</td>
</tr>
<tr>
<td>AL</td>
<td>Algebra</td>
</tr>
<tr>
<td>CA</td>
<td>Calculus</td>
</tr>
<tr>
<td>NM</td>
<td>Numerical Mathematics</td>
</tr>
</tbody>
</table>

**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 pre-requisite for entry to each Part II subject given by the Department; in addition some topics will require other topics as a co-requisite or pre-requisite as shown. Summaries of these topics will appear in the handbook of the Faculty of Mathematics and will also be available from the Department.

<table>
<thead>
<tr>
<th>TOPIC</th>
<th>CO-REQUISITE OR PRE-REQUISITE TOPIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Analysis of metric spaces</td>
</tr>
<tr>
<td>B</td>
<td>Complex analysis</td>
</tr>
<tr>
<td>C</td>
<td>Calculus and vector calculus</td>
</tr>
<tr>
<td>D</td>
<td>Linear algebra</td>
</tr>
<tr>
<td>E</td>
<td>Differential equations and integral transforms</td>
</tr>
</tbody>
</table>

**PRESERVED TEXTS**

Topic A—Analysis of Metric Spaces
*Real Analysis* .......... A. J. White
(Addison-Wesley, 1968).

Topic B—Complex Analysis

Topic C—Calculus and Vector Calculus
(Ginn Blaisdell, 1969).

Topic D—Linear Algebra
*Linear Algebra* .......... S. Lipschutz
(Schaum, 1968).

Topic E—Differential Equations and Integral Transforms
*Elementary Differential Equations and Boundary Value Problems* .......... W. E. Boyce & R. C. DiPrima

Topic F—Numerical Analysis and Computing
*Elementary Numerical Analysis* .......... S. D. Conté

*International Computers Limited Algol Programming Manual*
MATHEMATICS IIA

A subject of four lectures and two tutorial hours per week for three terms comprising topics A, B, C and D. In exceptional circumstances and with the consent of the Head of Department one topic from E, F, G or H may be substituted for A. A student who has passed Mathematics IIA prior to 1969 or Mathematics IIB may with the consent of the Head of Department make further substitutions in order to comply with Note 2 below.

MATHEMATICS IIB

A subject of four lectures and two tutorial hours per week for three terms comprising four topics chosen from A to H and approved by the Head of the Department. In exceptional circumstances and with the consent of the Head of Department one or more of the topics I, J, K or L may be included.

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 co-requisite or pre-requisite 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.

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 below a pass in Mathematics IIA and Mathematics IIC is a pre-requisite for entry to Mathematics IIIA. Students taking Mathematics IIB are required to study Mathematics IIIA as a co-requisite. 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 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 co-requisites or pre-requisites as shown.
<table>
<thead>
<tr>
<th>TOPIC</th>
<th>PRE-REQUISITE</th>
<th>CO-REQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M General tensors</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>N Variational methods</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>O Mathematical logic</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>P Differential and integral equations</td>
<td>E</td>
<td>—</td>
</tr>
<tr>
<td>Q Fluid dynamics</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>R Probability and statistics</td>
<td>H</td>
<td>—</td>
</tr>
<tr>
<td>S Geometry</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>T Group theory</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>U Topic in operations research</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>V Measure theory and integration</td>
<td>A</td>
<td>—</td>
</tr>
<tr>
<td>W Analysis of normed linear spaces</td>
<td>A</td>
<td>—</td>
</tr>
<tr>
<td>X Rings and fields</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Y Topic in applied probability e.g. information theory</td>
<td>H</td>
<td>—</td>
</tr>
<tr>
<td>Z Numerical analysis</td>
<td>—</td>
<td>F</td>
</tr>
</tbody>
</table>

**PRESCRIBED TEXTS**

**Topic M—General Tensors**

_**Tensor Calculus**_ J. Abram (Butterworths, 1965).

**Topic N—Variational Methods**


**Topic O—Mathematical Logic**

_**First Order Mathematical Logic**_ A. Margaris (Blaisdell, Mass., 1967).

**Topic P—Differential and Integral Equations**


_**Linear Integral Equations**_ W. V. Lovitt (N.Y., Dover, 1950).

