FACULTY OF ECONOMICS and COMMERCE

HANDBOOK 1967

THE UNIVERSITY OF NEWCASTLE, NEW SOUTH WALES
Postal Address:
THE UNIVERSITY OF NEWCASTLE, NEW SOUTH WALES

Telephone Numbers:

SHORTLAND CAMPUS 68 0401
Administration
Faculties of:
Arts
Economics and Commerce
Science (Departments of Geology, Mathematics and Physics)
Library

TIGHE'S HILL CAMPUS 61 0461
Faculties of:
Applied Science
Architecture
Engineering
Science (Department of Chemistry)
Library

Consult the Calendar for:—
Academic Dress
University of Newcastle Act, 1964
By-laws
The Council
The Senate
Officers and Former Officers of the University
Prizes and Scholarships
University Medallists
Lists of Graduates and Diplomates
Publications and Research Interests
MAP OF SHORTLAND SITE

THE UNIVERSITY OF NEWCASTLE
NEW SOUTH WALES

SITE PLAN

N

L.G. DENOTES LOWER GROUND FLOOR
G. = GROUND FLOOR
1 = FIRST FLOOR

PHYSICS & CHEM. I.

GEOLOGY

MAIN LECTURE THEATRE

GREAT HALL SITE

BUILDING A

G: LIBRARY

BANK

L.G.: HISTORY, PHILOSOPHY, CHAPLAINES

L.G.: ADMINISTRATION, STUDENT COUNSELLOR

L.G.: GEOGRAPHY

G: ARTS OFFICE

CLASSICS
EDUCATION
FRENCH
GERMAN

L.G.: ENGLISH

PSYCHOLOGY

L.G.: ECONOMICS & COMMERCE

L.G.: GARAGE & GENERAL STORE

RING

ROAD

PARKING

PARKING

BUS STOP

TO JESMOND

RANKIN

DRIVE

TO NEWCASTLE

ENTRANCE

5
PRINCIPAL DATES — 1967

First Term: Lectures: February 27th to May 13th.
           Vacation: May 15th to June 3rd.

Second Term: Lectures: June 5th to August 12th.
              Vacation: August 14th to September 2nd.

Third Term: Lectures: September 4th to November 3rd.
            Annual Examination: November 4th to November 25th.
            Vacation: Commences November 27th.

JANUARY
Deferred Examinations: All courses Monday, 23rd to Saturday, 4th February.
Monday, 30th Australia Day — Public Holiday.

FEBRUARY
Friday, 10th Last day for lodgement of all enrolment applications.
Wednesday, 22nd Orientation commences.
Monday, 27th First Term Lectures begin.

MARCH
Friday, 24th to Tuesday, 28th Easter Vacation.

APRIL
Tuesday, 25th Anzac Day — Public Holiday.

MAY
Monday, 13th to Saturday, June 3rd Vacation (3 weeks).

JUNE
Monday, 5th Second Term Lectures begin.
Monday, 12th Public Holiday.
Thursday, 29th Last day for acceptance of applications for examinations — 24 week courses.

AUGUST
Friday, 11th Last day for acceptance of applications for examinations — 30 week courses.
Monday, 14th to Saturday, September 2nd Vacation (3 weeks).

SEPTEMBER
Monday, 4th Third Term Lectures begin.

OCTOBER
Monday, 2nd Public Holiday.

NOVEMBER
Friday, 3rd Third Term Lectures end.
Saturday, 4th Annual Examinations begin — 30 week courses.
Saturday, 25th Annual Examinations end.

1968

JANUARY
Monday, 28th to Saturday, 4th February Deferred examinations — all courses.

FEBRUARY
To be advised Closing date for lodgement of all enrolment applications.
Monday, 26th First Term Lectures begin.
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OFFICERS OF THE UNIVERSITY

VISITOR
His Excellency The Governor

CHANCELLOR
The Honourable Sir ALISTER MAXWELL McMULLIN, K.C.M.G.,
President of the Senate

DEPUTY CHANCELLOR
GEORGE ALFRED EDWARDS, B.A., B.Sc.(Oxon.),
A.M.I.Chem.E., A.R.I.C.

VICE-CHANCELLOR AND PRINCIPAL
Professor JAMES JOHNSTON AUCHMUTY, M.A., Ph.D.(Dub.),

VICE-PRINCIPAL
Professor BRINLEY NEWTON-JOHN, M.A.(Cantab.)
FACULTY OF ECONOMICS AND COMMERCE

Dean:
Professor W. P. Hogan

Sub-Dean:
D. J. McKee

Graduate Assistant:
Elaine Sheehan, B.A.(N.S.W.)

Commerce

Professor:
M. O. Jager, B.Com.(Melb.), A.A.S.A., A.C.A.A.
Professor of Commerce (Head of Department).

Senior Lecturers:

Lecturers:
E. J. Burke, B.Com.(N.S.W.), A.A.S.A.
R. W. Gibbins, B.Com.(Q'ld.), A.C.A.
D. J. McKee, B.Ec.(Syd.), A.A.S.A.
L. Singer, M.A., LL.B.(Glas.), B.Econ.(P.A.) (S. Africa),
   Barrister-at-Law

Part-time Lecturer:
A. Smith, D.F.C., B.Ec.(Syd.)

Part-time Tutors:
J. J. H. Davies, B.Com.(N.S.W.)
D. S. Karpin, B.Com.(N.S.W.)
H. Lunney, A.A.S.A., A.C.I.S.
C. McConville, B.Com.(N.S.W.)
Gloria E. Swan, B.Com.
   A.C.A.A.

Economics

Professor:
W. P. Hogan, M.A.(N.Z.), Ph.D. (A.N.U.)
Professor of Economics (Head of Department)

Associate Professor:
B. L. Johns, M.A.(Cantab.)
ADMINISTRATIVE STAFF

Vice-Chancellor and Principal

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

Senior Student Counsellor
S. G. Alley, B.A.(Syd.), A.S.T.C., M.A.Ps.S.

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

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.

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

Graduate Assistants
Joan Bale, B.A.(N.S.W.)
Nell Emmanuel, B.A.(N.S.W.)
H. Floyer, B.Ec.(Syd.)
Glennie Jones, B.A.(N.S.W.)

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

Secretary/Manager of the University Union
I. H. S. Irwin

THE LIBRARY STAFF

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

Head Cataloguer
Elizabeth Guilford, B.A.(N.E.), A.L.A.A.

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

Assistant Librarians
Marianne E. Flood, B.A.(Syd.), Dip.Lib.(N.S.W.)
Two appointments pending

Library Assistants
B. Mitcheson, A.L.A.A.
Winifred Murdoch, B.Sc.(N.E.)
L. Faidigo
P. Davies
M. Swerus
Two appointments pending

Librarian's Secretary
Marcia C. Meyjes

Typists
Joyce Kiefer
Colleen Flynn

Attendants
P. Moroney
J. Vanson
UNIVERSITY OF NEWCASTLE

The University of Newcastle has existed in its own right for two years, yet it is not the youngest of the Australian Universities, for there are three universities junior to it. This expansion of higher education in Australia is due to the somewhat belated recognition that if this country is to maintain its place in the modern world, let alone progress, it will need many more scientists, teachers, architects, engineers, administrators, economists, linguists, and specialists and technologists of all kinds. To supply these, and above all to produce a thoughtful educated society, is a function of the Universities.

The University began in 1952, modestly, on the site of the Newcastle Technical College, as a College of the New South Wales University of Technology. Of the first enrolment of 370, only five students were starting degree courses—the others were seeking a diploma or were converting their diplomas into degrees. The courses offered were those given in the University of Technology, but public pressure soon brought about the introduction of Arts courses, in which 93 students enrolled in 1954. Since the University of Technology had no Faculty of Arts, the supervision of these courses was entrusted to the University of New England and a happy relationship was established which lasted until 1959, by which time the University of Technology had become the University of New South Wales.

Student numbers have grown steadily from the original band of 370 to 1726 in 1965, the year in which autonomy was granted and 2,023 in 1966. Academic staffing has kept pace numerically with this expansion, but it was only very recently that any significant increase in the number of professors took place. Up to 1961, we had one. By 1962 we had two. At the beginning of this year there will be twenty two.

