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- University of Newcastle Act, 1964
- By-laws
- The Council
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- Officers and Former Officers of the University
- Prizes and Scholarships
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TERM 1  March 3 to May 17
TERM 2  June 9 to August 16
TERM 3  September 8 to November 7

JANUARY
1 Monday  Public Holiday — New Year's Day
15 Wednesday  Deans available to interview "Show Cause" and Provisional Matriculation applicants
17 Friday  Last day for lodgement of Enrolment Applications — New Students
20 Monday  Deferred Examinations commence
27 Monday  Public Holiday — Australia Day

FEBRUARY
1 Saturday  Last day of Deferred Examinations
5 Wednesday  Last day for lodgement of Re-Enrolment Applications — Old Students
12 Wednesday to Friday  New students report for interview
26 Wednesday  Orientation commences
Last day for payment of First Term Fees

MARCH
3 Monday  FIRST TERM commences
21 Friday  Graduation Day

APRIL
4 Friday  Public Holiday — Good Friday
7 Monday  Public Holiday — Easter Monday
8 Tuesday  Easter Tuesday — No lectures
25 Friday  Public Holiday — Anzac Day

MAY
17 Saturday  FIRST TERM ends

PRINCIPAL DATES FOR 1969 (continued)

JUNE
9 Monday  SECOND TERM begins
20 Friday  Last day for payment of Second Term Fees
16 Saturday  SECOND TERM ends

AUGUST
8 Monday  THIRD TERM begins
19 Friday  Last day for payment of Third Term Fees

SEPTEMBER
8 Saturday  Annual Examinations begin
29 Saturday  Annual Examinations end
THIRD TERM ends

OCTOBER
6 Monday  Public Holiday — Six Hour Day
31 Friday  THIRD TERM Lectures end

NOVEMBER
8 Saturday  Annual Examinations begin
29 Saturday  Annual Examinations end
THIRD TERM ends

1970

JANUARY
1 Thursday  Public Holiday—New Year's Day
19 Monday  Proposed closing date for lodgement of Enrolment Applications — New Students
Deferred Examinations begin
26 Monday  Public Holiday — Australia Day
31 Saturday  Last day Deferred Examinations

FEBRUARY
4 Wednesday  Proposed closing date for lodgement of all Enrolment Applications
FACULTY OF ARTS

Dean
Professor A. D. Tweedie

CLASSICS

Professor
R. G. Tanner, M.A. (Melb. and Cantab.)
PROFESSOR OF LATIN (HEAD OF DEPARTMENT)

Senior Lecturer
W. D. Ashworth, B.A.(Oxon.), M.A.(St. And.)

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

Professor
B. L. Johns, M.A.(Cantab.)
PROFESSOR OF ECONOMICS (HEAD OF DEPARTMENT)

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

Senior Lecturers
I. J. Fairbairn, M.A.(Wash.), Ph.D.(A.N.U.)
P. W. Sherwood, B.Com.(Lond.)

Lecturers
N. J. Dickinson, B.Com.(N.S.W.)
R. W. McShane, B.A.(N.E.), M.A.(Alberta)
W. J. Sheehan, B.Ec.(Syd.), M.A.
P. E. Stonham, M.Sc.(Econ.) (Lond.)

Senior Tutor
I. J. Holmes, B.Com.

EDUCATION

Professor
PROFESSOR OF EDUCATION (HEAD OF DEPARTMENT)

Senior Lecturers

Lecturers
P. N. Chopra, B.Sc.(Benares), B.A., Dip.Ed.(Adel.),
M.A.Ps.S., M.A.C.E.
K. F. Collis, B.A., M.Ed.(Qld.), M.A.C.E.

ENGLISH

Professor
C. Hart, B.A.(W.Aust.), Ph.D.(Cantab.)
PROFESSOR OF ENGLISH (HEAD OF DEPARTMENT)

Associate Professor
D. B. O. Biggins, B.A.(Lond.), M.A.(So'ton)

Senior Lecturer
N. R. Cattell, M.A.(Syd.)

Lecturers
Robyn K. Bach, B.A.(Syd.)
A. J. Hassall, B.A.(N.S.W.)
R. P. Laidlaw, M.A.(Leeds)
N. C. Talbot, B.A.(Dunelm), Ph.D.(Leeds)
J. B. Tomson, B.A.(Dub.), B.Phil.(Oxon.)
FRENCH

Professor
PROFESSOR OF FRENCH [HEAD OF DEPARTMENT]

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.)

GEOGRAPHY

Professor
A. D. Tweedie, M.A.(N.Z.)
PROFESSOR OF GEOGRAPHY [HEAD OF DEPARTMENT]

Associate Professor

Senior Lecturer
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.)
D. N. Parkes, B.A.(Dunelm), M.A.

GERMAN

Professors
D. G. Mowatt, B.A., Ph.D.(Lond.)
PROFESSOR OF GERMAN [HEAD OF DEPARTMENT]
B. Newton-John, M.A.(Cantab.)
PROFESSOR OF GERMAN LITERATURE

Lecturers
G. Hughes, M.A.(Melb.)
J. D. Stowell, B.A.(Melb.)

Lektor
A. Barthofer, Dr.Phil.(Vienna)

HISTORY

Professors
G. A. Cranfield, B.A., Ph.D.(Cantab.)
PROFESSOR OF MODERN HISTORY
[HEAD OF DEPARTMENT]
J. J. Auchmuty, M.A., Ph.D.(Dub.), M.R.I.A., F.R.Hist.S.,
F.I.A.L.
PROFESSOR OF HISTORY

Associate Professor
J. P. S. Bach, M.A.(Syd.), Ph.D.(N.S.W.)

Senior Lecturers
A. H. Anderson, M.A., Ph.D.(Edin.)
L. E. Fredman, M.A., LL.B.(Melb.), A.M.(Stan.),
Ph.D.(Tulane).
W. G. McMinn, B.A.(N.E.), M.A.(N.S.W.)

Lecturers
N. Rutherford, B.A.(N.S.W.), Ph.D.(A.N.U.)
MATHEMATICS

Professor
R. G. Keats, B.Sc., Ph.D.(Adel.)

PROFESSOR OF MATHEMATICS
(HEAD OF DEPARTMENT)

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.), Dip.Ed.(N.E.)
J. A. Lambert, B.Sc.(Syd.), M.Sc. (N.S.W.)

Lecturers
R. F. Berghout, M.Sc.(Syd.)
W. Ficker, Prom. Mat., C.Sc., RNDr(Comenius)
J. R. Giles, B.A., Dip.Ed.(Syd.)
M. J. Hayes, B.A.(Cantab.)
W. T. F. Lau, M.E.(N.S.W.), Ph.D.(Syd.), M.A.I.A.A.
I. F. Vivian, B.Sc.(Lond.)

Senior Tutors
C. J. Ashman, B.A., Litt.B.(N.E.)
L. J. Brady, B.Sc.(N.S.W.)

PHILOSOPHY

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

PROFESSOR OF PHILOSOPHY (HEAD OF DEPARTMENT)

Senior Lecturer
W. V. Doniela, M.A.(Syd.), Dr.phil.(Freib.)

Lecturers
A. J. Anderson, B.A.(Syd.)
D. W. Dockrill, B.A.(Syd.), Ph.D.(A.N.U.)

Junior Tutor/Demonstrator
R. M. Robinson, B.A.

PSYCHOLOGY

Professor

PROFESSOR OF PSYCHOLOGY (HEAD OF DEPARTMENT)

Associate Professor

Senior Lecturer
B. Fenelon, B.A.(Qld.), M.A., M.A.Ps.S.

Lecturers
G. A. Halford, M.A.(N.E.), M.A.Ps.S.
A. C. Hall, B.A.(R'dg.), A.B.Ps.S., 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.

Senior Demonstrator
A. Ivinskas, B.A.(Qld.), M.A.Ps.S., A.B.Ps.S.
ADMINISTRATIVE STAFF

Vice-Chancellor and Principal
Professor J. J. Auchmuty, M.A., Ph.D.(Dub.), M.R.I.A.,
F.R.Hist.S., F.I.A.L.

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

Deputy Vice-Chancellor
Professor J. A. Allen, M.Sc.(Qld.), Ph.D.(Bristol),
F.R.A.C.I.

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

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

Deputy Bursar
M. G. Talty, B.Com.(N.S.W.), A.A.S.A.

Accountant
G. W. Walker, A.A.S.A.

Assistant Bursar—Staff
R. J. Goodbody

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

Enrolments Section
H. Floyer, B.Ec.(Syd.)

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

Publications Section
Joan Bale, B.A.(N.S.W.)

Secretariat Section
J. D. Todd, B.Com., A.A.S.A.

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

Staff Architect
D. D. Morris, B.Arch.(N.S.W.), A.S.T.C., A.R.A.I.A.

Staff Engineer

Senior Student Counsellor
P. M. Whyte, B.A.(Melb.), M.A.Ps.S.

Student Counsellors
A. P. Loftus, B.A.(Melb.), M.A.Ps.S.

Computer Unit
Computer Programmer
P. C. Cook, B.A.(N.S.W.)

Secretary/Manager of the University Union
I. H. S. Irwin
THE UNIVERSITY OF NEWCASTLE

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

Enrolments in the first year of the College's existence totalled 370 of whom only five were starting degree courses — the others were seeking a diploma or were converting their diplomas into degrees. In 1954 courses in the Faculty of Arts were offered for the first time. As the New South Wales University of Technology, whose courses were given in the College, had no Faculty of Arts, supervision of these courses was entrusted to the University of New England. This relationship continued until 1959 by which time the New South Wales University of Technology had become the University of New South Wales and was empowered to offer courses in the Faculty of Arts. Enrolments have steadily increased, reaching 1000 in 1960 and 2286 in 1968.

The Newcastle University College was established on the site of the Newcastle Technical College at Tighe's Hill and some faculties still operate there. 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 and work is underway to have the University fully established at Shortland by the beginning of the 1970 academic year. In 1969 courses in the Faculties of Applied Science, Arts, Economics and Commerce, and Science will be offered at Shortland excepting second and later year Chemistry subjects which will be offered initially at Tighe's Hill but will move to Shortland during the year. Courses in the Faculties of Architecture and Engineering will be given at Tighe's Hill. The branch library will continue to operate at Tighe's Hill.

The University is governed by a Council of twenty-three members of whom one, the Chancellor, acts as chairman. The Council comprises representatives of the University staff, Convocation, the under- graduates, 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 present Chancellor of the University is Senator the Honourable Sir Alister McMullin, K.C.M.G., D.Litt., President of the Senate. Professor J. J. Auchmuty, M.A., Ph.D.(Dub’), M.R.I.A., F.R.Hist.S., F.I.A.L. is the Vice-Chancellor and Principal.

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.

The University is financed by grants from the New South Wales and Commonwealth Governments and fees paid by students. The State and Commonwealth Governments contribute equally to the cost of buildings and major items of equipment whilst with respect to recurrent expenditure, the Commonwealth contributes $1 for every $1.85 received by way of State grant and student fees.
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 Senate from time to time and calculated in the manner determined by Senate.

(2) The recognised matriculation subjects shall be:—

- English
- Greek
- Chinese
- Mathematics
- Latin
- Japanese
- Science
- French
- Hebrew
- Agriculture
- German
- Dutch
- Modern History
- Italian
- Art
- Ancient History
- Bahasa Indonesia
- Music
- Geography
- Spanish
- Industrial Arts
- Economics
- Russian

(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 achieved 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.

* Subject to approval by the Governor.

By-law 5.3 — Admission to Courses

1. (a) 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.

(b) 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 the 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.

PRE-REQUISITES

Although pre-requisites are not prescribed, lectures in the following faculties, courses or subjects will be given on the assumption that students will have studied the subjects listed below to the level indicated:

<table>
<thead>
<tr>
<th>FACULTY</th>
<th>ASSUMPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Science</td>
<td>Second level Short Course Mathematics and Science, including Physics and Chemistry options.</td>
</tr>
<tr>
<td>Architecture</td>
<td>Second level Short Course Mathematics and Science.</td>
</tr>
<tr>
<td>Arts</td>
<td>English I — Second level English. French I — Second level French.</td>
</tr>
<tr>
<td>Engineering</td>
<td>Second level Short Course Mathematics and Science, including Physics and Chemistry options.</td>
</tr>
<tr>
<td>Science</td>
<td>Second level Short Course Mathematics and Science.</td>
</tr>
</tbody>
</table>

There is no compulsory pre-requisite for admission to the Faculty of Economics & Commerce, but students entering the Faculty are advised to have passed mathematics at the N.S.W. Higher School Certificate examination at least at the second level short course standard or to have achieved an equivalent standard in mathematics.
PROCEDURES

HOW TO ENROL

All documents relating to enrolment are obtainable from the Student Records Office, Room No. G.63, Building 'A', Shortland site.

I. PERSONS ENROLLING IN AN UNDERGRADUATE COURSE AT THE UNIVERSITY OF NEWCASTLE FOR THE FIRST TIME

(i) WITH NORMAL MATRICULATION

Step 1—Intending students, who have obtained passes at the N.S.W. Higher School Certificate Examination, the N.S.W. Leaving Certificate Examination or the Sydney University Matriculation Examination entitling them to matriculation status should lodge an "Application for Admission" with the Student Records Office before 5.00 p.m. on Monday, 20th January, 1969.

Step 2—The University will post a "Notification of Acceptance" to all students approved for admission — a letter will be sent to anyone whose enrolment cannot be accepted.