**Topic Q—Fluid Dynamics**


**Topic R—Probability and Statistics**


**Topic S—Geometry**

_**Projective Geometry**_ F. Ayres Jnr. (Schaum, 1967).

**Topic T—Group Theory**


**Topic U—Topic in Operations Research**


**Topic V—Measure Theory and Integration**


**Topic W—Analysis of Normed Linear Spaces**


**Topic X—Rings and Fields**

_**Topics in Algebra**_ I. N. Herstein (Blaisdell, 1965).

**Topic Y—Topic in Applied Probability**


**Topic Z—Numerical Analysis and Computing**

_**International Computers Limited Algol Programming Manual**_.

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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.

MATHEMATICS IIIB
A subject of four lectures and two tutorial hours per week for three terms comprising four topics chosen from the fourteen 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.

TRANSITION ARRANGEMENTS
A student who has passed Pure Mathematics II A, Pure Mathematics II B, Applied Mathematics III A or Applied Mathematics II B may with the permission of the Head of Department be admitted to Mathematics III A.

A student who has passed Pure Mathematics III A or Pure Mathematics III B and one other Part II mathematics subject may with the permission of the Head of Department be admitted to both Mathematics III A and Mathematics III B.

A student who has passed exactly one Part III subject prior to 1970 and wishes to obtain one more mathematics major must satisfy the following conditions.

1. He must have passed two Part II Mathematics subjects.
2. If he has passed Pure Mathematics III A or Pure Mathematics III B, he must study topic O, one of M, N, Q or R, and two other topics which must not include P or T.
3. If he has passed Applied Mathematics III A or Applied Mathematics III B, he must study topic O and three other topics which must not include topics M, N, Q, R, Y or Z.

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 and Computing Science 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 1972 will appear in the handbook of the Faculty of Mathematics and will also be available from the Department.
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

Section 1 and 2 are each examined in a 3 hour paper at the November examination. 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.

PHILOSOPHY II

Two subjects may be taken in Philosophy II: Philosophy IIA and Philosophy IIB. Philosophy IIA consists of Section 1 and any one of the other three Sections. Philosophy IIB, which can be taken only if Philosophy IIA is taken, consists of two other Sections.

Because of the number of options, it is advisable for all students to consult the Department before enrolling.

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.)

SECTION 2: 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

Strawson, P. F.
  Philosophical Logic (O.U.P.)

Strawson, P. F.
  Individuals (O.U.P.)

Parkinson, G. H. R.
  The Theory of Meaning (O.U.P.)

Wittgenstein, L.
  Tractatus Logico—Philosophicus (Routledge)

SECTION 3: SYMBOLIC LOGIC (2 hours weekly)

An introduction to deduction theory and logistic systems, with some considerations of the foundations and metatheory of traditional logic. The course deals in turn with the class, propositional and predicate calculi. Some relevant sections of Whitehead and Russell's Principia Mathematica are considered in detail.

TEXT

Copi, I. M.
  Symbolic Logic (Macmillan)

REFERENCES

Prior, A. N.
  Formal Logic (Oxford)

Quine, W. V. O.
  Methods of Logic (Routledge)

Strawson, P. F.
  Introduction to Logical Theory (University Paperbacks)

Whitehead & Russell
  Principia Mathematica to *56 (Cambridge)

SECTION 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.
SECTION 2: PHILOSOPHY OF MIND (2 hours weekly)

This course will consist of two sections. The first half will be devoted mainly to Hegel's *Phenomenology of Mind*, with some attention to the development of Hegel's thought generally. For this part of the course, it will be essential to possess a copy of the *Phenomenology*. In the second section themes will be taken up in the writings of Brand Blanshard, especially in *The Nature of Thought*.