Graduates from Newcastle who took their degrees from the Universities of New South Wales and New England now number about 900. In 1966 the University of Newcastle conferred degrees for the first time on its own authority when 138 candidates were admitted to degrees.

Most students will spend their University life on the new campus at Shortland; some students will not be able to complete their degrees there, because the University had insufficient money to move all the Faculties at the same time. But for some years it is expected that new buildings will be erected on the Shortland campus for Applied Science, Engineering, Chemistry, Architecture, the Library and the Great Hall.

It is confidently expected that this physical growth will be accompanied by an increasing emphasis on honours and post-graduate studies.

THE ORGANISATION OF THE UNIVERSITY

The governing body of the University is the Council, which has the responsibility for making all major decisions on policy.

The Council consists of 23 members including representatives of the undergraduates, the graduates, the non-academic and the academic staff of the University and Convocation. Its Chairman is the Chancellor of the University, Senator The Honourable Sir Alister McMullin, K.C.M.G.

The Chief Executive Officer of the Council is the Vice-Chancellor and Principal, Professor J. J. Auchmuty, M.A., Ph.D., M.R.I.A., F.R.Hist.S., F.I.A., who sees to the implementation of the Council decisions and has the general oversight of the administration of the University. In this work he is assisted by Professor B. Newton-John, M.A., the Vice-Principal.

The Chief Academic Body in the University is the Senate, which is composed of the professors and one non-professorial representative from each faculty. It meets under the Chairmanship of the Vice-Chancellor and presents to Council the results of its deliberations on all matters affecting the academic life of the University—matriculation requirements, course structures, the appointment of examiners, the conditions for the award of post-graduate degrees and diplomas and similar matters. The Senate has inter alia a Personnel and Finance Committee which is an advisory committee to the Vice-Chancellor, and an Admissions Committee, which deals with all applications for entry which do not satisfy formal matriculation requirements.

The other major academic bodies are the Faculty Boards of which we have six (Applied Science, Architecture, Arts, Economics and Commerce, Engineering, Science). Each Faculty Board consists of all the tenured academic staff of the Departments composing the Faculty together with representatives of other Faculties and is chaired by the Dean of the Faculty, a professor elected by the Faculty Members. It is the Faculty Board that is responsible for the teaching, research activities and examinations within the Faculty. Once courses have been approved by the Board, it is the business of the individual Departments to teach and examine them.

Most Departments invite an External Examiner, usually a Professor from another University, to co-operate in the assessment of examination results, particularly those of honour candidates, thus ensuring that this University's standards are known in other Australian Universities.

THE FACULTIES

Courses are offered in six Faculties, each of which is composed of one or more departments.

FACULTY OF APPLIED SCIENCE

Dean: Professor I. McC. Stewart

Chemical Engineering and Industrial Chemistry


Metallurgy


FACULTY OF ARCHITECTURE

Dean: Professor F. Romberg

Professor F. Romberg, Dipl.Arch. (E.T.H. Zurich), F.R.A.I.A.
FACULTY OF ARTS
Dean: Professor J. A. Keats

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

Education
Head of Department G. H. Duncan, M.A.(Syd.), B.Ed.(Melb.), M.A.C.E.

English
Professor K. G. W. Cross, M.A., Ph.D.(Dub.)

French
Professor K. H. Hartley, M.A.(Syd.), D. de l’U(Paris)

Geography
Professor A. D. Tweedie, M.A.(N.Z.)

German
Professor D. G. Mowatt, B.A., Ph.D.(Lond.)

History
Professor G. A. Cranfield, B.A., Ph.D.(Cantab.)

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

Psychology

FACULTY OF ECONOMICS AND COMMERCE
Dean: Professor W. P. Hogan

Commerce
Professor M. O. Jager, B.Com.(Melb.), A.A.S.A., A.C.A.A.

Economics
Professor W. P. Hogan, M.A.(N.Z.), Ph.D. (A.N.U.)

FACULTY OF ECONOMICS
Dean: Professor W. P. Hogan

FACULTY OF ENGINEERING
Dean: Professor H. R. Vallentine

Civil Engineering
Professor H. R. Vallentine, B.E.(Syd.), M.Sc.(Iowa), A.S.T.C., A.M.I.E.(Aust.), M.ASCE.

Electrical Engineering
Professor B. D. O. Anderson, B.Sc., B.E.(Syd.), Ph.D.(Stanford)

Mechanical Engineering
Professor Appointment pending.

FACULTY OF SCIENCE
Dean: Professor C. D. Ellyett

Chemistry
Professor J. A. Allen, M.Sc.(Q’ld.), Ph.D.(Bristol), F.R.A.C.I.

Geology
Professor Beryl Nashar, B.Sc., Dip. Ed.(Syd.), Ph.D.(Tas.)

Mathematics
Professor I. D. Macdonald, M.A.(Aberd.), Ph.D.(Manc.)

Physics
REQUIREMENTS FOR ADMISSION

Candidates may qualify for entry to undergraduate courses by complying with the matriculation requirements set out hereunder at the New South Wales Leaving Certificate Examination, or the University of Sydney Matriculation Examination.

The New South Wales Leaving Certificate Examination is usually held in November and entries must be lodged with the Department of Education during July.

The Matriculation Examination is held in February and applications must be lodged at the University of Sydney during the first ten days of January except by candidates who have taken the Leaving Certificate Examination in the previous November. The closing date for such candidates will be announced when the Leaving Certificate results are published.

MATRICULATION REQUIREMENTS

(To operate from 1st January, 1961, to 31st March, 1967.)

1. (i) A candidate for any first degree of the University shall satisfy the conditions for admission set out in section 2 (ii) below before entering upon any course for such degree.

Compliance with these conditions does not in itself entitle a student to enter upon a course.

(ii) A person who has satisfied the conditions for admission 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. (i) For the purpose of matriculation, approved subjects are grouped as follows:

A. English.
B. Latin, Greek, French, German, Italian, Hebrew, Chinese, Japanese, Russian, Dutch, Geography, Ancient History, Modern History, Economics;
C. Mathematics I, Mathematics II, Mathematics III.
D. Agriculture, Applied Mathematics, Biology, Botany, Chemistry, Physics, Geology, General Mathematics, Physics and Chemistry, Physiology, Zoology;
E. Accountancy, Art, Descriptive Geometry and Drawing, Music, Theory, and Practice of Music.

(ii) The conditions for admission to any undergraduate course leading to a degree are that a candidate must have passed the New South Wales Leaving Certificate Examination conducted by the Department of Education or the University of Sydney Matriculation Examination, in a least five approved subjects at the one examination;

Provided that:

(1) either (a) the five subjects include English and at least one subject from each of the Groups B and C but include not more than one subject from Group E, except that candidates may qualify for admission to the Faculty of Arts only, by passing in one subject from group D in lieu of the subject from Group C, or (b) the five subjects include English, and at least one subject from either Group B or Group C, but include not more than one subject from Group E, and

provided further that the five passes include either one first-class Honours and two A's or two Honours of which one is first-class; and

(ii) (a) neither Physics nor Chemistry is offered with the combined subject Physics and Chemistry;
(b) neither Botany nor Zoology is offered with Biology;
(c) neither Botany nor Zoology nor Biology is offered with Physiology;
(d) neither Mathematics I nor Mathematics II nor Mathematics III is offered with General Mathematics;
(e) neither Mathematics I nor Mathematics II is offered with Mathematics III; and
(f) Mathematics I or Mathematics II may be counted as an approved subject only if the candidate presented himself for examination in both Mathematics I and Mathematics II.