Step 3—Intending students will be required to report at the University, Shortland site, within the period Wednesday, 12th February to Friday, 14th February, 1969, to discuss their intended course with an academic adviser. Details of the location of such interviews will be given with the "Notification of Acceptance".

Step 4—Student completes enrolment by payment of fees. Wednesday, 26th February, 1969 is the last day for payment of fees.

(ii) WITH PROVISIONAL MATRICULATION

Step 1—Prospective students, seeking admission to the University and whose educational qualifications do not appear to entitle them to normal matriculation, should arrange to interview the Dean of the appropriate Faculty during the period Wednesday, 15th January to Friday, 17th January, 1969 between the hours of 1.00 p.m. to 7.00 p.m. Each applicant will be required to:

(a) complete an "Application for Admission — Admissions Committee Case"

(b) produce documentary evidence of educational qualifications claimed

(c) hand both to the Dean at the time of interview. This procedure will not apply to students who will have already been advised of approval for admission or whose cases are already under consideration.

Step 2—The University will post a letter to the applicant notifying the decision on his/her application.

(iii) INTERSTATE AND OVERSEAS STUDENTS

Students relying for matriculation on examinations taken outside New South Wales will be required to produce evidence of matriculation to their local university or some other recognised university, for example, The University of London.

Step 1—Intending students should lodge with this University before, say, Friday, 17th January, 1969 an "Application for Admission — Admissions Committee Case" supported by a statement as indicated above and documentary evidence of their educational qualifications.

Step 2—The University will post a letter to all applicants notifying the decision on his/her application. Details will be given in this letter of the procedure to be followed by student to complete enrolment.

II. PERSONS RE-ENROLLING IN UNDERGRADUATE COURSES

Undergraduates re-enrolling will be required to complete an Enrolment Form and lodge it with the Student Records Office on or before Wednesday, 5th February, 1969.

Students awaiting Deferred Examination Results — see Late Enrolments section below.

IMPORTANT
Owing to the expected increase in enrolments in 1969, new students enrolling or old students re-enrolling late, if accepted, may be allocated to the less convenient laboratory, seminar or tutorial times.

Re-enrolment forms when approved will be posted to the students.

III. CANDIDATES FOR POSTGRADUATE DIPLOMA COURSES

DIPLOMA IN APPLIED PSYCHOLOGY

Candidates for admission to this course are required to complete the enrolment form "Postgraduate Diploma" and lodge it with the Student Records Office on or before Wednesday, 5th February, 1969.

Each candidate will be required to attend the University for interview before enrolment in the course is approved.
DIPLOMA IN EDUCATION
Candidates for admission to this course are required to complete the enrolment form “Postgraduate Diploma” and lodge it with the Student Records Office on or before Wednesday, 5th February, 1969.

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

DIPLOMA IN INDUSTRIAL ENGINEERING
Candidates for admission to this course are required to complete the enrolment form “Postgraduate Diploma” and lodge it with the Student Records Office on or before Wednesday, 5th February, 1969.

IV. CANDIDATES FOR THE DEGREE OF MASTER, OR 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 is required to complete the form and return it to the University Cashier together with the appropriate fees on or before Wednesday, 26th February, 1969.

Candidates Registering for the First Time
These persons should complete an “Application for Registration as a Candidate for a Higher Degree” and lodge it with the Student Records Office.

V. CANDIDATES FOR QUALIFYING COURSES FOR HIGHER DEGREES

Graduates intending to pursue qualifying studies for admission as a candidate for the degree of Master, or Doctor of Philosophy should complete the special form for this purpose and lodge it with the Student Records Office, preferably before Wednesday, 5th February, 1969.

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 Monday, 20th January, 1969 in the case of new students, or Wednesday, 5th February, 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 31st 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 will be required to lodge an Enrolment Form with the Student Records Office after the publication of the examination results and not later than Wednesday, 19th February, 1969.

(iv) “Show Cause” Students
A student, who, by failure at the Annual Examinations wishes to “Show Cause”, will be required to interview the Dean of his Faculty between the hours of 1.00 p.m. to 7.00 p.m. in the period Wednesday, 15th January to Friday, 17th January, 1969, or, by failure at the Deferred Examinations, to interview the Dean between the hours of 2.00 p.m. to 4.30 p.m. and 5.30 p.m. to 7.30 p.m. on Friday, 14th February, 1969.

A letter will be sent to all students who “Show Cause”. Those whose re-enrolment is approved will also be sent an enrolment form and details of procedure for student to complete enrolment.

(v) Sydney University Matriculation
Students relying on this examination for matriculation should call at the Student Records Office, Shortland site, after the publication of results and obtain an “Application for Admission” and an “Enrolment Form”. After completion of these forms, the student will be directed to an academic adviser.

UNIVERSITY SKILLS ASSESSMENT
All new first year students will be required to attend the University on Thursday and Friday, 27th and 28th February, 1969, for University Skills Assessment. Full-time attendance on both days will be required.

Further details will be posted to the student during the enrolment period.

MATRICULATION CEREMONY
A Matriculation Ceremony will be held during first term and as part of the proceedings new students, excepting those who have been admitted with provisional matriculation status, will be expected to sign the Matriculation Register.

ENROLMENT IN CORRECT SUBJECTS
Considerable inconvenience is caused to the University and to the student if he reads a subject in which he has not enrolled. It is essential for the student to determine before submitting his Enrolment Form, the subjects he will read for the year. Particular attention should be made to the inclusion of Honours courses where these are taken.

WITHDRAWAL FROM COURSE REGARDED AS FAILURE
Approved 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 enrolls 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 has been approved).

A student is required to notify The Secretary of the University in writing of his withdrawal within seven (7) days of the date...
of withdrawal. With the exception of students in the Faculty of Arts and the Faculty of Economics and Commerce, no student will be allowed to withdraw without penalty after the sixth Monday of second term unless, in the opinion of the Dean of the Faculty, there is good reason why he should be permitted to do so.

In the Faculty of Arts and the Faculty of Economics and Commerce, a student 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 student may apply to the Dean, who, after consultation with the Head of the Department concerned, may allow him to withdraw without penalty.

AMENDMENTS

The following matters are regarded as amendments to course programmes and are required to be documented:

1. complete withdrawal from course *
2. withdrawal from subject(s)
3. substituting subject(s)
4. transferring from full-time to part-time within degree
5. transferring from part-time to full-time within degree
6. transferring from one degree to another
7. standing in degree course on account of subjects completed within this University †

NOTES

* The student is liable for fees up to the date on which his application to withdraw is received by the University.
† When requesting exemption in subject unit(s) or substituting unit(s) within a subject, no Variation Application is required, BUT the Head of the Department concerned must be formally notified in writing.

HOW TO DOCUMENT WITHDRAWALS AND AMENDMENTS

All withdrawals and amendments should be recorded on a Variation Application Form. It is essential that these variations be completed before 31st March, 1969. 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 Application Form. Variation Application Forms (pink) are available from the Student Records Office.

CHANGE OF ADDRESS

Students are responsible for notifying the Student Records 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 Student Records Office of a change of address. The Transport Authorities may challenge a student whose address on his identity token is incorrect.

IDENTITY TOKENS

Each student wishing to obtain a travel concession, to borrow a book from the Library or to confirm his membership of the University of Newcastle Union is required to produce on demand the identity token which will be given to him. The student should present his fee receipt to the Student Records Office on or after Monday, 10th March, 1969 and he will be given an identity token for 1969. Students re-enrolling are permitted to use their 1968 identity tokens up to Friday, 7th March, 1969.

Loss of Identity Token

If a student loses his identity token, he should pay to the University Cashier, the sum of 50c., and present the receipt to the Student Records Office for the purpose of obtaining a replacement token. A delay of approximately ten days is involved in this procedure.

Return of Identity Token

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

Non-Degree Students and Identity Token

Each non-degree student, who does not elect to pay the General Services Fee, will be issued with an embossed plain white token. This token is to be produced each time a travel concession is requested. It must also 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 Records Section, Building "A," Shortland Site.

The Student's Identity Token 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 between 18 and 30 years of age 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 Scholarships granted by the State Bursary Endowment Board.
TRAIN —
(a) Periodical tickets are available during term time 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 class 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.

FEES

GENERAL INFORMATION

COMPLETION OF ENROLMENT
Enrolment is completed by the payment of fees. Fees should be paid on or before Wednesday, 26th February, 1969. After that, a late fee will apply (see below). Fees will not be accepted after the 31st March unless The Secretary's approval to enrol is obtained in writing. This will only be given in exceptional circumstances.

Payment of fees by mail is encouraged. Money Orders should be made payable at the Newcastle University Post Office. Fees should be paid to the Cashier on the first floor of Building "A" Shortland site. The Cashier's office is open at the following times:
Monday to Friday 9.00 a.m. to 11.00 a.m.
1.00 p.m. to 4.30 p.m.

During enrolment periods the Cashier's hours are extended and details are published in the press and on University Noticeboards.

PAYMENT OF FEES BY TERM
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 before Wednesday, 26th February, 1969. Students paying fees under this arrangement will receive accounts for Second and Third Term fees prior to the commencement of these terms. These fees must be paid within the first two weeks of each term, otherwise late fees will apply.

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 to pay fees. Special forms for this purpose are available from the Student Records Office. Applications must state fully the reasons why fees cannot be paid and must be lodged before the date on which the late fee becomes payable.

SCHOLARSHIP HOLDERS AND SPONSORED STUDENTS
Students are required to submit authorised enrolment forms together with vouchers or other documentary evidence that fees are covered by a scholarship or will be paid by a sponsor, where this type of financial assistance is received. 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 1969

<table>
<thead>
<tr>
<th></th>
<th>Fees payable before or on</th>
<th>LATE FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$6.00 payable on and after</td>
<td>$10.00 payable on and after</td>
</tr>
<tr>
<td>FIRST TERM</td>
<td>Wednesday, 26th Feb.</td>
<td>Monday, 17th March</td>
</tr>
<tr>
<td>SECOND TERM</td>
<td>Friday, 20th June</td>
<td>Monday, 23rd June</td>
</tr>
<tr>
<td>THIRD TERM</td>
<td>Friday, 19th Sept.</td>
<td>Monday, 22nd Sept.</td>
</tr>
</tbody>
</table>
FAILURE TO PAY FEES

Any student who is indebted to the University and who fails to make a satisfactory settlement of his indebtedness upon receipt of due notice ceases to be entitled to membership and privileges of the University. 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 for the year is outstanding by the end of the fourth week of third term. In very special cases the Vice-Principal may grant exemption from this disqualification upon receipt of a written statement setting out all relevant facts.

FEE ADJUSTMENTS

Should an application to withdraw from a course or a subject be approved, an adjustment of course fees may be made, based on the date the application is received by the University; fees accrue up to that date.

Where notification of withdrawal from a course is received by the Dean of the Faculty 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.

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

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

DESIGNATION OF STUDENTS

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

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

A Non-Degree Student is a student who is permitted to read 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 & Commerce is classified as a Non-Degree student reading one subject.

GENERAL SERVICES FEE

(a) Students Proceeding to a Degree or Diploma

All registered students must pay a General Services fee of $42.00 per annum which includes a Library Fee. In addition, students joining the University of Newcastle Union for the first time, are required to pay an entrance fee of $12.00. This fee must be paid by the prescribed time in First Term.

(b) Non-Degree Student

Payment of the General Services Fee by a non-degree student is optional. A student cannot elect to pay portion of this fee.

UNDERGRADUATE COURSE FEES

Full-Time Courses:

- Faculties of Arts, Economics & Commerce: $276 per annum
- All other Faculties: $330 per annum

Part-Time Courses:

- All Faculties: $165 per annum
- Non-Degree Subject: $90 per annum

The abovementioned fees are current at the time of publication and may be varied by the Council without notice.

OTHER FEES

1. Where an application to sit for examinations is accepted after the closing date: $4
2. Deferred examinations, per subject: $4
3. Examination under special supervision, per paper: $8
4. Review of Examination result, per subject: $6
5. Statement of Matriculation Status: $6
6. Laboratory Kit (Chemistry), per kit: $8

POSTGRADUATE DIPLOMA COURSE FEES

- Diploma in Education: $276 p.a.
- Diploma in Industrial Engineering: $165 p.a.

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.

Where a candidate withdraws 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 (refer page 31). 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 his liability in respect of this fee to December 31st of the subsequent 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.

FEES FOR MASTER'S Degree

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration Fee</td>
<td>$4</td>
</tr>
<tr>
<td>Course &amp; Supervision Fee (Full-time)</td>
<td>$114 p.a.</td>
</tr>
<tr>
<td>Course &amp; Supervision Fee (Part-time)</td>
<td>$57 p.a.</td>
</tr>
<tr>
<td>Final Examination and Graduation Fee</td>
<td>$30</td>
</tr>
</tbody>
</table>

FEES FOR DOCTOR OF PHILOSOPHY Degree

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualifying Examination Fee (if applicable*)</td>
<td>$12</td>
</tr>
<tr>
<td>Registration Fee</td>
<td>$4</td>
</tr>
<tr>
<td>Course &amp; Supervision Fee</td>
<td>$114 p.a.</td>
</tr>
<tr>
<td>Final Examination and Graduation Fee</td>
<td>$42</td>
</tr>
</tbody>
</table>

* This fee is payable where an examination is prescribed for the assessment of a student prior to his registration as a Higher Degree candidate.

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 for which he is reading.