**TEXTS**

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hegel</td>
<td><em>The Phenomenology of Mind</em> (Allen and Unwin)</td>
</tr>
<tr>
<td>Brand Blanshard</td>
<td><em>The Nature of Thought</em> 2 vols. (Allen and Unwin)</td>
</tr>
</tbody>
</table>

**REFERENCES**

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Findlay, J. N.</td>
<td><em>Hegel: A Re-examination</em> (Allen and Unwin)</td>
</tr>
<tr>
<td>Royce, J.</td>
<td><em>Lectures on Modern Idealism</em> (Yale U.P.)</td>
</tr>
<tr>
<td>Loewenberg, J.</td>
<td><em>Hegel's Phenomenology</em> (Open Court)</td>
</tr>
<tr>
<td>Kojève, A.</td>
<td><em>An Introduction to the Reading of Hegel</em> (Basic Books)</td>
</tr>
<tr>
<td>Blanshard, B.</td>
<td><em>Reason and Analysis</em> (Allen and Unwin)</td>
</tr>
</tbody>
</table>

SECTION 3: PHILOSOPHY OF RELIGION (2 hours weekly)

An introduction to some of the main philosophical problems posed by religious and theological thought. These include grounds for believing in the existence of God, the concept of the miraculous, the nature of belief, and the nature of religious language.

**TEXTS**

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pegis, A. C. (ed.)</td>
<td><em>Introduction to St. Thomas Aquinas</em> (Modern Library)</td>
</tr>
<tr>
<td>Locke, J.</td>
<td><em>The Reasonableness of Christianity</em> (A. &amp; C. Black)</td>
</tr>
<tr>
<td>Wollheim, R. (ed.)</td>
<td><em>Hume on Religion</em> (Fontana)</td>
</tr>
</tbody>
</table>
REFERENCES

Flew and Macintyre (eds.) New Essays in Philosophical Theology (SCM)
Hick, J. & McGill, A. C. (eds.) The Many-Faced Argument (Macmillan)
Kenny, A. The Five Ways (Routledge)
Mitchell, B. (ed.) Faith and Logic (Allen and Unwin)
Mitchell, B. (ed.) The Philosophy of Religion (OUP)
Plantinga, A. (ed.) The Ontological Argument (Doubleday)

SECTION 4: POLITICAL PHILOSOPHY (2 hours weekly)
For description, see Philosophy II.

SECTION 5: SYMBOLIC LOGIC (2 hours weekly)
For description, see Philosophy II.

PHILOSOPHY IV

This subject will consist of:
1. Such written work as the Department prescribes, including an Honours thesis, to be handed in before the beginning of the November examination.
2. Two courses to be selected from the following:
   (i) Philosophy of Mind
   (ii) Philosophy of Religion
   (iii) Symbolic Logic

DEPARTMENT OF PSYCHOLOGY

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 learning theory, motivation, developmental psychology, physiological psychology, comparative psychology, theory of measurement, and descriptive statistics and statistical analysis of data.

TEXT BOOKS

OR
OR
OR

Additional texts may be recommended at the beginning of the course.

PSYCHOLOGY II

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 and comparative psychology, developmental psychology, social psychology, psychological testing and measurement, and statistics.

No specific texts are set but recommendations are made at the beginning of the course.
PSYCHOLOGY IIIA

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 and comparative psychology.

The final assessment of students will consist of two 3-hour papers plus an assessment of practical work carried out during the year.

PSYCHOLOGY IIIB

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 four and one half hours per week and laboratory work to be reported in two minor theses. The final examination consists of two three-hour papers together with an assessment of the theses. The student is expected to cover the fields of personality, abnormal and clinical psychology, social psychology, perception, learning and cognition, developmental psychology and motivation, physiological psychology, and quantitative psychology.

DIPLOMA IN APPLIED PSYCHOLOGY

Parts I and II

The course consists of twelve formal hours per week, comprising lectures and discussions, seminars or workshops, observation sessions in an institution, and supervised practicum in both psychodiagnosis and psychotherapy. Candidates are expected to read systematically in their own time. Further, Part I Candidates are to carry out preliminary study in relation to clinical research methods, while Part II Candidates conduct and report on their individual Research Projects.

The contents of the course work are based on the Curriculum and General Programme issued from year to year, and cover the General Context of Clinical Psychology, Clinical Practice and Clinical Research Methodology progressively over the two years of the course.

Examinations take the form of written papers, essays, or oral questions and answers with discussion. Supervisors' reports, evaluation of seminar and workshop proficiency, and the assessment of the research report are parts of the overall examination system. The final examination at the conclusion of each year consists of two papers, one theoretical and one practical.