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 shall not have the privileges of a matriculated student and shall not be eligible to proceed to a degree.
### FULL-TIME COURSES

<table>
<thead>
<tr>
<th>FACULTY</th>
<th>COURSE</th>
<th>DEGREE</th>
<th>DURATION — YEARS</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Pass</td>
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<tr>
<td>Applied Science</td>
<td>Chemical Engineering</td>
<td>B.E.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Industrial Chemistry</td>
<td>B.Sc.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Metallurgy</td>
<td>B.Sc.</td>
<td>4</td>
</tr>
<tr>
<td>Architecture</td>
<td>Architecture</td>
<td>B.Arch.</td>
<td>5</td>
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<tr>
<td>Arts</td>
<td>Arts</td>
<td>B.A.</td>
<td>3</td>
</tr>
<tr>
<td>Economics and Commerce</td>
<td>Accounting</td>
<td>B.Com.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td>B.Com.</td>
<td>3</td>
</tr>
<tr>
<td>Engineering</td>
<td>Civil Engineering</td>
<td>B.E.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Civil Engineering</td>
<td>B.E./B.Sc.</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Electrical Engineering</td>
<td>B.E.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Electrical Engineering</td>
<td>B.E./B.Sc.</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
<td>B.E.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
<td>B.E./B.Sc.</td>
<td>5</td>
</tr>
<tr>
<td>Science</td>
<td>Science</td>
<td>B.Sc.</td>
<td>3</td>
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</tbody>
</table>

### PART-TIME COURSES

<table>
<thead>
<tr>
<th>FACULTY</th>
<th>COURSE</th>
<th>DEGREE</th>
<th>DURATION — YEARS</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Pass</td>
</tr>
<tr>
<td>Applied Science</td>
<td>Chemical Engineering</td>
<td>B.Sc. (Tech.)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Industrial Chemistry</td>
<td>B.Sc. (Tech.)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Metallurgy</td>
<td>B.Sc. (Tech.)</td>
<td>6</td>
</tr>
<tr>
<td>Architecture</td>
<td>Architecture</td>
<td>B.Arch.</td>
<td>6</td>
</tr>
<tr>
<td>Arts</td>
<td>Arts</td>
<td>B.A.</td>
<td>5-6+</td>
</tr>
<tr>
<td>Economics and Commerce</td>
<td>Accounting</td>
<td>B.Com.</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td>B.Com.</td>
<td>5</td>
</tr>
<tr>
<td>Engineering</td>
<td>Civil Engineering</td>
<td>B.Sc. (Tech.)</td>
<td>6</td>
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<tr>
<td></td>
<td>Electrical Engineering</td>
<td>B.Sc. (Tech.)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
<td>B.Sc. (Tech.)</td>
<td>6</td>
</tr>
<tr>
<td>Science</td>
<td>Science</td>
<td>B.Sc.</td>
<td>5-7+</td>
</tr>
</tbody>
</table>

* All students must enrol initially in the Full-Time course and on completion of the first year may apply to transfer to the Part-Time Course.
+ Progression is by subject; duration of course is dependent on choice of subjects.
POST GRADUATE AWARDS

It is well to consider at the outset of your University career the desirability of undertaking an honours course.

A good honours degree, valuable in itself and a most useful qualification in any professional field, is essential to gain a post-graduate award which will enable the recipient to read for a higher degree.

Particulars of post-graduate awards available at the University are published in the Calendar.

PROCEDURES

HOW TO ENROL

All documents relating to enrolment are obtainable from the Student Records Office, Room No. 158, Building "A", Shortland site.

1. (i) PERSONS ENROLLING IN AN UNDERGRADUATE COURSE AT THE UNIVERSITY OF NEWCASTLE FOR THE FIRST TIME.

Two forms, as under, are required to be completed by each intending student and lodged with the Student Records Office before the 10th February, 1967.

(a) Application for Admission.
(b) Enrolment Application.

(ii) PERSONS RE-ENROLLING IN UNDERGRADUATE COURSES.

Undergraduates re-enrolling will be required to complete an Enrolment Application and lodge it with the Student Records Office before the 10th February, 1967.

A student in this category whose Enrolment Application is not received by the Student Records Office before 5.00 p.m. on Friday, 10th February, 1967, will become liable to pay a late fee.

(iii) CANDIDATES FOR POST-GRADUATE DIPLOMA COURSES

(a) Candidates for the Diploma in Education.

These people should complete the Post-Graduate Diploma Application Form and lodge it with the Student Records Office before the 10th February, 1967.

(b) Candidates for the Post-Graduate Diploma in Industrial Engineering.

These people should complete the Post-Graduate Diploma Application Form and lodge it with the Student Records Office before the 10th February, 1967.

(iv) CANDIDATES FOR THE DEGREE OF MASTER OR DOCTOR OF PHILOSOPHY.

Candidates re-enrolling.

These persons will be required to complete the Higher Degree Enrolment Form and lodge it with the Student Records Office before the 10th February, 1967.

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 10th February, 1967.

2. NOTIFICATION OF ACCEPTANCE.

(i) All Undergraduates.

Each student will be required to call at Room No. 150, Building "A", Shortland site, to collect his/her approved Enrolment Application.

The approved Enrolment Applications will be available for collection on and after Wednesday, 22nd February, 1967.

Wednesday, 22nd February, 1967, is the Opening Day of Orientation Week.

(ii) All Post-Graduate Candidates.

The approved Enrolment Application will be posted to the address nominated by the candidate on his Enrolment Form.

3. NOTIFICATION OF AMENDMENT, CALL FOR INTERVIEW OR REJECTION.

In cases where an enrolment may be authorised subject to certain amendments, the student concerned may be advised by post or may be requested to call for an interview.

Where it is considered desirable or where the student has so requested, an appointment will be made for the student to discuss his enrolment application.

The student whose enrolment cannot be accepted will be notified in writing.

4. STUDENTS NEEDING ACADEMIC ADVICE BEFORE ENROLLING.

The student who is uncertain which subjects he should read, after referring to the information available in the appropriate Faculty Handbook, should consult the Dean of the Faculty during the period 6th—10th February, 1967.

An appointment may be made by phoning the Dean's secretary.

The Deans of various faculties are listed on page 15.

5. LATE ENROLMENTS.

(i) Students who are unable to lodge their Application for Enrolment by the prescribed date, shall make written application to the Vice-Principal for an extension of time. This application must be received by the Vice-Principal on or before 10th February, 1967, otherwise the University reserves the right not to accept the student's application.

(ii) No enrolments will be accepted after 31st March 1967. Students who are unable to lodge their Application for Enrolment by the prescribed date, shall make written application to the Vice-Principal for an extension of time. This application must be received by the Vice-Principal on or before 10th February, 1967, otherwise the University reserves the right not to accept the student's application.

(iii) Deferred Examinations.

A student who has taken a deferred examination will be required to lodge an Enrolment Application with the Student Records Office after the publication of the examination results and before Thursday, 23rd February, 1967.

(iv) Show Cause Students.

A student given permission to re-enrol will be required to lodge, with the Student Records Office, an Enrolment Application within seven (7) calendar days of the despatch to him of a letter advising permission to re-enrol.

(v) Sydney University Matriculation Examination.

Students relying on this examination for matriculation will be required to lodge an Application for Admission and an Enrolment
Application with the Student Records Office within seven (7) calendar days of the publication of results.

6. **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.

These students should lodge with this University, before 1st December, 1966, an Application for Admission and an Enrolment Application, supported by a statement as above and documentary evidence of their educational qualifications.

7. **PRECAUTIONS WHEN COMPLETING ENROLMENT DOCUMENTS.**

(i) Students should answer all questions unless otherwise instructed.

(ii) The description of subjects should correspond exactly with the information shown in the Faculty Handbooks.

(iii) The student should ensure that he has inserted his standing in the course in accordance with the instructions set out in the Faculty Handbook, e.g. Year II, Stage 4.

(iv) The student should check the timetable for the courses selected to ensure that there are no clashes.

(v) It is important that the student check his proposed programme to ensure that he has:

   (a) completed pre-requisite subjects,

   (b) satisfied the sequence requirements.

(vi) **Amendments to Enrolments.**

All amendments to enrolments must be completed by lodging, before 31st March, 1967, with the Dean of the Faculty, a Variation Form indicating the change required.

Changes are not automatically approved; the reasons therefore must be given.

8. **AMENDMENTS.**

The following matters are regarded as amendments to course programmes and require documentation.

(i) To change from one course to another.

(ii) To substitute one subject for another.

(iii) A change in the method of completion of course, e.g. full-time to part-time.

(iv) Permission to include five first year subjects in Arts Degree course.

(v) Approval to withdraw from a subject or course.

(vi) Leave of absence from course.

(vii) Any other course change.

9. **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 Application, the subjects he will read for the year. Particular attention should be made to the inclusion of the Honours segments where these are taken.