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) Shortland Site 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
A notice board in the Student Records area is the display point for notices concerning enrolment matters, scholarships, University rules and travel concessions, etc.

ATTENDANCE AT CLASSES

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

In the case of illness or of absence for some other unavoidable cause a student may be excused by the Head of the appropriate Department for non-attendance at classes for a period of not more than one month, or on the recommendation of the Head of the appropriate Department for any longer period.

Applications for exemption from re-attendance at classes, either for lectures or practical work, may only be approved on the recommendation of the Head of the appropriate Department. The granting of an exemption from attendance does not carry with it exemption from payment of fees. Where a student has attended less than 80 per cent. of the possible classes, he may be refused permission to sit for the annual examination in that subject.
OWNERSHIP OF STUDENTS' WORK

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

STUDENT IDENTIFICATION

Students are expected to carry their receipt for First Term enrolment 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 University of Newcastle Union is required to produce on demand the identity token which will be given to him.

The student should present his fee receipt to the Student Records Office on or after Monday, 10th March, 1969 and he will be given an identity token for 1969.

Loss of Identity Token
If a student loses his identity token, he should pay to the University Cashier, the sum of 50c., and present the receipt to the Student Records Office for the purpose of obtaining a replacement token. A delay of approximately ten days is involved in this procedure.

Return of Identity Token
Each student, who during the academic year withdraws completely from his course, will be required to hand his identity token to the Student Records Office before leaving the University.

CHANGE OF ADDRESS

Students are responsible for notifying Student Records 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 Student Records office of a change of address. The Transport Authorities may challenge a student whose address on his identity token is incorrect.

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

On the Tighe's Hill Site the authorities of the Newcastle Technical College are responsible for traffic control and parking, and their regulations, traffic signs, etc., must be obeyed.

At Shortland, all vehicles must be parked in a car park.

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, 20th June, 1969.

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 the examination. 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 procedures:

(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 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 Branch 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 in the Student Records Office area. It is planned to advise each student 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.

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 to the University 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 and Engineering to resolve a doubt. 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 sub-section (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 conditions 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 initiate action should he wish to re-enrol. He must interview the Dean of his Faculty in accordance with the time-table announced towards the end of the academic year.
THE LIBRARY

The Library, totalling approximately 130,000 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. By 1970, all departments now at Tighe's Hill will have been transferred to Shortland and all library service for the University will be given from the Shortland library. Library service for the Faculties of Architecture and Engineering, including Chemical Engineering, will, until these departments are transferred, be given through the joint Technical College-University library at Tighe's Hill.

In both libraries, 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 registering, as a reader, 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 Shortland Library, fittingly, occupies a central position on the site, next to the Union. Hours of opening are:

- **Monday — Friday**: 8.30 a.m. to 10.00 p.m.
- **Saturday**: 9.00 a.m. to 5.00 p.m.
- **Sunday**: 1.00 p.m. to 5.00 p.m.

**Long vacation:**
- **Monday, Wednesday, Friday**: 9.00 a.m. to 5.00 p.m.
- **Tuesday and Thursday**: 9.00 a.m. to 7.00 p.m.

The Library will be closed on public holidays.

The Tighe's Hill library is located on the first floor of the Clegg Building. Hours of opening are:

- **Monday — Friday**: 9.00 a.m. to 9.15 p.m.
- **all vacations excepted**

The Library is closed on public holidays.

UNIVERSITY SERVICES

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.

Student Counselling is by 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.

Students who have problems about their choice of course, or uncertainty about career plans; students who are worried about inadequate study methods or personal difficulties are invited to arrange an appointment with a Student Counsellor.

The S.C.U. is divided into three major divisions, although there is inevitably, overlap between the sections. These are Personal Counselling, Study Skills Training and Research. Apart from individual counselling, courses in an increasing number of areas are run for groups of students.

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.

In 1968, an Appointments Service was established within the S.C.U., and students are invited to register. Students in their final year may expect to receive all available advance information about career opportunities, and all students may register for part-time, casual or vacation employment. Students in the first group will be interviewed and may seek Vocational Guidance if they so desire.

"Study at the University Level" — The S.C.U. produced a brief but comprehensive book on this subject in 1967, and this can be obtained at the Bookshop for 40 cents. Although it was produced specifically for the students of Newcastle 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, 1967 as the first printing had sold out.

**S.C.U. Staff**

- **Senior Student Counsellor**: P. M. Whyte, B.A.(Melb.), M.A.Ps.S.
- **Student Counsellor**: A. P. Loftus, B.A.(Melb.), M.A.Ps.S.
- **Student Counsellor**: Miss J. A. Hollingdale, B.A., Dip.Psych.(Syd.), M.A.Ps.S.
- **Graduate Research Assistant**: A. V. Turnbull, B.A.
- **Secretary**: Mrs. J. Hoesli.
- **Stenographer**: Miss V. Petersen.

**Location**

The Secretary to the S.C.U. and two Counsellors are located in the Administration Building at Shortland (Room G75) (entrance at N.W. end of building). Study rooms are available here for students. The Unit also has a room in the Union Building Basement, and in the Main Building (1st Floor, Room 108) at Tighe's Hill.

It is generally most satisfactory for students to make appointments through the Secretary. As a Counsellor is on duty five nights each week, part-time students are in no way excluded from the available service.
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 Canon E. H. V. Pitcher, M.A.(Syd), Th.Schol., 83 Queen's Road, NEW LAMBTON. Tel. 57 1875.

Baptist  
The Reverend H. K. Watson, 133 Kemp Street, HAMILTON. Tel. 61 4048.

Methodist  
The Reverend K. G. Bond, B.D.(Lond.), L.Th., 40 Tighe Street, WARATAH. Tel. 68 2358.

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

Roman Catholic  
The Reverend Father T. Warren, B.A.(Qld), Redemptorist Monastery, MAYFIELD. Tel. 68 2347.

STUDENT LOAN FUND

The Council of the University has recently established a Student Loan Fund which is managed by a committee under the chairmanship of the Vice-Principal.

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.
UNIVERSITY ORGANISATIONS
THE UNIVERSITY OF NEWCASTLE STUDENTS' ASSOCIATION

Included in the General Services Fee of the University is an amount payable to the Students' Association, a body to which all students of the University belong. The Students' Association is governed by the Students' Representative Council (SRC), which is elected each year in September to take office in the following April. The functions of the Students' Association are many and varied.

The SRC acts as the main liaison body 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. The Education and Welfare Committee is the part of the SRC most students come in contact with. The education side attempts to study the local and national needs of education and to bring these to the attention of the public and the government.

One of the major ways in which the income of the SRC 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 SRC 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 published to publicise activities of the SRC, the Union and affiliated clubs and societies.

Each year the SRC 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 more be said than that it is the equivalent of Commem, Foundation Day, or similar activities at other universities.

As the Students' Association is a constituent member of the National Union of Australian University 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 inter-varsity cultural festivals, travel to New Zealand and many countries in Asia, volunteer aid projects in Papua/New Guinea, raising money for aboriginal scholarships and World University Service, national campaigns on education, and the national student newspaper "U."

President: Giles Martin
Secretary: Michael Nelson

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 common room facilities for its members; a cafeteria; a coffee room; a meeting room; 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 are contained in the basement of the building. A common room is provided in the Main University building at Tighe's Hill and members are eligible to use the catering facilities of the Technical College Union.

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 composed of two members appointed by the University Council, two members elected by the graduates, six members elected by the Union members, two members appointed by the Students' Representative Council, two members elected by the Senior Common Room, and the Secretary/Manager. Elections for the Board of Management are held in April.

President: Mr. B. C. Humphries
Secretary/Manager: Mr. I. H. S. Irwin
THE UNIVERSITY OF NEWCASTLE SPORTS UNION

The Sports Union is a student organisation responsible for promotion and control of sporting activities within the University. As a student you are automatically a member of the Sports Union. There are nineteen affiliated clubs: Athletics, Badminton, Men's Basketball, Women's Basketball, Cricket, Fencing, Golf, Men's and Women's Hockey, Men's and Women's Rowing, Rugby, Sailing, Ski-ing, Soccer, Squash, Surfboarding, Swimming, Table Tennis, Tennis, Weightlifting, 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 Committee 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 portion of the General Services Fee and is used to meet the cost of equipment, affiliation fees, Inter-Varsity trips, etc.

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 if you are interested in participating in any sport, you are urged to contact the Amenities Officer, Mr. Bradford, or one of the Sports Union Executive for further information. The Amenities/Sports Union office is located with the Post Office in the temporary building adjacent to the University Union.

President: Mr. G. McIntyre
Secretary: Mr. R. Hannah
Amenities Officer: Mr. H. Bradford

THE UNIVERSITY OF NEWCASTLE COMPANY

The University of Newcastle Company is the Citizen Military Force’s Unit affiliated with your 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 150 and is rising.

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 ten days in May
(c) Five weekend bivouacs a year
(d) Parades on Friday nights of two and a half hours duration.

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. 612121.

OFFICERS AND STAFF

Officer Commanding — Maj. J. G. Raymond
Full-time Staff — WO2 M. Durie
S/Sgt. K. Carmichael
CLASSIFICATION OF STUDENTS IN COURSES

CLASSIFICATIONS

1. (i) Full-time students are classified by year (Roman numerals).
   (ii) Part-time students are classified by stage.

2. In the Faculties of Arts and Science, classification depends on the number of subjects passed.

3. (i) In all other Faculties, classification is determined by enrolment in a classifying subject, i.e. by a major subject in a course.
   (ii) If a student enrols in more than one classifying subject, then the year or stage of the lower classifying subject applies.
   (iii) If the student enrols in no classifying subject, then he is classified in the year or stage of the highest classifying subject he has passed.

4. FACULTIES OF ARTS AND SCIENCE
   Students are classified according to the number of subjects passed, i.e.

   **Full-time**
   A student stays in Year I until he has passed 3 subjects.
   A student stays in Year II until he has passed 4-6 subjects.
   A student stays in Year III until he has passed 7-9 subjects.
   A student is in Year IV when taking Honours.

   **Part-time**
   A student stays in Stage 1 until he has passed 2 subjects.
   A student stays in Stage 2 until he has passed 3-4 subjects.
   A student stays in Stage 3 until he has passed 5-6 subjects.
   A student stays in Stage 4 until he has passed 7-8 subjects.
   A student stays in Stage 5 until he has passed 9 subjects.
   A student is in Stage 6 when doing Honours.

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.

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 111 subject.

13. Prerequisites
(a) Except as provided in the Schedule of subjects offered, a candidate shall, before enrolling in a Part 11 subject have passed the Part 1 subject in that course; and before enrolling in a Part 111 subject have passed in a Part 11 subject in that course.
(b) Before enrolling in a Part 111 subject a candidate shall pass any Part I or Part 11 subject which may be prescribed as a prerequisite for that subject by the Department from time to time.

14. Advanced Standing
(a) A graduate or an undergraduate of another University, University College or other faculty of the University may be granted advanced standing in recognition of the work completed in such other University, University College or Faculty, provided that:
(i) the subjects for which credit is given shall have a reasonable correspondence with those offered in the Faculty;
(ii) an undergraduate of another University, University College or Faculty shall not receive credit for more than four subjects;
(iii) a graduate of another University, University College or Faculty 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 or undergraduate 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 pattern of courses approved at the time at which the concession is granted and does not depart from the proposed pattern without the approval of the Dean.

15. Arts-Law Degree
Notwithstanding the provisions of Clause 13 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.
16. Degree Pattern
(a) A Part IV subject is a Final Honours subject
(b) Part IV subjects are offered in the following:

Classics  Economics  Education  English
French    Geography  German   Greek
History   Latin      Mathematics Philosophy
Psychology

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 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) Except with the special permission of the Faculty Board, a candidate for honours shall complete the requirements within five years from the commencement of his degree course, provided that where it is deemed practical to allow a part-time student to become a candidate for Honours, the corresponding period shall be seven 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 1969

NOTES:
1. Part IV subjects are set out in Clause 16 of the Requirements for the degree of Bachelor of Arts—see page
2. In History, A and B subjects are available in the evening in alternate years only. In 1969 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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<th>SUBJECTS</th>
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GROUP I

<table>
<thead>
<tr>
<th>Subject</th>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
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<tbody>
<tr>
<td>Economics</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Education</td>
<td>I</td>
<td>IIA, IIB</td>
<td>IIA, IIIB</td>
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The A subject is a pre- or co-requisite for the B subject.

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<tr>
<th>Subject</th>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
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<tbody>
<tr>
<td>English</td>
<td></td>
<td>IIA, IIB</td>
<td>IIA, IIIB</td>
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The A subject is a pre- or co-requisite for the B and C subjects. The B and C subjects are mutually exclusive alternatives.

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<tr>
<th>Subject</th>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
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<tbody>
<tr>
<td>French</td>
<td></td>
<td>IIA, IIB</td>
<td>IIA, IIIB</td>
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The A subject is a pre- or co-requisite for the B subject.

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<tr>
<th>Subject</th>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
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<tr>
<td>Geography</td>
<td></td>
<td>IIA</td>
<td>IIA</td>
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<tr>
<td>German</td>
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<td>IIA, IIB</td>
<td>IIA, IIIB</td>
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The A subject is a pre- or co-requisite for the B subject.

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<th>Subject</th>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
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<tbody>
<tr>
<td>Greek</td>
<td></td>
<td>IIA, IIB</td>
<td>IIA, IIIB</td>
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The A subject is a pre- or co-requisite for the B subject.
Part I | Part II | Part III
---|---|---
History | I | IIA, IIB | IIIA
A candidate may take either or both of the A and B subjects in Part II.