10. **WITHDRAWAL FROM COURSE REGARDED AS FAILURE.**

Approval to withdraw from a course is not automatic. It should be noted that a student is regarded as having failed in a course if he enrols in it and does not pass the annual examinations—i.e. not sitting for the examination (unless withdrawal has been approved) is regarded as not passing the examination.

After the sixth Monday of Second Term a student will not be allowed to withdraw without penalty unless, in the opinion of the Dean of the Faculty, there is good reason why he should be permitted to do so.

**PAYMENT OF FEES**

**Completion of Enrolment.**

Enrolment is completed by the payment of fees.

Fees should be paid before or during the first two weeks of First Term. After that, a late fee is incurred (see below).

Fees will not be accepted after the 31st March except with the written approval of the Secretary, which will be given only in exceptional circumstances.

IT IS RECOMMENDED that wherever possible payment of fees be made through the post, by cheque, money order, or postal order.

Money orders should be made payable at Newcastle University Post Office. Payment in person may be made to the Cashier who is located opposite the Student Records Office in Building "A", Shortland Site. The cashier's ordinary hours of opening are as follows:—

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 office will be open for additional hours, which will be published on the notice boards.

**Payment of Fees by Term.**

A student may pay course fees by the term, in which case payment must be made within the first two weeks of each term.

**Scholarship Holders and Sponsored Students.**

The student whose fees are met from a scholarship or some other form of financial assistance is required to submit an authorised enrolment application together with a voucher or other documentary evidence from the sponsor accepting liability for his fees, together with payment of fees not included in such authority, to the Cashier by the due date. Where such documentary evidence is not available, the student is expected to make payment by the due date and to apply for a refund of fees paid when he is in a position to lodge such document.

**Extension of Time.**

The student who is unable to pay fees by the prescribed date may apply in writing to the Secretary for an extension of time. This application must state fully the reasons why fees cannot be paid and must be lodged before the date on which the late fee becomes payable.

**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 third week of Third Term.

In very special cases the Vice-Principal may grant exemption from the disqualification referred to in the two preceding paragraphs upon receipt of a written statement setting out all relevant circumstances.
DATES FOR PAYMENT OF FEES IN 1967.

First Term.
Fees due: Monday, 27th February to Friday, 10th March.
Late fee of $6 applicable: Monday, 13th March to Friday, 31st March.
Late fee of $10 applicable, if permission given by the Secretary for the enrolment to be accepted after 31st March.

Second Term.
Fees due: Monday, 5th June to Friday, 16th June.
Late fee of $6 applicable: Monday, 19th June to Friday, 30th June.
Late fee of $10 applicable, if permission given by the Secretary for fees to be accepted after 1st July.

Third Term.
Fees due: Monday, 4th September to Friday, 15th September.
Late fee of $6 applicable: Monday, 18th September to Friday, 22nd September.
Late fee of $10 applicable, if permission given by the Secretary for fees to be accepted after September 22nd.

EXTENSION OF TIME TO PAY FEES
A student whose written application for an extension of time in which to pay fees has been approved by the Secretary (see above) may be granted a maximum period of ONE MONTH after the closing date for payment of fees. The closing dates are :-

First Term: Friday, 10th March.
Second Term: Friday, 16th June.
Third Term: Friday, 15th September.

UNDERGRADUATE COURSE FEES
The fees quoted below are current at the time of publication and may be varied by the Council without notice.

It will be noted that the fee schedule applicable to students who enrolled for the first time in 1966 and in later years differs from that obtaining beforehand.

Full-time registered students in the Faculties of Arts, Economics and Commerce: $276 per annum.
Full-time registered students in all other Faculties: $330 per annum.
Part-time registered students in all Faculties: $165 per annum.

Notes (a) A full-time student is a student who enrols in more than half the subjects of a normal first year course and such a student remains classified as a full-time student except on the written approval of the Dean of his Faculty that he be reclassified as a part-time student — this re-classification would be exceptional.

(b) A part-time student is either one who enrols in half or less than half the subjects of a normal first year course or one who enrols in a part-time course. In subsequent years the enrolment as a part-time student requires the approval of the Dean of the Faculty.

‘Non-degree’ Students. (Fee under review).
‘Non-degree’ students, are those permitted to read one or more subjects in a first degree course without counting them as qualifying for a degree. Such students, whether enrolling for the first time or re-enrolling are required to pay a course fee of $90 p.a. for each subject.

Adjustment of Fees.
Should an application to withdraw from a course or subject be approved, an adjustment of fees may be made, relative to the date on which the application was submitted. Up to that date, fees accrue. 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, no refund will be made.

IN RESPECT OF APPLICATIONS TO WITHDRAW FROM A COURSE OR SUBJECT WHICH ARE RECEIVED IN THE EARLY PART OF FIRST TERM, THE UNIVERSITY RESERVES THE RIGHT NOT TO MAKE ANY REFUND OF MONEYS UNTIIL AFTER THE END OF THE SIXTH WEEK OF TERM.

EXAMINATIONS

General.
Examinations and other exercises may be held in any subject and at any time at the discretion of the lecturer or other competent authority, and the results of such examinations may be incorporated with those of the annual examinations in such subjects.

A student desiring to sit for an annual examination must lodge an application with the Secretary on the appropriate form by the prescribed date. The annual examinations take place in November-December for students in 30 week courses, and in September for students in 24
week courses. Time-tables showing time and place at which individual examinations will be held are posted on the central notice boards. Misreading of the time-table will not under any circumstances be an acceptable excuse for failure to attend an examination. Examination results are published in the daily Press. No results will be given by telephone.

Examination results may be reviewed for a fee of $6 a 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 necessary fee by the date notified in the Press publication.

In the assessment of a student's progress in University courses, consideration is given to work in laboratory and class exercises and to any term or other tests given throughout the year, as well as to the annual examination results.

Students should also note that an examiner may call them in after completion of the written papers in the annual examination 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 the one given on the Application for Admission to Examinations.

The prescribed dates by which applications to sit for examinations are to be lodged are:

(a) Annual examinations for 24-week courses—30th June.
(b) Annual examinations for 30-week courses—11th August.
(c) Annual examinations for other courses—14 weeks prior to date of first examination.

No student is eligible to attend the annual examination in any subject if any portion of fees due by the student is outstanding by the date of first examination. The Cashier is authorised to receive application forms during the three weeks immediately following the prescribed closing dates if they are accompanied by a late fee of $4. Applications submitted more than three weeks after the closing date will not be accepted except in very exceptional circumstances and with the approval of the Secretary. Where an application is not accepted the student concerned is not eligible to sit for the examination.

Special Examinations.

Special Examinations may be awarded under certain conditions. The relevant sections of the University's By-laws are set out below.

By-law 5.9.3

5. When a candidate is prevented by illness or by 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 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 to help resolve a doubt as to whether a student has reached the required standard in a subject.

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

(a) Candidates are required to obey any instruction given by a proctor 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.
(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 of the beginning of the examination.
(e) No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the time the examination begins.
(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, or 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 examinations.
(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.

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.

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 examination in that subject.

Ownership of Students' Work.

Unless other arrangements have been agreed on 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 course, 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.

Students desiring certification of documents for obtaining travel and other concessions should present such documents to the Student Records Section.

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 the Student Records Office of a change of address.

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.

PROGRESS IN THE COURSE AND EXAMINATION FAILURE

The University is vitally concerned to see that all students take full advantage of the opportunities that they receive as persons privileged to attend a University.

However, to assist those students who may be unsuited to University studies 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, certain By-laws have been enacted to give guidance to and deal with these students. They are:

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

3. The Admissions Committee, in considering a referral under subsection (c) of section 2, and after giving the student an opportunity to be heard, may determine:
   (a) that the student be excluded from a degree course or from the Faculty;
   (b) that the student shall be permitted to continue his course, subject to such conditions as the Admissions Committee may determine; or
   (c) that the case be referred to the Vice-Chancellor with the recommendation that the student be excluded from the University.

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

* See also 'Withdrawal from Course Regarded as Failure'—Page 24.

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 a 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.

UNIVERSITY SERVICES

CHAPLAINCY SERVICE

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

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

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

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

COUNSELLING SERVICE

The Counselling Service assists students, prospective and enrolled, in a variety of ways. Most students, whatever their academic achievements, at one time or another need help in dealing with difficulties which arise during the course of their University lives. Although a somewhat new service in Universities, its existence is justified by the fact that at this University about one third of all students utilise it. Whether or not students do use the counselling service is entirely a matter for their own decision.