Latin | I | IIA, IIB | IIIA, IIIB
The A subject is a pre- or co-requisite for the B subject.

Mathematics | I | IIA, IIB, IIC | IIIA, IIIB
Pure Mathematics |
Applied Mathematics |

A candidate may take one, two or three of the subjects in Part II: one wishing to go on to any Part III subject in Mathematics must complete the IIC subject for which the IIA subject is a pre- or co-requisite. In Part III the A and B subjects are mutually exclusive alternatives.

Philosophy | I | IIA, IIB | IIIA, IIIB
The A subject is a pre- or co-requisite for the B subject.

Psychology | I | IIA | IIIA

Sanskrit | I |

**GROUP II**

Accounting | I |
Chemistry | I | II | III
Engineering | I |
Geology | I | II | III
Physics | I | II | III

**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 Faculty of Arts on the recommendation of the Board. 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 the degree of Bachelor of Arts, or Bachelor of Science or Bachelor of Commerce 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 pre-requisites specified for an individual subject in the course.

3. Notwithstanding the provisions of Clause 2(a), an undergraduate in the University of Newcastle requiring to pass in one additional subject to qualify for a degree, may, on the recommendation of the Head of the Department concerned and the Head of the Department of Education, be permitted by the Faculty Board to register as a candidate for the Diploma concurrently with his enrolment in the additional subject.

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 (1912-1950) 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 applicant 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 (1912-1950) 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.
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 (1912-1950) 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.

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**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

COURSES

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 II A
A course of 4 hours per week covering three prescribed authors, prose composition in Greek, and unprepared translation.

GREEK II B
A course of 4 hours per week covering an extra author, iambic verse composition, harder prose, and history and epigraphy of 5th or 4th century B.C.

N.B. Candidates taking both II A and II B concurrently will be excused the II A prose class and will need 7 hours per week.

GREEK III A
Candidates will take the same course as the concurrent II A plus II B candidates—7 hours per week.

GREEK III B
The candidates will take harder prose and verse classes and two of the special studies offered for Greek IV—4 hours per week.

N.B. Concurrent candidates will be excused the prose, verse and unprepared translation classes set down for III A. 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 IIIIB in 3rd year and Greek IV in 4th year.

N.B. No candidate shall take IIIA concurrently with IIB in either language.

The Professor shall have power to vary courses for candidates enrolling in IIIA who have previously passed IIB.

COURSES

LATIN I

Two alternative courses requiring a similar standard of achievement but providing scope for wider reading for those with matriculation Latin, and grammatical training for those without it. Each course needs 5 hours per week.

LATIN IIA

A course of 5 hours per week covering three prescribed authors, prose composition in Latin, unprepared translation and either Republican History with Palaeography or Imperial History with Epigraphy in alternative years.

LATIN IIB

A course of 4 hours per week covering an extra author, elegaic verse composition, harder prose and historical syntax.

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

LATIN IIIA

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

LATIN IIIIB

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

N.B. Concurrent candidates will be excused the prose, verse and unprepared translation classes set down for IIIA. Their total load will be 9 hours per week.
Candidates will take the following papers:

(1) Advanced prose or free composition in Latin or a comprehension test.
(2) A translation paper from unprepared prose authors.
(3) A translation paper from unprepared verse authors.
(4), (5), (6) 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 IIA, Latin IIIA.

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

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**LATIN IV**

(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.

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**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 IIA, Latin IIB and Greek IIA.

**THIRD YEAR**

Latin IIIA, Greek IIIIA and Greek IIIIB.

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

**FOURTH YEAR**

(1) Advanced prose or free composition in Greek.
(2) Advanced prose or free composition in Latin.
(3) A translation paper from unprepared Latin prose authors.
(4) A translation paper from unprepared Latin verse authors.
(5) A translation paper from unprepared Greek prose authors.
(6) A translation paper from unprepared Greek verse authors.
(7), (8), (9) 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.

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**SANSKRIT I**

A course of 4 hours per week covering basic grammar, two prescribed authors, prose composition in Sanskrit and unprepared translation.
CLASSICS BOOK LIST

GREEK I
First Steps in Greek, ed. F. Ritchie.
Xenophon Anabasis II, ed. Walpole (Macmillan).
*Iphigenia in Aulide et Tauris, ed. Kennedy.
Lysias XVI Orations, ed. Shuckburgh (Macmillan).
Plato, Apology of Socrates, ed. A. M. Adam.

GREEK IIA
Lysias XVI Orations, ed. Shuckburgh (Macmillan).
Plato, Apology of Socrates, ed. A. H. Adam.
Euripides Medea, ed. Page (OUP).

GREEK IIB and GREEK IIIA
Aristophanes Clouds, Hall & Geldart (OCT) Col. I.
Euripides Medea, ed. Page (OUP).
Demosthenes Philippics I & II, ed. Sandys (Macmillan).

GREEK IIB
Aristophanes Clouds, Hall & Geldart (OCT) Vol. I.
Homer Odyssey I-XII, ed. Stanford (Macmillan).
Aeschylus Persae (Broadhead).
Demosthenes Philippics I & II, ed. Sandys (Macmillan).

LATIN I
Cicero Selected Letters, ed. J. D. Duff.
*Martial, ed. Lindsay (O.C.T.).
Orations Against Catilina, ed. Wilkins (Macmillan).
Virgil Bucolics & Georgics, ed. Page (Macmillan).
*Bradley Arnolds Latin Prose Composition.
*Homer, The Iliad, ed. E. V. Rieu (Penguin).

LATIN IIA
Terence Andria, ed. Shipp (O.U.P.).

LATIN IIB and LATIN IIIA
As IIA with Lucretius I, ed. J. D. Duff (Pitt Press).

LATIN IIB
Scriptores Rei Rusticae, ed. Ashworth (duplicated).

SANSKRIT I
A Sanskrit Reader, ed. C. R. Lanman (Harvard University Press).
Sanskrit Grammar for Beginners, ed. A. A. Macdonnell (O.U.P.).

The books with an asterisk are common to beginners of the language and to those who have taken it at school.
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 IIIB provided he has completed or is concurrently enrolled in Economics IIA. Similarly Economics IIIB 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 at an appropriate stage of their course.

**ECONOMICS I**

(i) Microeconomics.

(ii) ONE OF:

(a) Elementary Economics Statistics.

(b) Applied Economics.

**ECONOMICS IIA**

(i) Macroeconomics.

(ii) Elementary Economic Statistics, if that subject was not taken in Economics I; otherwise,

ONE OF:

(a) Commerce Statistics

(b) Statistical Analysis*

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

**ECONOMICS IIB**

(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 OR Statistical Analysis I* (if not taken previously)

**ECONOMICS IIIA**

(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 IIA and is currently enrolled in Economics IIIA only may be required to take an additional subject prescribed by the Head of the Department of Economics.

(v) A candidate for the Honours degree may be required to take some additional work prescribed by the Head of the Department of Economics.

**ECONOMICS IIIB**

(For students who are enrolled in Economics IIIA or have already passed it)

TWO OF:

(i) Econometrics

(ii) Statistical Analysis I* (if not taken previously) or II

(iii) Mathematical Economics

(iv) Seminars in Economic Theory and Problems

(v) History of Economic Thought

(vi) Industry Economics (if not take previously) OR Labour Economics (if not taken previously)

(vii) Commerce Statistics (if not taken previously)*

Candidates for an Honours degree must have their selection of subjects approved by the Head of the Department of Economics.
ECONOMICS IV

EITHER,
(i) Advanced Economic Analysis, involving four major topics
(ii) Thesis embodying results of a research investigation
OR,
Advanced Economic Analysis, involving six major topics.

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.

NOTE: *Elementary Economic Statistics is a pre-requisite for Commerce Statistics and Statistical Analysis I, except that candidates who have successfully completed Mathematics I and Economics I (including Applied Economics) may, with permission of the Head of the Department of Economics, proceed directly to Commerce Statistics or Statistical Analysis I.

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 IIAT
(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 IIIBT
Same as for Economics IIB.

ECONOMICS IIIAT
(i) Macroeconomics.
(ii) Public Economics.
(iii) International Economics.
(iv) A candidate for an Honours degree in Economics may be required to take an additional subject as prescribed by the Head of the Department of Economics, if the candidate has been given advanced standing in Economics I and passed only IIAT, and is currently enrolled in Economics IIIAT only.

ECONOMICS IIIIBT
Candidates can only enrol in this unit if they concurrently enrol in or have already passed Economics IIIAT.
TWO OF:
(i) Econometrics.
(ii) Statistical Analysis I (if not taken previously), or II
(iii) Mathematical Economics.
(iv) Seminars in Economic Theory and Problems, only if Economics IIIAT has already been passed.
(v) History of Economic Thought, only if Economics IIIAT has already been passed.
(vi) Industry Economics or Labour Economics or Monetary Economics (if not taken previously).
(vii) Fluctuations and Growth, only if Economics IIIAT has already been passed.
(viii) Commerce Statistics (if not taken previously).
Candidates for the Honours Degree must have their selection of subjects approved by the Head of the Department of Economics.
ECONOMICS I

MICROECONOMICS (Professor Johns & Mr. Sherwood)

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.

(3 hours lectures and tutorials per week)

READING LIST

Preliminary Reading (intended mainly for students who have not studied Economics before).


Books Recommended for Purchase. At least one of the following:

J. S. Bain: *Price Theory* (John Wiley & Sons).

More Advanced Texts.

M. Friedman: *Price Theory. A Provisional Text* (Aldine Press).
W. Ryan: *Price Theory* (Macmillan).

ECONOMICS IIA

MACROECONOMICS (Mr. Dickinson)

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 analysis of consumption and investment, as well as those influencing aggregate supply.

(3 hours lectures and tutorials per week)
TEXT BOOKS

M. G. Mueller: Readings in Macroeconomics.
J. M. Keynes: General Theory of Employment, Interest and Money (Macmillan).
D. Bober: Economics of Cycles and Growth (Wiley).
J. Lindauer: Macroeconomics (Wiley).

RECOMMENDED READING

A. H. Hansen: Monetary Theory and Fiscal Policy.

MONETARY ECONOMICS (Mr. Stonham)

This course studies major aspects of the working of modern monetary systems, in theory and in practice. The following topics are covered: theory of the firm applied to domestic banking; the theory and practice of development banking; banking in under-developed economies; banking and financial institutions in Australia, the U.K. and the U.S.A.; current international financial institutions; the theory of price movements and interest rates and the analysis of inflation; techniques of monetary control; monetary policy in post-war Australia; current problems of international payments and the International Monetary Fund.

(2 hours per week)

READING LIST

J. A. Galbraith: The Economics of Banking Operations.
ECONOMICS IIIA

FLUCTUATIONS AND GROWTH

This course analyses the problem of economic fluctuations and growth. The various tools and concepts employed in such analysis are first treated; and this is followed by an examination of the theories of Harrod, Hicks, Duesenberry, amongst others. Particular emphasis is given to the application of these theories to the problem of a growing economy. The course ends with an examination of economic development in selected countries in the Pacific area, the Middle East and Europe.

(Not less than 2 hours and not more than 4 hours per week)

READING LIST


PUBLIC ECONOMICS (Mr. Sheehan)

Public economics is a study of Government intervention in the economy through the budget. It is concerned, therefore, with taxes and with government expenditure. The analysis of the effects of such personal taxes as a poll tax, income tax and wealth tax on savings, consumption and work effort is followed by an analysis of business taxes such as company tax and sales tax. There is a discussion of other possible taxes, notably an expenditure tax, a capital gains tax and a tax on value added.

The relation between the budget and the level of employment is then examined. Topics covered include the multiplier impact of the balanced budget, the use of taxation and government expenditure to achieve stability and the notion of capacity to pay taxes. There is also an examination of the problems of the national debt, of inter-governmental financial relationships, and of the place of fiscal policy in economic development.

(2 hours per week)

READING LIST

J. F. Due: Government Finance: Economics of the Public Sector (Irwin).
R. L. Mathews: Public Investment in Australia (Cheshire).

INTERNATIONAL ECONOMICS (Mr. Sherwood)

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 tariff policy 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

L. B. Yeager: International Monetary Relations (Harper).
D. A. Snider: International Monetary Relations (Random House, paperback).
ECONOMICS IIB

SEMINARS IN ECONOMIC THEORY AND PROBLEMS
Weekly seminars are held, at which students present papers relating to particular areas of contemporary controversy in economic theory and policy. The areas to be explicitly examined are as follows: capital theory; distribution theory; economic growth—theories and cases; the Australian economy—structure, trends and policy problems. The course is designed for advanced students, and its content may vary from time to time according to the interests of those involved.
(Not less than 2 hours and not more than 4 hours per week)

READING LIST
(To be announced)

ECONOMETRICS (Mr. McShane)
A knowledge of elementary calculus and of statistics covering at least those topics in the Commerce Statistics course is a prerequisite for reading Econometrics. The content includes elementary matrix algebra, elementary mathematical statistics, the two variable linear model and extensions of it, the major problems in linear estimation, and an introduction to simultaneous estimation.
(2 or 3 hours per week)

READING LIST
Text Books
L. A. Klein: *An Introduction to Econometrics* (Prentice-Hall)

Recommended Reading
E. Malinvaud: *Statistical Methods of Econometrics* (North-Holland).
G. Hadley: *Linear Algebra* (Addison-Wesley).