Students who have problems about their choice of course, or a change in their career plans, students who are worried about inadequate study methods or who are perturbed by personal difficulties, by nervous states and anxiety are invited to arrange an appointment with a Student Counsellor.

On request the Counsellors will conduct courses for the improvement of reading skills and tests of ability and personality.

"Study at the Tertiary Level"—the Counselling Department has produced a booklet specifically for students of this University, and this will be on sale at a nominal cost early in 1967.

Student Counsellors—S. G. Alley, B.A.(Syd.), A.S.T.C., M.A.Ps.S. (Top floor of Main Building at Shortland).


Tighe's Hill: One of the Student Counsellors will be available for interviews in the Main Building (1st floor) on Thursday, 2 p.m.—8 p.m.

THE LIBRARY

The Library exists to acquire, preserve and make available for use books and other materials needed by the staff and students of the University. The Library will be housed ultimately, when the whole of the University has been transferred to the Shortland site, in a separate building being built next to the Union. Now, totalling approximately 110,000 volumes and made up of monographs, pamphlets, serials and microform sets, it is accommodated in temporary quarters at both Shortland and Tighe's Hill. Facilities for the reproduction of articles or sections of books are available as are microcard and microfilm readers.

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 pamphlet outlining the resources of the library and procedure for borrowing.
The Shortland Library occupies the lower two floors of the northern end of the Arts-Administration Building. Hours of opening are:

- **Monday — Friday**: 8.30 a.m. to 9.30 p.m. (long vacation excepted)
- **Saturday**: 9.30 a.m. to 12.30 p.m. (all vacations excepted)

**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 Tighes Hill library is located with the Technical College library on the first floor of the Clegg Building.

**Hours of opening are**:

- **Monday — Friday**: 9.00 a.m. to 9.30 p.m. (all vacations excepted)
- **Vacations**: 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 is closed on public holidays.

**TRAVEL CONCESSIONS**

The various transport authorities provide fare concessions for certain classes of students.

Application forms for these concessions may be obtained at the Students' Records Section, Main Building, Shortland.

**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 or remuneration.

**Note**: Income or remuneration includes allowances paid to Com­ombo Plan students, Public Service trainees, etc., but does not include allowances paid to holders of Commonwealth 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.

**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 100 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 is designed with this in view.

The training 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) An optional camp of two weeks in December.
(d) Five weekend bivouacs a year.
(e) 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.

As a member of the University of Newcastle Company you are eligible for the following benefits:

- An opportunity to reach commissioned rank in 2-3 years.
- Tax-free pay for all training undertaken.
- Travelling expenses refunded.
- 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. 612112.

**Officers and Staff.**

- **Officer Commanding**: Capt. J. G. Raymond
- **Second in Command**: Lt. J. G. Digby
- **Company Sergeant-Major**: WO2 N. G. Platts
- **Full-time Staff**: Sgt. K. B. Carmichael

**THE UNIVERSITY OF NEWCASTLE SPORTS UNION**

The Sports Union is the student organization 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 eighteen affiliated clubs:— Athletics, Badminton, Men's Basketball, Women's Basketball, Boat, Cricket, Golf, Women's Gymnastics, Men's Hockey, Women's Hockey, Women's Rowing, Rugby, Sailing, Ski-ing, Soccer, Squash, Tennis, Weightlifting, most of which participate in local competitions and send teams to Inter-Varsity contests each year. 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 your General Services Fec, to meet the cost of equipment, affiliation fees, Inter-Varsity trips, etc.

For outstanding individual performance in sport, the Sports Union awards "Blues" each year at the Annual "Blues" Dinner.
The number of constituent clubs is increasing continually, and you are urged to contact our Amenities Officer, Mr. Bradford, or one of the Executives for further information.

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 undergraduate members of the University must belong. Each year the governing body, known as the Students' Representative Council (SRC), is elected by the Association. Its functions are many and varied.

The SRC serves as the main liaison body between the students and the University and, as such, has a number of offices and committees in existence. Complaints and requests from members may be handled by the Library Office, the Welfare and Education Office or the Council as a whole. The committee with which most students come in contact is the Welfare and Education branch. Welfare work ranges over such topics as accommodation agencies, employment service (both vacation and other temporary work) and it is hoped that, in the near future, a health service will be established. Soon to come into operation is the second-hand book service. The Education branch conducts an education campaign (e.g. Newcastle seminars on education in 1966) and attempts, insofar as its resources allow, to study the local and national needs of education and participate in NUAUS activities in this regard.

The Papua-New Guinea committee is engaged in liaison work with a tertiary establishment in New Guinea and organises, on a local level, participants for work camps held in the territory over the long vacation.

One of the major ways in which the $6.00 membership fee is spent is in grants to affiliated clubs and societies, both of a cultural and social nature. To this end the Vice-President of the Association acts as Clubs and Societies Liaison Officer and, with his assistant, gives such assistance to affiliates within the competence of his office as they may from time to time require.

The SRC is also responsible for publishing the newspaper "OPUS" and the literary magazine "NIMROD" both of which will be seen around the campus at their time of publication.

The Association is a constituent member of the National Union of Australian University Students (NUAUS) and participates in conferences of this organisation and other activities such as the work camps, overseas student travel, education campaigns and the like.

Each year the SRC organises Autonomy Day—of this nothing need be said other than it is our equivalent of Commemoration or Foundation Day.

Every student is urged to take an active part in the functioning of the Association and enquiries may be made at the UNSA office, basement floor of the University Union.

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; the University Co-operative Bookshop and a Barber's Shop for men's and women's hairstyling. The offices of the Students' Representative Council, Sports Union 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.

BOARD OF MANAGEMENT—1966/67

Mr. J. R. Crittenden: President
Mr. D. T. Kennedy: Vice-President
Mr. L. W. Harris: Hon. Treasurer
Mr. I. H. S. Irwin: Secretary/Manager
Mr. C. B. Belcher
Mr. K. G. Booth
Mr. W. G. Derkenne
Dr. L. K. Dyall
Miss N. Gollan
Mr. B. C. Humphries
Mr. J. A. Lambert
Mr. D. L. Marchoni
Mr. A. A. Morris
Mr. J. A. Sara
Mr. T. J. Smith
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.

INFORMATION FOR NEW UNDERGRADUATES

Members of the Faculty realise that students entering the University for the first time may find some of the arrangements different from anything experienced hitherto. A lack of awareness of the general structure of the University and the functions of the various sections within it as well as the scope of the various activities is common. It is important for the student to make himself or herself familiar with the methods of organisation used in the University and the degree courses available. The University Calendar contains all the formal information about the by-laws and regulations governing courses and general organisation. Faculty Handbooks are available for providing information about degree and subject requirements. In some cases, for example Mathematics and Economics, it is possible for the subject to be taken for more than one degree. Hence students should be sure that they have selected the correct Faculty for the type of studies they wish to undertake.

At the outset the student should become familiar with the general structure of the degree courses offered in the Faculty. Most first-year subjects are laid down regardless of the specialisation to which the student is inclined on matriculation. However, difficulties can arise should a student attempt a combination of subjects which does not allow for an efficient progression in a degree course. This is of particular importance for part-time students; Accounting I is a general pre-requisite for all subsequent Accounting subjects and Economics I a general pre-requisite for all Economics subjects. Moreover, the choice of subjects has to meet the requirements of the Bachelor of Commerce degree regulations which are listed in a subsequent section.

For part-time students the significant feature of the degree regulations is the schedule showing the subjects to be attempted each year. It is clear that this outline of subjects for the part-time student represents the appropriate study load for a person having employment during the day. It would be foolish for a student to attempt more subjects during the year even where time to attend lectures during the day is granted by employers. Students enrolling in subjects and then finding the demands of their employment too much have to have special permission to withdraw from a subject if it is not to be recorded as a failure. The granting of this permission is not automatic. Where students feel that their time does not permit a full subject load for a year then it may be advisable to limit to a small number of subjects.

Students requiring advice should seek help from members of the Faculty or the Senior Student Counsellor, Mr. S. G. Alley. Inquiries about enrolment procedures should be directed to the Sub-Dean, Mr. D. J. McKee.