MATHMATICAL ECONOMICS
This subject is concerned with applications of mathematical techniques to theories of fluctuations, growth and allocation. Some treatment of programming applications in economics.
(Approximately 3 hours per week)

NOTE: This subject is not certain to be offered in 1969.
An announcement will be made in February 1969.

STATISTICAL ANALYSIS I

NOTE: This subject is not certain to be offered in 1969.
An announcement will be made in February 1969.

ECONOMICS IV

EITHER
1. (a) Advanced Economic Analysis. This subject comprises advanced treatment of four major selected topics in economic analysis.
AND
(b) Thesis based upon a supervised research investigation.
OR
2. Advanced Economic Analysis. This subject comprises advanced treatment of six major selected topics in economic analysis.

Topics to be offered in 1969 include:

(a) WELFARE ECONOMICS (Mr. Dickinson)
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.”
In the second half of the year more recent theories and discoveries are discussed and analysed.

READING LIST
Recommended Reading
E. Mishan: *Welfare Economics.*
De V. Graaf: *Theoretical Welfare Economics.*
A. Pigou: *The Economics of Welfare.*

(b) INDUSTRY ECONOMICS (Professor Johns)
The first part of the course begins with a discussion of decision-making within the firm. Recent developments in the theory of the firm, particularly in oligopoly theory, are examined in detail. The second part examines some aspects of industrial structure, the significance of concentration ratios, the effect of monopolies and restrictive practices. In the third part attention is directed to some aspects of innovation and technical progress, and the effects of trade and overseas investment upon the industrial structure.

READING LIST
G. B. Richardson: *Information and Investment.*
R. Marris: *Economic Theory of Managerial Capitalism.*
R. Evely and I. M. D. Little: *Concentration in British Industry.*
W. E. G. Salter: *Productivity and Technical Change.*
ECONOMIC DEVELOPMENT

This course is an extension of the third year work in Fluctuations and Growth. The work involves an analysis of more advanced theories of economic growth and their applications. Comparative work on development under different political systems will be incorporated in the empirical aspects of the study.

READING LIST

HISTORY OF ECONOMIC THOUGHT (Dr. Gordon)

The course is designed to provide historical perspective for advanced students on the subject matter of their earlier courses in economic analysis. In historical sequence, the following contributions are examined: Greek economic analysis; the early and later Scholastics; Mercantilism; Physiocracy; Adam Smith; David Ricardo and the Ricardians; the anti-Ricardian tradition; W. S. Jevons and marginal utility theorists; Leon Walras and the concept of general equilibrium; the Austrian school—Menger, von Wieser, Bohm-Bawerk; Alfred Marshall; Knut Wicksell's American contributions; the development of trade cycle theory.

READING LIST
Preliminary Reading
E. Roll: *A History of Economic Thought* (Faber).

Recommended Reading

ECONOMETRICS (Mr. McShane)
This subject may be taken by final year candidates in 1969 who have adequate preparation.

Other topics should they be available will be announced in February.
References

King, E. J.
Baron, G.
Partridge, P. H.
Spolton, L.
Fletcher, B.
Connell, W. F.
Butts, R. F.
Woodring, P.
Bereday, G. Z. F.
Hanson, J. W. & Brembeck, C. S.

EDUCATION IIIA
(3 hours lecture, 1 hour tutorial)

(a) AN INTRODUCTION TO EDUCATIONAL PSYCHOLOGY
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.
A modified course will be provided for students who have completed Psychology II at the University of Newcastle.
Students who have not completed Psychology I will be required to complete a course of preliminary reading during the vacation.

Textbooks


References


(b) RESEARCH METHODOLOGY IN EDUCATION
The course to 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 complete a course of preliminary reading during the vacation).

Textbooks

References

Lindquist, E. F.  

Amore, S. J.  

Good, C. V.  

Mendenhall, W.  

Foskett, D. J.  

**EDUCATION IIIB**  
(4 hours per week (seminars))

(a) **MODERN THEORIES IN EDUCATION (2 hours per week)**

This course includes a survey of educational theory in 19th Century England and Germany, progressive education in the United States, and Marxist-Leninist theories. A number of English and American educational theorists will be studied in more detail.

**Textbooks**

Curtis, S. J. & Boulwood, M. E. A.  

Cremin, L. A.  

(b) **THE DEVELOPMENT OF EDUCATION IN NEW SOUTH WALES (2 hours per week)**

This course includes surveys of major aspects of education in New South Wales in the 19th and 20th centuries, including elementary and primary education, superior and secondary education, higher education, the control of education, the examination system, methods of instruction, and theories of educational psychology.

Barcan, A.  

**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 will be an oral examination.
DIPLOMA IN EDUCATION

GENERAL

The courses for the Diploma in Education are provided by the University in association with the Newcastle Teachers' College and students will be expected to attend classes at both institutions. Students holding Teachers' College Scholarships and private students wishing to qualify for appointment within the New South Wales Department of Education must satisfy the conditions for the award of the Teachers' Certificate and may be required by the Principal of the Teachers' College to complete courses in addition to those prescribed for the Diploma in Education.

The content of the courses for the Diploma is under review and the following descriptions may be modified. Alternative courses may be provided for students who have included studies of Education in their degree programme.

EDUCATION A
(3 hours per week)

(a) EDUCATION IN AUSTRALIA including history of education, contemporary practice and an introduction to comparative studies.

(b) INTRODUCTION TO THEORY OF EDUCATION — A study of the views of influential writers concerning the nature and purpose of education.

Textbooks

(a) EDUCATION IN AUSTRALIA


One of the following:


OR


(b) INTRODUCTION TO THEORY OF EDUCATION

EDUCATION B
(2 hours per week)

Psychological foundations of education, including developmental psychology, personality theory, and learning theory.

Textbooks


GENERAL PRINCIPLES OF TEACHING
(2 hours per week, and demonstrations)

This course will examine some of the variables common to all teaching tasks. It will be organised under the following broad headings: the pupils, the classroom environment, the school, the teacher's task, the curriculum, teaching goals, and teaching aids.

Textbooks


EDUCATIONAL MEASUREMENT
(2 hours per week)

Basic educational statistics; test construction; evaluation of educational objectives; interpretation of examination results.

Textbooks

References
Noll, V. H.
Smith, F. M. & Adams, S.
Remmers, H. H., Gage, N. L. & Rummel, J. F.

TEACHING METHODS
Details of the available method subjects will be provided on request. Each student preparing for secondary teaching is required to select two method courses; the general prerequisite for a method course is two years of university study of the appropriate subject.

PRACTICE TEACHING
All students are required to undertake teaching practice as arranged during the year. The first period of practice will be for two weeks during the vacation before First Term.

DEPARTMENT OF ENGLISH

COURSES

GENERAL

The courses offered by the Department comprise English I, English II A, English II B, English II C, English III A, English III B, English III C, and English IV. Pass students majoring in English must read English I, English II A, and English III A, and may read, in addition, English II B or II C and English III B or III C.

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 in two major sequences of English (that is, have passed in English I and all four of the second and third year subjects), or, (b) passed in one major sequence of English (English I, English II A, English III A) 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.

The “B” or “C” courses in second and third year may be read only by those students who are currently reading, or have previously passed in, the corresponding “A” course. The “B” and “C” courses are mutually exclusive options.

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 (3 hours lectures, 1 hour tutorial per week)

English I is planned as an introductory course. Students who complete it should be equipped to read more widely and intelligently on their own, and to undertake the more specialized studies of English II. The course comprises the following sections:

1. MODERN NOVEL
2. MODERN POETRY
3. MODERN DRAMA
4. ENGLISH LANGUAGE STUDIES.

The literature sections are designed as an introduction to the major forms of English literature. Although the set texts are all from the modern period, they will be studied to some extent historically as well as critically, and will also be used as a basis for examining certain general problems in literary and critical theory.

Students are recommended to read Legouis and Cazamian’s History of English Literature (Dent).
Texts:

1. MODERN NOVEL
   Conrad: Heart of Darkness (Dent)
   Forster: Howards End (Penguin)
   Joyce: A Portrait of the Artist as a Young Man (Penguin)
   Woolf: To the Lighthouse (Penguin)
   Hemingway: A Farewell to Arms (Penguin)
   Lawrence: Lady Chatterley's Lover (Penguin)
   Scott Fitzgerald: The Great Gatsby (Penguin)
   Amis: Take a Girl Like You (Penguin)
   Heller: Catch-22 (Corgi)

2. MODERN POETRY
   T. S. Eliot: Selected Poetry (Penguin)
   Williams (ed.): The Mentor Book of Major British Poets (Mentor)

   Students are recommended to read Cross and Marsh:
   Poetry: Reading and Understanding as a general introduction to the study of poetry.

3. MODERN DRAMA
   Ibsen: Hedda Gabler (Penguin)
   Shaw: Major Barbara (Penguin)
   O'Casey: Juno and the Paycock (Macmillan: St. Martin's Library)
   O'Neill: Ah, Wilderness! and other plays (Penguin)
   Thomas: Under Milk Wood (Aldine-Dent)
   Arden: Sergeant Musgrave's Dance (Methuen)
   Pinter: The Birthday Party (Methuen)
   Albee: Who's Afraid of Virginia Woolf? (Penguin)
   White: Four Plays (Sun Books)

4. ENGLISH LANGUAGE STUDIES

   Reference

ENGLISH IIA (3 hours lectures, 1 hour tutorial per week)

1. 18th AND 19th CENTURY FICTION
   Swift: Gulliver's Travels (Penguin)
   Defoe: Moll Flanders (Signet)
   Richardson: Pamela, Vol. 1 (Everyman)
   Fielding: Joseph Andrews and Shamela (Battestin, ed.):
   : Tom Jones (Penguin) (Methuen)
   Smollett: Humphry Clinker (Penguin)
   Sterne: Tristram Shandy (Penguin)
   Austen: Northanger Abbey (Nelson): Persuasion (Penguin)
   E. Bronte: Wuthering Heights (Penguin)
   C. Bronte: Jane Eyre (Penguin)
   Dickens: Bleak House (Signet)

2. 18th AND 19th CENTURY POETRY
   The poetry of Dryden (Oxford Standard Authors), Pope (Butt ed., University Paperbacks), Burns, Blake, Coleridge, Wordsworth, Keats, Shelley, and Byron will be studied. In most cases an Oxford Standard Authors edition is available.

3. MIDDLE ENGLISH LANGUAGE AND LITERATURE
   Robinson, ed.: The Works of Geoffrey Chaucer, 2nd ed. (Oxford)

4. MODERN ENGLISH STRUCTURE

5. SHAKESPEARE
   Romeo and Juliet (New Cambridge)
   Timon of Athens (New Cambridge)
   Hamlet (New Cambridge)
   Othello (New Arden)
   King Lear (New Cambridge)
   Macbeth (New Cambridge)

   No particular edition is prescribed, but the above are recommended.

ENGLISH IIB (3 hours classes per week)

A separate English IIB Course will not be offered in 1969. Both IIB and IIB students will read the IIB 1969 course.
Details may be obtained from the Department.

ENGLISH IIC (3 hours classes per week)
1. OLD ENGLISH LANGUAGE AND LITERATURE
2. MIDDLE ENGLISH LANGUAGE AND LITERATURE
3. LINGUISTICS

Details may be obtained from the Department.

ENGLISH IIIA (3 hours lectures, 1 hour tutorial per week)
1. 19th AND 20th CENTURY FICTION
Details of texts may be obtained from the Department.
2. 19th AND 20th CENTURY POETRY
Martin, ed. : Victorian Poetry: Ten Major Poets (Random House)
Tennyson : The Idylls of the King (Signet)
Yeats : Collected Poetry (Macmillan)
Eliot : Collected Poems, 1909-1962 (Faber)
Auden : Collected Shorter Poems, 1927-1957 (Faber)
3. 19th AND 20th CENTURY DRAMA
Shaw : Arms and the Man, Man and Superman,
Back to Methuselah, Saint Joan, The Apple Cart,
Too True to be Good (Mostly in Penguin)
Yeats : Selected Plays (Macmillan)
Synge : Collected Plays (Everyman)
O'Casey : Three Plays (Papermac)
The Bishop's Bonfire (Methuen)
O'Neill : Ah Wilderness! And Other Plays (Penguin)
Eliot : Collected Plays (Faber)

The above is the basic list for the drama and the oral examinations. Students who intend concentrating on one or more of Shaw, Yeats, O'Casey, O'Neill, for the written examinations will be expected to have read more widely.

Essay : Students will be required to discuss the plays of one of the following dramatists: Arden, Beckett, Pinter.

ENGLISH IIB (3 hours classes per week)
1. THE DEVELOPMENT OF PROSE FICTION, PART 2.
2. AMERICAN LITERATURE
3. STUDY OF SPECIAL AUTHORS

Details may be obtained from the Department.

ENGLISH IIC (3 hours classes per week)
1. OLD ENGLISH LANGUAGE AND LITERATURE
2. MIDDLE ENGLISH LANGUAGE AND LITERATURE
3. LINGUISTICS

Details may be obtained from the Department.

ENGLISH IV, Literature option (4 hours classes per week)
1. 16th AND 17th CENTURY LITERATURE
2. 20th CENTURY LITERATURE

ENGLISH IV, Language option (4 hours classes per week)
1. LINGUISTICS A
2. LINGUISTICS B
3. OLD ENGLISH
4. MIDDLE ENGLISH

TEXTS in both options by arrangement. Intending students should consult the Head of Department as soon as possible, preferably before the end of the preceding academic year.
DEPARTMENT OF FRENCH

COURSES

FRENCH I

(i) The history and literature of nineteenth century France: an introductory study based on the reading of prescribed texts 
   (one lecture and one tutorial group weekly)
(ii) Translation and explanation of prescribed texts, with an introduction to French versification 
   (one lecture weekly)
(iii) Exercises in translation from English into French, with some unseen translation from French into English 
   (one lecture weekly)
   The writing of three short essays in French
(iv) Phonetics 
   (one lecture weekly)
   Reading aloud, conversation, dictation 
   (one hour weekly in Language Laboratory)

FRENCH IIA

(i) The literature of the period represented by the prescribed texts 
   (one lecture weekly and tutorial groups to be arranged)
(ii) Translation and explanation of prescribed texts 
   (one lecture weekly)
(iii) Explanation in French of prescribed texts 
   (one lecture weekly)
(iv) Exercises in translation from English into French, with some unseen translation from French into English 
   (one lecture weekly)
   The writing of three short essays in French
(v) Special literary study of the XXth Century French Drama 
   (tutorial groups to be arranged)

FRENCH IIB

(i) Individual study of the history of the French language during the preceding long vacation 
   (see Lecturers for advice)
(ii) Lectures, exercises and prescribed texts as for French IIA
(iii) Explanation and translation of medieval texts 
   (two lectures weekly)
(iv) History of the prescribed period of literature 
   (one lecture weekly)

FRENCH III A

(i) Lectures, exercises and prescribed texts as for French IIA 
   (N.B. including XXth Century French Drama)
(ii) Literary study of a special subject 
   (tutorial groups to be arranged)

FRENCH III B

(i) Lectures, exercises and prescribed texts as for French III A 
   Separate course on sixteenth century
(ii) Individual study of sixteenth century texts

FRENCH IV

(i) Modern French Literature 
(ii) The Social and intellectual history of France from 1870
(iii) A special study of the Chansons de geste: translation and explanation of Old French texts
(iv) A thesis in French on some aspect of French literature or language
# FRENCH BOOK LIST

## REFERENCE BOOKS

<table>
<thead>
<tr>
<th>Title</th>
<th>Publisher</th>
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<tbody>
<tr>
<td>Heath's New Practical French Grammar</td>
<td>Harrap</td>
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<td>A French Reference Grammar, Ferrat</td>
<td>O.U.P.</td>
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<tr>
<td>Mansion's Shorter English—French Dictionary</td>
<td>Harrap</td>
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<td>Mansion's Shorter French—English Dictionary</td>
<td>Harrap</td>
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<tr>
<td>Petit's Dictionnaire anglais—français</td>
<td>Hachette</td>
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<tr>
<td>Petit's Dictionnaire français—anglais</td>
<td>Hachette</td>
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<tr>
<td>Gasc.: Dictionary of the French and English Languages ( unabridged)</td>
<td>Bell</td>
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<tr>
<td>Heath: Standard French and English Dictionary (2 vols.)</td>
<td>Harrap</td>
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<tr>
<td>Maurice Grévisse: Le Bon Usage</td>
<td>Duculot</td>
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<tr>
<td>Ph. Martinon: Comment on parle en français</td>
<td>Larousse</td>
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<td>Ph. Martinon: Comment on prononce le français</td>
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## FRENCH I

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<tr>
<th>Author</th>
<th>Title</th>
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<tbody>
<tr>
<td>Parmée</td>
<td>Twelve French Poets: 1820-1900</td>
<td>Longmans</td>
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<td>Balzac</td>
<td>Eugénie Grandet</td>
<td>Garnier-Flammarion</td>
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<td>Zola</td>
<td>Germinal</td>
<td>Livre de Poche</td>
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<td>Flaubert</td>
<td>Madame Bovary</td>
<td>Garnier-Flammarion</td>
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<td>Maupassant</td>
<td>Selected Short Stories</td>
<td>U.L.P.</td>
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<td>Stendhal</td>
<td>Le Rouge et le Noir</td>
<td>Garnier-Flammarion</td>
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<tr>
<td>Castex et Surer</td>
<td>Manuel des études littéraires françaises, XIXe siècle</td>
<td>Hachette</td>
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<tr>
<td>Armstrong</td>
<td>Phonetics of French</td>
<td>Bell</td>
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<tr>
<td>Nicholson</td>
<td>Introduction to French Phonetics</td>
<td>Macmillan</td>
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<td>Colette</td>
<td>Claudine à l'école</td>
<td>Livre de Poche</td>
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<tr>
<td>Lagarde et Michard</td>
<td>XVe siècle: Les grands auteurs français</td>
<td>Bordas</td>
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<tr>
<td>Corneille</td>
<td>Le Cid</td>
<td>Harrap</td>
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<td>Corneille</td>
<td>Polyeucte</td>
<td>Blackwell</td>
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<td>La Fayette</td>
<td>La Princesse de Clèves</td>
<td>Garnier-Flammarion</td>
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<tr>
<td>Molière</td>
<td>Le Bourgeois Gentilhomme</td>
<td>Univ. of London Press</td>
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<td>Molière</td>
<td>Le Misanthrope</td>
<td>Blackwell</td>
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<td>Molière</td>
<td>Le Tartuffe</td>
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<td>Racine</td>
<td>Athalie</td>
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<td>Racine</td>
<td>Britannicus</td>
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<tr>
<td>Ferrau et Decahors</td>
<td>Morceaux choisis de la littérature française: Moyen Âge                 (Éditions de l'Ecole)</td>
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<td>Villon</td>
<td>Oeuvres</td>
<td>Champion</td>
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<tr>
<td>Lagarde et Michard</td>
<td>Moyen Âge: Les grands auteurs français</td>
<td>Bordas</td>
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<tr>
<td>Ewert</td>
<td>The French Language</td>
<td>Faber and Faber</td>
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<tr>
<td>Pope</td>
<td>From Latin to Modern French</td>
<td>Manchester U.P.</td>
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<tr>
<td>Nyrop</td>
<td>Grammaire historique de la langue française (5 vols.)</td>
<td>Picard</td>
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## FRENCH IIIA

As for IIA with the additions of:

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<tr>
<th>Author</th>
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<tr>
<td>Pascal</td>
<td>Pensées</td>
<td>Classiques Larousse</td>
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<td>Pascal</td>
<td>Les Provinciales</td>
<td>Classiques Larousse</td>
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## FRENCH IIIB

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<tr>
<td>Rabelais</td>
<td>Pantagruel</td>
<td>Éd. Saulnier, Droz</td>
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<td>Marot</td>
<td>Poésies choisies</td>
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<td>Ronsard</td>
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<td>Du Bellay</td>
<td>Oeuvres choisies</td>
<td>Classiques Larousse</td>
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<td>D'Aubigné</td>
<td>Les Tragiques</td>
<td>Classiques Larousse</td>
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<tr>
<td>Montaigne</td>
<td>Selected Essays</td>
<td>Ed. Tilley and Boase, Manchester U.P.</td>
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<td>Lagarde et Michard</td>
<td>XVIe siècle: Les grands auteurs français</td>
<td>Bordas</td>
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<td>Gougenheim</td>
<td>Grammaire de la langue française du XVIe siècle</td>
<td>Langues du Monde</td>
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## FRENCH IV

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<th>Author</th>
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<tbody>
<tr>
<td>Brogan</td>
<td>The Development of Modern France</td>
<td>Hamish Hamilton</td>
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<tr>
<td>Thomson</td>
<td>Democracy in France</td>
<td>O.U.P.</td>
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<tr>
<td>Pickles</td>
<td>French Politics</td>
<td>Methuen</td>
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<td>Pickles</td>
<td>The Fifth French Republic</td>
<td>Methuen</td>
</tr>
<tr>
<td>Whitehead</td>
<td>La Chanson de Roland</td>
<td>Blackwell</td>
</tr>
<tr>
<td>Béroul</td>
<td>Le Roman de Tristan</td>
<td>Ed. Muret, Classiques français du moyen âge</td>
</tr>
</tbody>
</table>
COURSES

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. A final examination of two papers each of three hours. The three strands to this course are designed to introduce students to the earth as the home of man and to basic techniques required for this study.

(a) PRACTICAL GEOGRAPHY

The practical class of 3 hours per week is designed to enable students to gain proficiency in, and an understanding of, the tools of geographical analysis. It contains three sections:

(i) An introduction to the mechanics of reading and interpreting topographic maps. An integral part of this section is a one-day excursion designed to develop a basic frame of geographic reference and elementary field work skills.

(ii) The cartographic representation of quantitative data in distribution maps and diagrams.

(iii) An introduction to the statistical organisation and interpretation of quantitative data.

(b) A study of the processes resulting in and the integration of landforms, climate, soil and vegetation. Two days of field investigation are associated with this aspect of the course.

(c) A study of the evolution and patterns of world population and settlement. One day of field investigation is included in this part of the course.

Prescribed Books:

A set of four topographic maps and a basic set of cartographic instruments. (Advice on these items will be given at the beginning of the practical course.)


GEOGRAPHY II A

6 hours per week. (4 hours of lectures, two hours practical/tutorial). The course involves ten days field work. A final examination of four papers each of two hours. One strand of this course is concerned with human impact on the landscape, the other stresses aspects of physical geography.

(a) HUMAN GEOGRAPHY

A course of about 60 lectures with associated seminars, practical exercises and field work. This involves a study of Historical Geography designed to develop an appreciation of the time-element, and the concept of change in geographic study, and of Economic Geography which studies the impact of economic activity and especially of agricultural production on the face of the earth.

(b) PHYSIOGRAPHY

A course of about 60 lectures with associated seminars, practical exercises and field work. One section of this course examines the water balance as an expression of the exchange of matter between the earth and its atmosphere. Another investigates the development of landforms in such topics as—fluvial processes, slope processes, Cenozoic diastrophism, climatic changes and sea level changes. It studies structurally controlled landform and coastal landforms as "intra-zonal" features and investigates the landforms, and related soil and vegetation of the different climate zones.

Prescribed Books:

Mitchell, J. B.: Historical Geography. English, U. P.


or


GEOGRAPHY III A

5 hours per week. The course involves ten days' field work. A final examination of three papers each of three hours. The course is comprised of two studies.
(a) SOUTH-EAST ASIA
A course of about 40 lectures and associated seminars designed to study the regional variety, which exists in the monsoon Asian region. Because this is largely an underdeveloped area, the course work will concentrate on the study of the characteristics of underdevelopment and the areal manifestations of these characteristics.

Prescribed Book:

(b) POLITICAL GEOGRAPHY
A course of about 40 lectures and associated seminars. This course 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.

Prescribed Books:

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. A final examination of three papers each of three hours. Seminars and field work will be offered in the following:
(a) The history and methodology of geographic study.
(b) The impact of man and society on nature.
(c) A systematic topic relating to the thesis work.

Prescribed Books:
Thomas, William L. (ed.): Man's Role in Changing the Face of the Earth. Univ. of Chicago Press
Hartshorne, Richard: Perspective on the Nature of Geography. Murray
The Nature of Geography. Assoc. of Amer. Geogr.

DEPARTMENT OF GERMAN

COURSES

GERMAN I

GERMAN I* (5 hours per week)
This course is intended for students with no previous knowledge of German.
Language (Grammar, Oral practice, translation)
Analysis of selected Modern German Texts (Terms 2 and 3)

GERMAN I (4 hours per week)
This course is intended for students with a pass in German at the Higher School Certificate or the equivalent.
Language (Grammar, Oral practice, Translation)
Analysis of selected Modern German Texts.

Course common to both I* and I (1 hour per week)
Introduction to Literary Criticism.

GERMAN II

GERMAN IIA (4 hours per week)
This course is intended for students who have successfully completed German I* or I. By special permission of the Head of the Department, students who have gained a high pass in Level I German at the Higher School Certificate may also be enrolled in German II.
Metrical Analysis (Term 1)
The "New Critics" (Term 1)
Symbol, Metaphor & Allegory (Terms 1 and 2)
Oeuvre criticism: Hofmannsthal (Terms 1 and 3)
Genre criticism: Modern Novel (Terms 2 and 3)
MHG Language and Literature (Terms 2 and 3)
Seminar: Criteria of Relevance in interpretation of individual texts (Terms 2 and 3)

GERMAN IIB (4 hours per week)
This course may be taken by any student in German II in conjunction with German IIA and will count as a full course.
Oeuvre criticism: Goethe (Terms 1, 2, 3)
Thomas Mann (Terms 1 and 3)
Genre criticism: Lyric (Terms 1 and 2)
Conceptual Frameworks: Classicism, Christianity & Hölderlin (Term 1)
"Reality" and Contemporary Drama (Terms 2 and 3)
Seminar: Criteria of Revelance (Terms 2 and 3)

Courses common to both IIA and IIB (2 hours per week)
Language (Translation and Oral Practice)
GERMAN III

GERMAN IIIA (4 hours per week)
This course is intended for students who have successfully completed a course in German II.
Interpretation of MHG Literature
Genre criticism: Post-classical drama
Bildungsroman
Seminar: Criteria of Relevance in Interpretation of Individual Texts.