PROVISIONAL ENTRY TO THE FACULTY

Some candidates are not able to enter the Faculty of Economics and Commerce because they have not obtained a pass at the Leaving Certificate in Mathematics I, Mathematics II or Mathematics III. In some cases it is still possible to obtain provisional entry to the Faculty despite this lack. The basis of selection for this concession is the general standard of performance in the Leaving Certificate examination. Candidates seeking provisional entry to the Faculty under this arrangement should consult initially the Dean of the Faculty; an appointment can be arranged through the Graduate Assistant, Mrs. E. M. Sheehan.
THE DEGREE OF BACHELOR OF COMMERCE

Candidates for the degree of Bachelor of Commerce may elect to specialise in either Accounting or Economics. The choice of specialisation is normally made at the end of the first year of full-time or part-time study though there is limited provision for changes to be made at a more advanced stage in courses. There is a greater choice of subjects within the Economics specialisation though all students should take care in choosing the subjects which are shown as electives or general options. The nature of some subjects calls for a greater amount of class work and preparation than others. Hence the choice should be based upon the student's interests and the activities to be engaged in after graduation. Students would be advised to attempt Mathematics I where they anticipate proceeding to an honours degree in Economics. A foreign language may be advantageous for students who anticipate proceeding to postgraduate work.

All candidates who have the opportunity should consider proceeding to the honours degree. Apart from the more advanced study of the subject the honours student has more training in independent investigation. Honours degrees provide the best basis for postgraduate work and have recognised advantages for subsequent employment as well as for research activity. Acceptance of candidates for the honours degree is made at the commencement of the academic year immediately following the successful completion of Accounting I or Economics I. A credit pass at the first year examinations is not essential for entry into honours. Students having only passes recorded in the first year should consult the Head of the Department concerned or the members of staff responsible for the first or second year work.

In the conditions for the award of the B.Com. degree listed below a full range of the subjects possible within the two specialisations is shown. However, not all these subjects are available each year.

During 1967 the following subjects will be available as options.

ECONOMICS OPTION I
Labour Economics.
Commercial Law I or II.
Accounting II.

ECONOMICS OPTION II AND III
Seminars in Economic Theory and Problems.
Econometrics.
Production.
Labour Economics.

GENERAL OPTION
Whether specialising in Accounting or Economics the course must include one subject chosen as a General Option from those offered within the University, in accordance with Regulation 6 (a) of the Regulations for the Degree of Bachelor of Commerce (see page 41). Attention is directed to the subjects of Computer Applications (see page 53) and Production (see page 58) each of which is among the optional subjects available within the Faculty of Economics and Commerce.

The Faculty will not offer the following subjects during the 1967 academic year:
Constitutional Law.
History of Economic Thought (except as part of Economics IV).
Mathematical Economics I and II.
Statistical Analysis I and II.
Elementary Mathematical Economics.
Mathematics for Commerce.

REGULATIONS FOR THE DEGREE OF BACHELOR OF COMMERCE

1. A candidate for the degree of Bachelor of Commerce is required to select his course from those contained in the Appendix, provided that the various subjects are being offered in the given year.

2. A candidate desiring admission to an Honours course should apply to the Head of the appropriate Department at the commencement of the academic year immediately following the successful completion of Accounting I or Economics I. Candidates who do not apply at this time may nevertheless be admitted to an Honours course. In these circumstances the Head of the appropriate Department may require such candidates to reach a satisfactory standard in such supplementary work as may be determined.

3. In order to qualify for admission to the degree of Bachelor of Commerce at Pass or Honours standard, a candidate must attend the classes, tutorials and seminars, complete assignments and satisfy the examiners in the subjects listed in one of the courses contained below.

4. Progression in the courses is by subject except that:
(a) a candidate for the degree with Honours may not proceed to an Honours year subject unless all the requirements laid down for the preceding years have been met;
(b) a candidate in a part-time course may not take concurrently subjects from more than two stages of the course without the permission of the Dean of the Faculty of Economics and Commerce.

5. (a) Accounting I is a general pre-requisite for all other Accounting subjects.
(b) Economics I is a general pre-requisite for all other Economics and Statistics subjects.
(c) Other subject pre-requisites are as follows:

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>PRE-REQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics III</td>
<td>Economics II</td>
</tr>
<tr>
<td>Economic Fluctuations and Growth</td>
<td>Economics II</td>
</tr>
<tr>
<td>Economics Options II and III</td>
<td>Mathematics I or Mathematics II or Mathematics for Commerce</td>
</tr>
<tr>
<td>Statistical Analysis I</td>
<td>Statistical Analysis I</td>
</tr>
<tr>
<td>Statistical Analysis II</td>
<td>Mathematical Economics I</td>
</tr>
<tr>
<td>Mathematical Economics I</td>
<td>Mathematics I or Mathematics for Commerce</td>
</tr>
<tr>
<td>Mathematical Economics II</td>
<td>Mathematical Economics I</td>
</tr>
<tr>
<td>Accounting IV</td>
<td>Accounting II</td>
</tr>
<tr>
<td>Commercial Law II</td>
<td>Commercial Law I</td>
</tr>
<tr>
<td>(d) Candidates are required to take in the same year or an earlier year certain co-requisite subjects listed below:—</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>CO-REQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statistical Analysis I</td>
<td>Mathematics II or Pure Mathematics II or Theory of Statistics</td>
</tr>
<tr>
<td>Mathematical Economics I</td>
<td>Mathematics II or Pure Mathematics II*</td>
</tr>
<tr>
<td>History of Economic Thought</td>
<td>Economic Fluctuations and Growth</td>
</tr>
<tr>
<td>Seminars in Economic Theory and Problems</td>
<td>Economics III</td>
</tr>
</tbody>
</table>

* Co-requisite not applicable where undergraduate has taken Mathematics for Commerce.
(e) The conditions on pre-requisites and co-requisites may be relaxed only with the approval of the Faculty of Economics and Commerce.

6. (a) The subject chosen as the General Option shall be approved by the Head of the Department in which the candidate is specialising for the degree of Bachelor of Commerce.

(b) A candidate may, with the permission of the Dean of the Faculty of Economics and Commerce, substitute another subject for Logic and Scientific Method.

7. Commerce Statistics and Statistical Analysis I may not both be taken to qualify for the degree of Bachelor of Commerce.

8. (a) The subjects from which the Economics Options may be selected are as follows:

**ECONOMICS OPTION I**

One of:
- Mathematical Economics I
- Labour Economics
- Commercial Law I or II
- Accounting II
- Elementary Mathematical Economics
- Constitutional Law

**ECONOMICS OPTIONS II AND III**

Two of:
- Industry Economics
- History of Economic Thought
- Seminars in Economic Theory and Problems
- Mathematical Economics I and II
- Statistical Analysis II
- Econometrics
- Production
- Elementary Mathematical Economics
- Labour Economics

(b) All of the subjects listed under the preceding section 8. (a) may not necessarily be offered in any one year.

**APPENDIX TO THE REGULATIONS FOR THE DEGREE OF BACHELOR OF COMMERCE**

**BACHELOR OF COMMERCE WITH HONOURS IN ECONOMICS**

*(Full Time)*

**FIRST YEAR**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours per Week</th>
</tr>
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<tbody>
<tr>
<td>Economics I</td>
<td>4</td>
</tr>
<tr>
<td>(1) Microeconomics</td>
<td></td>
</tr>
<tr>
<td>(2) Elementary Economic Statistics</td>
<td></td>
</tr>
<tr>
<td>Accounting I</td>
<td>4</td>
</tr>
<tr>
<td>Logic and Scientific Method</td>
<td>2</td>
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**SECOND YEAR**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours per Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commerce Statistics OR Statistical Analysis I</td>
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</tr>
<tr>
<td>Economics II (Macroeconomics)</td>
<td>4</td>
</tr>
<tr>
<td>Economics Option I</td>
<td>2/3</td>
</tr>
<tr>
<td>Money, Credit and Financial Institutions</td>
<td>2</td>
</tr>
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</table>