GERMAN IIIB (4 hours per week)
This course is intended for students who have successfully completed a course in German II. It may only be taken in conjunction with German IIIA.
Oeuvre criticism: Schiller (Terms 1, 2, 3); Rilke (Terms 1, 2, 3)
Literary history (Term 1)
Conceptual Frameworks: Psycho-analysis, Marxism and Büchner (Term 3)
Seminar: Criteria of Relevance (Terms 1, 2, 3)
Courses common to both German IIIA and IIIB (2 hours per week)
Language (Translation, Oral Practice)

GERMAN IV
This course is intended for students who have shown high performance in the subjects studied, which will normally include at least 3 units of German.
Language (Translation, Oral practice)
Modern Literature Seminar
Mediaeval Literature Seminar
Research Techniques
Thesis

All courses will involve theory, practical work and essay-writing.

GERMAN BOOK LIST
(Subject to change according to availability of texts)

GERMAN I
(This book can also be used in other parts of the course i.e. for short stories, translation exercises, oral classes.)

Other poems to be issued by the Department.

Droste-Hülshoff, A. v.: Die Judenbuche, Harrap, 1955;
Russon: Complete German Course for First Examinations, Longmans.

EXTRAS FOR BEGINNERS:

Deutsche Prosa. Erzählungen seit 1945, Sonderreihe dtv 46.
GERMAN IIA

I. Glier and H. Paul: *Deutsche Metrik*, Max Hueber Verlag, München.


J. Asher: *A Short Descriptive Grammar of M.H.G.*, O.U.P.

Richey and Sacker (ed.): *Walther von der Vogelweide*, Blackwell.


Kleist, H. v.: *Sämtliche Novellen*, Goldmann or D.T.V. Vol. 4 of *Sämtliche Werke*.


*Der Schwierige, Der Unbestechliche*, Fischer Bücherei.

*Der Turm* (Schulausgabe), Fischer, Frankfurt, 1965.

*Kafka:*

**Das Schloss**, Fischer.

**Der Prozess**, Fischer.

**Das Urteil**, Fischer.

*Rahv, Philipp:*


*Böll, H.:*


Lotte in Weimar, Fischer, pp. 400.

GERMAN IIB

G. Schulz: *An Anthology of German Poetry 16th to 20th Century*, Macmillan.


Buddenbrooks, Fischer.

*Der Tod in Venedig*, Fischer.

*Der Zauberberg*, Fischer.


Epen, Goldmann 880.

*Faust II*, Bücher der Neunzehn.

*Die Wahlverwandtschaften*, Goldmann 394.

GERMAN IIIA


J. Asher: *A Short Descriptive Grammar of M.H.G.*, O.U.P.


C. E. Gough (ed.): *Meier Helmbrecht*, Blackwell.


*Novalis:*


*Keller, G.:* *Der grüne Heinrich*, Goldmann, München.


Hebbel: *Agnes Bernauer*, Nelson.


Brecht: *Das Friedensfest*, Fischer.

*Hocke Courage*, Suhrkamp.

*Der Kaukasische Kreidekreis*, Suhrkamp.
German IIB


German III A & B


German IV


(All 3 published by J. B. Metzlersche Verlag, Stuttgart.)

DEPARTMENT OF HISTORY

COURSES

History is essentially a reading subject, and students are urged to read as widely as possible. The book lists are not intended to be final or conclusive. They represent merely the basic reading. Students are advised to purchase as many of them as funds will allow. A more detailed book-list, covering specialized aspects and topics of the various courses, will be provided by the Department when enrolments begin. Students are also referred to the Library catalogue.

All courses are liable to be slightly modified according to staffing requirements and availability.

Where A and B courses exist, evening lectures are given in them in alternate years only. History IIA is not available in the evening in 1969.

HISTORY I — History of European Civilization
(Three hours per week)

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 Problems 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:

S. C. Easton: A Brief History of the Western World (Barnes & Noble paperback 1962)
W. H. McNeill: A History Handbook of Western Civilization
OR,
Schaeffer, Fowler and Cooke: Problems in Western Civilisation (Scribners 1965 paperback)

A more extensive and specific list of books will be issued to all students at the beginning of the course.

HISTORY IIA — British History
(Not available in the evening in 1969)

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 matters in the first half of the period and problems arising from the Industrial Revolution in the second.

An additional seminar will be available to Honours students.

Recommended Texts:

D. L. Keir: Constitutional History of Modern Britain
S. T. Bindoff: Tudor England
G. R. Elton: England under the Tudors
C. Hill: The Century of Revolution
J. H. Plumb: England in the Eighteenth Century
T. S. Ashton: The Industrial Revolution
D. Thomson: England in the Nineteenth Century
R. K. Webb: Modern England
G. M. Young: Victorian England, Portrait of an Age
N. F. Cantor and M. S. Werthman:
The English Tradition, Vols. I & II

HISTORY IIB — Pacific History (Three hours per week)

This course is made up of an introductory study of the Expansion of Europe and more detailed studies of the history of Australia, the United States and the Pacific Islands (including New Zealand). 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; the Pacific Island section is concerned mainly with the impact of the Western powers on New Zealand and the other islands and the accommodations made in the region to Western influences.

An additional seminar in one aspect of the course will be available to Honours students.
HISTORY IIIA — Asian History (Four hours per week)
A course covering the history of China, Japan, India and the countries of South-East Asia. The emphasis is on the impact of the West upon the East, but due attention is paid to the society and culture of the peoples of the area and the differences in intellectual outlook both among them and between them and the West.
An additional seminar in one aspect of the course will be available to Honours students.

Recommended Texts:
The Mentor Books on Confucius, Buddha and Lao Tzu
de Bary, Chan and Watson, eds. :
E. C. Reischauer & J. K. Fairbank: East Asia: The Great Tradition
G. M. Beckmann: East Asia: The Modern Transformation
K. S. Latourette: The Modernization of China & Japan
H. Borton: The Chinese, their History and Culture
C. Buss: Japan's Modern Century
J. F. Cady: The People's Republic of China
P. Spear: S.E. Asia, its Historical Development

PROBLEMS IN AUSTRALIAN HISTORY
This course of two hours per week treats at depth certain themes in Australian history, with particular reference to problems of interpretation. It consists of three sections: a series of lectures on one theme, a series of seminars on a second theme, and a series of seminars and discussions on various problems related to the particular interests of individual students and to recent Australian historical literature. Students presenting papers are expected to make use of books, periodicals and such primary source materials as contemporary writings, printed historical records and parliamentary debates.

Preliminary Reading:
M. H. Ellis: Lachlan Macquarie, his Life, Adventures and Times
C. M. H. Clark: History of Australia, I
A. C. V. Melbourne: Early Constitutional Development in Australia
G. Sawyer: Australian Federal Politics and Law
GOVERNMENT AND SOCIETY IN TUDOR ENGLAND

A course designed to examine in some depth certain problems concerning the structure of society and the methods of government in Tudor England.

Preliminary Reading:

G. R. Elton: *The Tudor Constitution*

S. T. Bindoff: *The Tudor Revolution in Government*

L. Stone: *Elizabethan Government and Society*

R. H. Tawney: *The Agrarian Problem in the Sixteenth Century*


HISTORIOGRAPHY

This course in historical method (one hour per week) includes extensive reading from the works of such historians as Herodotus, Thucydides, Gibbon, Macaulay, Buckle, Carlyle, Froude, Lecky, Ranke, Acton, Trevelyan and Toynbee.

Note: Entry to Fourth Year

From 1970 students will normally be admitted to Fourth Year if they have read History I and at least three other History courses, have attended the Honours Seminar in two of these courses and have passed at an acceptable level the courses attempted. In 1969, History I and two other History courses, with the appropriate additional attendance, will suffice. Special arrangements will be made for students who have completed "Distinction" courses under old regulations. Such students should consult the Head of the Department.

Note: Variation of Fourth Year Courses

Machinery exists for students in particular cases, with the consent of the Head of the Department, to substitute an approved and appropriate subject given by another Department for part of the normal History IV course.

DEPARTMENT OF MATHEMATICS

COURSES

MATHEMATICS I

A subject of four lectures and two tutorial hours per week for three terms comprising the following topics.

Differential and integral calculus and their applications; special functions; sequences and series; coordinate geometry; differential equations; groups, fields, linear algebra, vector spaces, matrices and determinants; introduction to computing and numerical mathematics.

Texts:

*Calculus and Linear Algebra*  
H. S. Wilf (Harcourt Brace & World Inc.).

*Differential and Integral Calculus*  
Frank Ayres (Schaum Publishing Co.).

*A Course in Fortran*  
J. A. Lambert.

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. A pass in Mathematics I is a prerequisite for entry to each part II subject given by the Department; in addition some topics will require other topics as a corequisite or prerequisite as shown.

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<td>E</td>
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<td>F</td>
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<td>G</td>
<td>Fourier series, partial differential equations and special functions</td>
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<tr>
<td>H</td>
<td>Probability and statistics</td>
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<tr>
<td>I</td>
<td>Topic in statistics e.g. time series</td>
</tr>
<tr>
<td>J</td>
<td>Topic in applied mathematics, e.g. dynamics</td>
</tr>
<tr>
<td>K</td>
<td>Topic in pure mathematics e.g. group theory</td>
</tr>
<tr>
<td>L</td>
<td>Topic in pure mathematics, e.g. axiomatic systems</td>
</tr>
</tbody>
</table>
TEXTS:

Topic A—real analysis
Real Analysis ......... W. Kaplan.

Topic B—complex analysis
Advanced Calculus (Chapter 9) ......... W. Kaplan.

Topic C—calculus and vector calculus
Advanced Calculus (Chapters 1-5) ......... W. Kaplan.

Topic D—linear algebra
Linear Algebra and Matrix Theory (Chapters 1-5) E. D. Nering.

Topic E—differential equations and integral transforms
Elementary Differential Equations and Boundary Value Problems (Chapters 3,4,5,6,7,9) W. E. Boyce & R. C. DiPrima.

Topic F—numerical analysis and computing

Topic G—Fourier series, partial differential equations and special functions
Advanced Calculus (Chapters 7,10) ......... W. Kaplan.

Topic H—probability and statistics

Topic I—topic in statistics

Topic J—topic in applied mathematics
Theoretical Mechanics (Chapters 1-7,9) ......... M. R. Spiegel.

Topic K—topic in pure mathematics

Topic L—topic in pure mathematics
Topics in Algebra (Chapters 1,2,3,7) ......... I. N. Herstein.

MATHEMATICS IIA

A subject of four lectures and two tutorial hours per week 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 to H. Subject to the consent of the Head of the Department one topic from A to H may be substituted for topics K or L. Subject to the consent of the Head of the Department the combination G, I, K, L or some similar combination may be accepted in the case of students who passed Applied Mathematics IIA or IIB prior to 1969.

Notes
1. Part-time students may take Mathematics IIB in two parts each of two lectures per week for three terms.
2. In order to pass both Mathematics IIA and Mathematics IIB a student must study all the topics A to H above and offer them for examination.
3. Mathematics IIA is a corequisite or prerequisite for Mathematics IIC.
4. In order to pass in all three part II subjects a student must study all twelve topics and offer them for examination.

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 following pattern.

1. If he has passed Mathematics IIA only he may proceed as though he had satisfied the examiners in topics C and E.
2. If he has passed Mathematics IIA only he may proceed as though he had satisfied the examiners in topics C, E, F and H, i.e. the new Mathematics IIB.
3. If he has passed Pure Mathematics IIA or IIB only he may proceed as though he had satisfied the examiners in topics A, B, C and D, i.e. the new Mathematics IIA.
4. If he has passed Applied Mathematics IIA or IIB only he may proceed as though he had satisfied the examiners in topics E, F, J and H and attended lectures in A, B, C and D. Such a student may be credited with a pass in Mathematics IIC if he satisfies the examiners in topics G, I, K or L or some similar combination approved by the Head of Department.
5. If he has passed both Pure Mathematics IIA or IIB and Applied Mathematics IIA or IIB he may proceed as though he had satisfied the examiners in topics A, B, C, D, E, F, H and J. Such a student may be credited with a pass in Mathematics IIC if he satisfies the examiners in topics G, I, K and L or some similar combination approved by the Head of Department.

PART III SUBJECTS

A revision of part III subjects will be made for the 1970 academic year. The syllabuses for the part III subjects to be given in 1969 follow; the prerequisites are unchanged from 1968. Students wishing to obtain one mathematics major after 1969 will be required to have passed Mathematics IIA and Mathematics IIC. Students wishing to obtain two majors in mathematics are strongly advised to take all three part II subjects.
PURE MATHEMATICS IIIA

This subject comprises four lectures and two tutorial hours per week for three terms, including the following:
- Analysis of the real number system
- Real variable theory
- Metric topology
- Theory of groups and rings
- General topology
- Complex variable theory
- Differential equations

Texts:
- Complex Variables and Applications by R. V. Churchill (International Student Edition)
- Differential Equations by H. Hochstadt
- Principles of Mathematical Analysis by W. Rudin (International Student Edition)
- Introduction to Topology and Modern Analysis by G. F. Simmons (International Student Edition)
- General Topology by S. Lipschutz (Schaum Publishing Co.)

PURE MATHEMATICS IIIB

This subject comprises six lectures and one tutorial hour per week for three terms, including topics from the following:
- Analysis of the real number system
- Real variable theory
- Metric topology
- Theory of groups and rings
- General topology
- Complex variable theory
- Differential equations
- Further work on topology
- Complex variable and differential equations
- General algebra
- Functional analysis

An essay on a general topic will also be required.

Texts:
- Complex Variables and Applications by R. V. Churchill (International Student Edition)
- Differential Equations by H. Hochstadt
- Principles of Mathematical Analysis by W. Rudin (International Student Edition)
- Introduction to Topology and Modern Analysis by G. F. Simmons (International Student Edition)
- General Topology by S. Lipschutz (Schaum Publishing Co.)

APPLIED MATHEMATICS IIIB

This subject comprises six lectures and one tutorial hour per week for three terms, including topics from the following:
- Calculus of variations
- Numerical analysis
- Mechanics of continuous media
- Special relativity
- Statistics
- Further work on numerical analysis and mechanics of continuous media
- Integral transforms
- Quantum mechanics
- Probability

Texts:
- Principles of Mechanics by J. L. Synge & B. A. Griffith
- Tensor Calculus by J. Abram (Butterworths)
- Cartesian Tensors by H. Jeffreys
- Introduction to Numerical Analysis by G. Temple
- Introduction to Mathematical Statistics by R. V. Hogg & A. T. Craig

THEORETICAL HYDRODYNAMICS

Consult lecturers concerned for other books.

MATHEMATICS IV

A student desiring admission to this course must apply in writing to the Head of the Department before 1st December of the preceding year. This course extends over one full-time academic year and will be examined by a minimum of three papers, each of three hours duration.

PART A—Lectures, reading-tutorial courses, and seminars, as required.

PART B—A thesis, i.e. a study under direction of a special topic using relevant published material and presented in written form.
**DEPARTMENT OF PHILOSOPHY**

**COURSES**

**GENERAL NOTE:** One unit only is offered in First Year and Fourth Year, but two units are offered in Second Year and Third Year, of which students may take one or both. For each unit there will be two examination papers.

To enrol in Fourth (Honours) Year, students should have completed at least four Philosophy units and obtained in each at least Credit grading. In addition to attending lectures, Fourth Year students will write a thesis.

**PHILOSOPHY 1**

**SECTION 1: INTRODUCTION TO PHILOSOPHY** (1 hour weekly for lectures, 1 hour weekly for seminars)

This course is an introduction to Philosophy, through lectures on aspects of the thought of Plato and Descartes. The first part is concerned with Plato's theory of education, political authority, the nature of the soul and its immortality, and universals. The second part is concerned with Descartes' quest for infallible knowledge, and his attempts to provide the foundations of science, to prove the existence of God and the immaterial character of the soul.

In addition there will be seminars, during which the two texts listed will be studied and discussed in detail.

**Texts:**

**LECTURES:**
- Descartes: *Philosophical Writings* ed. Anscombe and Geach (Nelson).

**SEMINARS:**
- Mabbott, A. D.: *An Introduction to Ethics* (Hutchinson University Library).
- Woozley, J. D.: *Theory of Knowledge* (Hutchinson University Library).

**Reference Books:**
- Burnet, J.: *Greek Philosophy* (Macmillian).

**SECTION 2: LOGIC AND SCIENTIFIC METHOD** (1 hour weekly)

This course assumes no prior acquaintance with logic, and comprises a study of traditional formal logic and a consideration of some logical features of scientific enquiry. It is intended to introduce students to a formal study of arguments and scientific method, and thus to provide further equipment for examining and evaluating arguments met with not only in other sections of the philosophy course, but generally.

**Texts:**

**LECTURES:**
PHILOSOPHY II

Two units will be offered in Philosophy II: IIA and IIB. IIA will consist of Section I and any one of the other four Sections. IIB, which can be taken only if IIA is taken, will consist of two other sections.

SECTION 1: BASIC EMPIRICISM

A study of problems in metaphysics and theory of knowledge as they arise and are exemplified in the philosophy of Locke, Berkeley and Hume. Some attention will be paid to the Continental Rationalists who set the stage for the development of Empiricism in England.

Texts:
Berkeley: Philosophical Writings, ed. Armstrong (Collier).
Hume: Treatise of Human Nature (Fontana).
The Age of Enlightenment: ed. Sir Isaiah Berlin (Mentor).

Students may substitute the more expensive editions of Locke, e.g. Ed. Pringle-Pattison (Dover), or Hume, e.g. Ed. Selby Bigge (Oxford).

Reference Books:
Aaron, R. I.: John Locke (Oxford).
Warnock, G. J.: Berkeley (Pelican).
N. Kemp Smith: David Hume.

SECTION 2: QUESTIONS IN RECENT BRITISH PHILOSOPHY

This course deals, in the main, with British philosophy from 1900 to 1939. Special mention is given to the writings of G. E. Moore, Bertrand Russell, Ludwig Wittgenstein, and A. J. Ayer. The foundation of the course will be:
(i) Background to Logical Atomism
(ii) Logical Atomism
(iii) Logical Positivism
(iv) Philosophical Analysis

Books:

Students are advised to acquire
The Blue and Brown Books (Harper).

The following should be used for detailed reference:
Logic and Knowledge (Allen & Unwin).
Ayer, A. J. (ed.): Logical Positivism (Free Press).
Pears, D. F.: Bertrand Russell and the British Tradition in Philosophy.

For further general account of the Period:
Passmore, J. A.: A Hundred Years of Philosophy (Duckworth).

SECTION 3: EARLY GREEK PHILOSOPHY (2 hours weekly)

A course on the birth of Western Philosophy, from Thales to Socrates (the so-called pre-Socratic philosophers).

Recommended Books:
J. Burnet: Early Greek Philosophy (Meridian or A. & C. Black).
Other references will be given by the Department.

SECTION 4: SYMBOLIC LOGIC

An introduction, employing the method of natural deduction, to propositional calculus, predicate calculus, and the algebra of classes, both as applying to arguments and as formal systems, with some notice of alternative systems and notations.

Text:

Recommended Reading:
Strawson, P. F., Introduction to Logical Theory (University Paperbacks).
Anderson and Johnstone, Natural Deduction (Wadsworth).
Quine, W. V. O., Elementary Logic (Harper Torchbooks).

SECTION 5: ETHICS (2 hours weekly)

For description, see Philosophy III.
PHILOSOPHY III

Two units will be offered in Philosophy III: IIIA and IIIB. IIIA will consist of Section A and any one of the other four Sections. IIIB, which can be taken only if IIIA is taken, will consist of two further sections.

SECTION 1: RATIONALISTS AND KANT (2 hours weekly)

The course begins with some logical and epistemological questions arising in Leibniz's works, and an examination of Spinoza's pantheism and ethical views. It then proceeds to a study of selected topics in Kant's Critique of Pure Reason, including the classification of judgments, the nature of space and time, causality, the cosmological antinomies, and the arguments for the existence of God. Some reference will also be made to Kant's ethical position.

Texts:
Leibniz: Basic Writings (Open Court) or Monadology, ed. Latta (Oxford).
Spinoza: Ethics (Everyman);
Kant: Critique of Pure Reason (Macmillan).

Reference Works:
Ewing, A. C.: A Short Commentary on Kant's Critique of Pure Reason (Methuen).
Kemp Smith, N.: A Commentary to Kant's Critique of Pure Reason (Macmillan or Russell & Russell).
Strawson, P. F.: The Bounds of Sense (Methuen).

SECTION 2: ETHICS (2 hours weekly)

This course aims at developing ethics as a positive science, taking the ethical material of John Anderson as a starting point. Special reference will be made to the relation of ethics to psychoanalytic theory. A critical exposition of Plato's Gorgias will form a considerable part of the course. The theory as developed will be applied to Hobbes, Butler and Mill.

Texts:
Plato, Gorgias (Penguin) or in: Socratic Dialogues, tr. Woodhead (Nelson).
Suttie, I. D., The Origins of Love and Hate (Penguin).
Sidgwick, H., History of Ethics (Macmillan).
Taylor, A. E., Plato: the Man and his Work (Macmillan).
Plato, Republic (Penguin or Everyman).

Reference Works:
Hobbes, Leviathan.
Butler, Sermons.
Mill, Utilitarianism.
Brown, J. A. C., Freud and the Post-Freudians.
Hall, C., A Primer of Freudian Psychology.
Fromm, E., Fear of Freedom.
Sargent, W., Battle for the Mind.
Danielsson, B., Love in the South Seas.

SECTION 3: PLATO AND ARISTOTLE (2 hours weekly)

For description, see Philosophy IV.

SECTION 4: SOCIAL PHILOSOPHY (2 hours weekly)

For description, see Philosophy IV.

SECTION 5: SYMBOLIC LOGIC (2 hours weekly)

For description, see Philosophy II.

PHILOSOPHY IV

SECTION 1: PLATO AND ARISTOTLE (2 hours weekly)

An introduction, through prescribed texts, to the metaphysics and epistemology of Plato and Aristotle. The prescribed texts for 1969 are Plato's Meno, Theaetetus, Sophist and Philebus, and Aristotle's Categories, De Interpretatione, and Metaphysics. The prescribed texts should be studied in the following translations and commentaries:

Cornford, F. M., Plato's Theory of Knowledge (Routledge).
Hackforth, R., Plato's Examination of Pleasure (Library of Liberal Arts).
The following are recommended for further reading:
Taylor, A. E., Plato, the Man and his Work (Methuen).
Crombie, I. M., An Examination of Plato's Doctrines (Routledge).
Ross, W. D., Aristotle (Methuen).
Anscombe, G. E. M. and Geach, P. T., Three Philosophers (Blackwell).
SECTION 2: SOCIAL PHILOSOPHY (2 hours weekly, including seminars)

The course will consist of two parts. The first will deal mainly with the question of different mentalities or attitudes and their manifestation in social theories and institutions (political, ethical, religious, educational etc.). The second part will be concerned with methodological problems arising in recent literature on social theory, e.g., the difference between social and physical sciences, social and historical causation, 'ideal types', etc.

Texts:

Recommended Reading:
Hegel, G. W. F., *The Phenomenology of Mind* (any ed.).
Friedrich, C. J. (ed.), *Totalitarianism* (Grosset).

DEPARTMENT OF PSYCHOLOGY

COURSES

PSYCHOLOGY I

A course of four lectures and one one-hour practical session 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, which is a general introduction to psychology, includes learning theory, motivation, developmental psychology, physiological psychology, comparative psychology, theory of measurement, and descriptive statistics and statistical analysis of data.

Textbooks:

PSYCHOLOGY II

A course of four lectures and one two-hour practical session 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 and motivation, social psychology, psychological testing and measurement, and statistics.

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

A course of five lectures and two hours practical classes per week. The final examination consists of three three-hour papers and an assessment of the practical work carried out by the student throughout the year. The course includes personality and its assessment, social psychology, physiological psychology, perception, child development and motivation, cognition and factor analysis.

PSYCHOLOGY IV

The course consists of lectures and seminars for three 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, and quantitative psychology.

DIPLOMA IN APPLIED PSYCHOLOGY

YEAR I

The course consists of three lectures, three tutorials in test training and six hours practical work per week. The practical work includes in-service training. The final examination consists of two papers, one theoretical and one practical. The course includes clinical psychology and psychopathology, test training and clinical practice.

YEAR II

The course consists of four lectures and eight hours practical work per week. The practical work includes in-service training. The final examination consists of one theoretical and one practical paper. The course includes clinical psychology, training in psychotherapy, and clinical practice.
FACULTY OF ARTS

TIMETABLE 1969

SHORTLAND CAMPUS
A — CLASS ROOMS, ARTS/ADMINISTRATION BUILDING
B — MAIN LECTURE THEATRE
H — SCIENCE LECTURE THEATRE

TIGHE'S HILL CAMPUS
M — CLASS ROOMS, MAIN BUILDING

In reading this timetable students should note the following facts:

1. It is primarily a lecture timetable. In some courses students may be required to attend certain tutorials or practical classes not shown here.

2. In Economics II and III some alternative courses are available. Students should consult the Department.

3. In some subjects more times are shown than the prescribed number of hours. Where this is the case the class is divided for parts of the course and some of the hours are alternative to others.

4. Geology is shown in the Science Handbook.

5. Mathematics is shown separately at the end of this Timetable.

*If the Science Lecture Theatre is not ready for use at the beginning of First Term in 1969, an interim timetable will be posted on the Notice Boards.
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Diploma of Education and Diploma of Applied Psychology timetables will be made available to students on enrolment.
**PURE MATHEMATICS IIIA**

<table>
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<tr>
<th>Time</th>
<th>Room</th>
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<th>Room</th>
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<tbody>
<tr>
<td>Lecture</td>
<td>Mon 2, 3</td>
<td>Mon 6, 7</td>
<td>AG09</td>
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<tr>
<td>Lecture</td>
<td>Wed 10, 11</td>
<td>Wed 6, 7</td>
<td>ALG29</td>
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Two tutorial hours from:

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<tbody>
<tr>
<td>Mon 10</td>
<td>AG24</td>
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<tr>
<td>Wed 12</td>
<td>AG24</td>
</tr>
<tr>
<td>Mon 5</td>
<td>AG09</td>
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<td>Wed 5</td>
<td>ALG29</td>
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**PURE MATHEMATICS IIIIB**

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<tr>
<td>Tutorial</td>
<td>Wed 12</td>
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<td>Wed 5</td>
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Four additional lectures will be arranged by the department.

**APPLIED MATHEMATICS IIIA**

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<tr>
<td>Lecture</td>
<td>Thurs 9, 10</td>
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<td>Tues 12</td>
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**APPLIED MATHEMATICS IIIIB**

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<tbody>
<tr>
<td>Lecture</td>
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<td>AG09</td>
<td>and Thurs 10</td>
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<tr>
<td>Tutorial</td>
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<td>AG24</td>
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</table>

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