**THIRD YEAR**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours per Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics III</td>
<td></td>
</tr>
<tr>
<td>(1) International Economics</td>
<td>2</td>
</tr>
<tr>
<td>(2) Public Economics</td>
<td></td>
</tr>
<tr>
<td>Economic Fluctuations and Growth</td>
<td>2</td>
</tr>
<tr>
<td>Economics Option II</td>
<td>2</td>
</tr>
<tr>
<td>Economics Option III</td>
<td>2/3</td>
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<tr>
<td>General Option</td>
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<tr>
<td>Additional Honours Work</td>
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**FOURTH YEAR**

<table>
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<tr>
<th>Subject</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Economics IV</td>
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<tr>
<td>(1) Advanced Economic Analysis</td>
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<td>(2) Thesis</td>
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</table>

**BACHELOR OF COMMERCE WITH HONOURS IN ACCOUNTING**

*(Full Time)*

**FIRST YEAR**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours per Week</th>
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</thead>
<tbody>
<tr>
<td>Accounting I</td>
<td>4</td>
</tr>
<tr>
<td>Logic and Scientific Method</td>
<td>2</td>
</tr>
<tr>
<td>Commercial Law I</td>
<td>3</td>
</tr>
<tr>
<td>Economics I</td>
<td>4</td>
</tr>
<tr>
<td>(1) Microeconomics</td>
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</tr>
<tr>
<td>(2) Elementary Economic Statistics</td>
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**SECOND YEAR**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Accounting II</td>
<td></td>
</tr>
<tr>
<td>Economics II (Macroeconomics)</td>
<td>3</td>
</tr>
<tr>
<td>Commercial Law II</td>
<td>2</td>
</tr>
<tr>
<td>Commerce Statistics</td>
<td>2</td>
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<tr>
<td>Taxation</td>
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<tr>
<td>Accounting Seminar I</td>
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**THIRD YEAR**

<table>
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<th>Subject</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Accounting Seminar II</td>
<td>2</td>
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<tr>
<td>Accounting III</td>
<td>4</td>
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<tr>
<td>Accounting IV</td>
<td>4</td>
</tr>
<tr>
<td>Economics III</td>
<td>3</td>
</tr>
<tr>
<td>(1) International Economics</td>
<td></td>
</tr>
<tr>
<td>(2) Public Economics</td>
<td></td>
</tr>
<tr>
<td>Auditing and Internal Control</td>
<td>2</td>
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<tr>
<td>Business Finance</td>
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<tr>
<td>General Option</td>
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**FOURTH YEAR**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Accounting Seminar III</td>
<td>8</td>
</tr>
<tr>
<td>Thesis</td>
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</tr>
<tr>
<td>The thesis should normally be submitted by the first day of the third term of the final year.</td>
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</tr>
</tbody>
</table>
BACHELOR OF COMMERCE IN ECONOMICS
(Full Time)

FIRST YEAR

Hours per Week

Economics I 4
(1) Microeconomics
(2) Elementary Economic Statistics
Accounting I 4
Logic and Scientific Method 2
One of
- Mathematics I
- Psychology I
- Mathematics for Commerce
- History I
- Geography I
- Constitutional Law
- Commercial Law I
- Elementary Mathematical Economics

SECOND YEAR

Commerce Statistics OR
Statistical Analysis I 2
Economics II (Macroeconomics) 3
Economics Option I 2/3
Money, Credit and Financial Institutions 2

THIRD YEAR

Economics III 3
(1) International Economics
(2) Public Economics
Economic Fluctuations and Growth 2
Economics Option II 2
Economics Option III 2/3
General Option 2
Thesis

BACHELOR OF COMMERCE WITH HONOURS IN ECONOMICS
(Part Time)

STAGE I

Economics I 4
(1) Microeconomics
(2) Elementary Economic Statistics
Accounting I 4
Logic and Scientific Method 2
One of
- Mathematics I
- Psychology I
- Mathematics for Commerce
- History I
- Geography I
- Constitutional Law
- Commercial Law I
- Elementary Mathematical Economics

STAGE II

Commerce Statistics OR
Statistical Analysis I 2
Economics II (Macroeconomics) 3
Economics Option I 2/3

STAGE III

Logic and Scientific Method OR
Statistical Analysis I 2
Economics III 3
(1) International Economics
(2) Public Economics
Economics Option I 2/3
Additional Honours Work 1

STAGE IV

Economic Fluctuations and Growth 2
Money, Credit and Financial Institutions 2
Economics Option II 2

STAGE V

Economics Option III 2/3
General Option 2

STAGE VI

Economics IV 8
(1) Advanced Economic Analysis
(2) Thesis
The thesis may be submitted in the year subsequent to attempting Advanced Economic Analysis.
**BACHELOR OF COMMERCE WITH HONOURS IN ACCOUNTING**  
*(Part Time)*

### STAGE I
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Accounting I</td>
<td>4</td>
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<tr>
<td>Economics I</td>
<td>4</td>
</tr>
<tr>
<td>(1) Microeconomics</td>
<td></td>
</tr>
<tr>
<td>(2) Elementary Economic Statistics</td>
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### STAGE II
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours per Week</th>
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<tbody>
<tr>
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<td>Accounting II</td>
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<td>Commercial Law I</td>
<td>3</td>
</tr>
<tr>
<td>Accounting Seminar I</td>
<td>2</td>
</tr>
<tr>
<td>Accounting III</td>
<td>4</td>
</tr>
<tr>
<td>Economics II (Macroeconomics)</td>
<td>3</td>
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<tr>
<td>Logic and Scientific Method</td>
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<td>Additional Honours Work</td>
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### STAGE III
<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Commercial Law II</td>
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</tr>
<tr>
<td>Taxation</td>
<td>2</td>
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<td>Economics III</td>
<td>3</td>
</tr>
<tr>
<td>(1) International Economics</td>
<td></td>
</tr>
<tr>
<td>Business Finance</td>
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<td>Additional Honours Work</td>
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### STAGE IV
<table>
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<tbody>
<tr>
<td>Accounting Seminar II</td>
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</tr>
<tr>
<td>Accounting IV</td>
<td>4</td>
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<tr>
<td>Auditing and Internal Control</td>
<td>2</td>
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<tr>
<td>General Option</td>
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<tr>
<td>Accounting III</td>
<td>8</td>
</tr>
<tr>
<td>Thesis</td>
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</tbody>
</table>

Part-time students may be advised to undertake Accounting Seminar III during a period of two successive years. The thesis may be required in the year subsequent to commencing Accounting Seminar III. The thesis should normally be submitted by the first day of the third term of the final year.

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**BACHELOR OF COMMERCE IN ECONOMICS**  
*(Part Time)*

### STAGE I
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Economics I</td>
<td>4</td>
</tr>
<tr>
<td>(1) Microeconomics</td>
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<td>(2) Elementary Economic Statistics</td>
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### STAGE II
<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
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<td>Accounting II</td>
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<td>Commercial Law I</td>
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<tr>
<td>Auditing and Internal Control</td>
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<td>Accounting III</td>
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**BACHELOR OF COMMERCE IN ACCOUNTING**  
*(Part Time)*

### STAGE I
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<tr>
<td>Accounting I</td>
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<td>Economics I</td>
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<td>(1) Microeconomics</td>
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### STAGE II
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<td>Auditing and Internal Control</td>
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**BACHELOR OF COMMERCE IN ACCOUNTING**  
*(Part Time)*

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<tr>
<td>(2) Elementary Economic Statistics</td>
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### STAGE II
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<td>Commercial Law I</td>
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<td>Auditing and Internal Control</td>
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<td>General Option</td>
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<td>Accounting III</td>
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**BACHELOR OF COMMERCE IN ACCOUNTING**  
*(Part Time)*

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### STAGE II
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<tr>
<td>Commerce Statistics</td>
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<td>Thesis</td>
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</table>
SUBJECT OUTLINES AND READING LISTS

(A) DEPARTMENT OF ECONOMICS

MICROECONOMICS

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

READING LIST

Books Recommended for Purchase

- J. S. Bain—Price Theory (John Wiley and Sons).

and in addition


Other Recommended Books

- M. Friedman—Price Theory—A Provisional Text (Aldine Press).


ELEMENTARY ECONOMIC STATISTICS

The theoretical content of this course is an introduction to some topics which are not only interesting in themselves but which serve as a basis from which more advanced courses (such as Commerce Statistics) are developed.

The theoretical content includes an introduction to the elementary calculus of algebraic functions, the notions of sample and population, the notions of statistic and parameter, the concept of expectation, the mean and variance (in terms of expectation) of any discrete distribution, simple linear regression and correlation.

The applied aspects of the course will include price and quantity index numbers, and seasonal variations in economic phenomena.

READING LIST


ELEMENTARY MATHEMATICAL ECONOMICS

This course deals with the application of some elementary mathematical techniques to economic theory.

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READING LIST

D. Huang—Introduction to the Use of Mathematics in Economic Analysis.
G. Tintner—Mathematics and Statistics for Economics (Holt, Rinehart and Winston).
J. Parry Lewis—An Introduction to Mathematics for Students of Economics (Macmillan).
C. V. Durell and A. Robson—Elementary Calculus, Volume I (Bell).

MACROECONOMICS

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

Techniques of measuring various significant aggregates are discussed in the section on National Income Accounting.

Text Books

- M. G. Mueller—Readings in Macroeconomics.

Recommended Reading

- J. Duesenberry—Business Cycles and Economic Growth.

MONEY, CREDIT AND FINANCIAL INSTITUTIONS

This course is aimed at a technical appreciation of the mechanisms and significance of financial and banking institutions and governmental monetary policies in Australia, the U.S.A. and the U.K.

The analysis falls into three parts. The first concerns the financial and banking institutions of the three selected economies emphasizing institutional differences and their effect upon monetary techniques. The main international financial institutions, I.M.F., L.B.R.D., and B.I.S. are also reviewed.
The second part deals with the theory of money and monetary macro-economics. It considers such topics as the demand for money, interest rates and quantity of money in their Classical, Keynesian and post-Keynesian treatment.

The third part deals with monetary policy in theory and with specific reference to the post-war experience of Australia, the U.S.A. and U.K. Problems of the international payments system are briefly reviewed in their relation to the I.M.F.

**READING LIST**


J. Aschheim—*Techniques of Monetary Control* (John Hopkins).

H. W. Arndt—*The Australian Trading Banks* (Cheshire).

R. S. Sayers—*Modern Banking* (Oxford).


**COMMERCE STATISTICS**

This course is essentially one in applied statistics. However, the theoretical background is also covered in a fairly rigorous fashion. The content of the course is as follows—

- A brief outline of some aspects of the philosophy of science: operationalism and meaningfulness, the validity of the notion of “proof,” statistical inference.
- The algebra of sets and elementary probability.
- Concepts of a random variable, probability function and cumulative distribution.
- A fuller treatment of the concept of expectation, the mean and variance of continuous distributions, moment-generating functions.
- Unbiased estimates.
- The Binomial, Poisson and Normal Distributions.
- Elementary sampling theory: random sampling, distribution of a sample mean, and stratification problems.
- The $X^2$, $t$ and $F$, distributions.
- Tests of hypotheses: significance levels, confidence regions, large and small sample methods.
- Goodness of fit, contingency tables.
- Statistical decision-making.
- Multiple linear regression, partial and multiple correlation, rank correlation.

**READING LIST**

To be announced later.

**ECONOMETRICS**

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, the two variable linear model and extensions of it, errors in variables, autocorrelation, an introduction to the theory of games and simple linear programming.

**Text Book**


**Recommended Reading**


For students who are unfamiliar with matrix algebra (1), (2) and (3) will provide them with good introductions to the topic. For those who are unfamiliar with the theory of games and linear programming, a good treatment may be found in (5); after that, further information on, and applications of linear programming may be found in (6).

**PUBLIC ECONOMICS**

Public economics is a study of government intervention in the economy through the budget. It is generally concerned therefore with taxes and with government expenditure. Students are given an introduction to the meanings and application of the incidence of government spending as a basis for rigorous analytical study. This is followed by partial equilibrium analysis of such taxes as company taxation and sales tax and of rebates, such as depreciation and investment allowances. The impact of existing taxes upon enterprise, saving and work effort is examined. There is a discussion of other possible tax methods, notably the expenditure tax and the capital gains tax.

The relation between the budget and full employment is then examined at length. Topics covered include the notion of capacity to pay taxes, the multiplier impact of balanced budgets, the use of indirect and direct taxes to cut inflationary gaps, and the use of government expenditure programmes to curb structural unemployment. Finally, the role of public finance in economic growth is investigated. Earlier contributions, in particular those of Ricardo and Wicksell, are used as an introduction. Further work develops upon some theorems of economic growth and forms of the production function.

**READING LIST**


L. Johansen—*Public Economics* (Rand McNally).


INTERNATIONAL ECONOMICS

This course consists of three sections. The first deals with balance of payments analysis and policy, and examines the international trade multiplier, fixed and variable exchange rates and direct controls. The second reviews the "pure" theory of international trade and then studies certain theoretical and applied problems, such as protection and foreign investment, with special reference to Australia. The third section is concerned with a description and assessment of some international institutions and a discussion of major problems of the world trade and payments system.

READING LIST

C. P. Kindleberger—International Economics (Irwin).
P. T. Ellsworth—The International Economy (Collier-Macmillan) paperback.
W. M. Scammell—International Monetary Policy (Macmillan).
J. E. Meade The Balance of Payments (Oxford U.P.)
L. B. Yeager—International Monetary Relations (Harper).
F. Machlup—International Monetary Economics (Allen and Unwin Paperback).

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, Asia, the Middle East and Europe.

READING LIST

S. Enke—Economics for Development (Prentice-Hall).

HISTORY OF ECONOMIC THOUGHT

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.

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(B) DEPARTMENT OF COMMERCE

ACCOUNTING I
This subject covers the basic recording and classification of business transactions and the preparation of profit and loss statements and balance sheets for sole traders, partnerships, limited liability companies and non-trading concerns; an introduction to the theory of accounting; the analysis and interpretation of accounting statements; an introduction to managerial accounting including an elementary discussion of budgeting and other accounting tools used by management in performance evaluation and decision making.

Preliminary Reading
L. Goldberg—An Outline of Accounting (Law Book Co.)
R. J. Chambers—Accounting and Action (Law Book Co.)

Text Books
Accountancy Exercises—First Year (Revised Edition) (University of Melbourne).

Reference Books
J. Allan—Speaking of Computers (Institute of Chartered Accountants in Scotland).
S. Gilman—Accounting Concepts of Profit (Ronald Press).
W. T. Baxter and S. Davidson (eds.)—Studies in Accounting Theory (Law Book Co.).
R. L. Mathews—Accounting for Economists (Cheshire).

ACCOUNTING II
First year work on the measurement of periodic profit is extended to cover industrial and large-scale merchandising situations.

Industrial accounting covers materials, labour and expense accounting; job and process cost records; the integration of cost and financial records and the preparation of manufacturing statements.

Merchandise accounting includes departmental and branch accounting, consignments and joint ventures with particular reference to the control and valuation of inventories. The voucher register and accounting for discounts are also covered.

Text Books
ACCOUNTING IV

Cost and management accounting with special emphasis on planning and control through the use of budgets, standards, variance analysis and performance reporting. Traditional and modern concepts of "cost"; inventory costing and income determination; wage incentive formulae; direct costing; differential costs; capital expenditure analysis; non-manufacturing costs.

Text Books
G. Shillinglaw—Cost Accounting—Analysis and Control (Irwin).

Reference Books
C. Gillespie—Standard and Direct Costing (Prentice Hall).
C. L. Moore and R. K. Jaedicke—Managerial Accounting (South Western).
M. Schiff and Benniger—Cost Accounting (2nd Ed., Ronald).
W. E. Thomas (Ed.)—Readings in Cost Accounting, Budgeting and Control (2nd Ed., South Western).

AUDITING AND INTERNAL CONTROL

This subject covers basic auditing concepts, auditing principles and procedures and methods of investigation. Attention is given to trends and developments in the profession and to modern techniques applied to testing and sampling and to mechanically and electronically processed accounting material. Company audits are dealt with at length and statute and case law affecting auditors are examined.

The course also deals with the nature, scope and auditing significance of internal control, internal control procedures, internal check and internal audit.

W. A. Paton—Corporate Profits (Irwin).
J. H. Myers—Reporting of Leases in Financial Statements (A.I.C.P.A. Research Study No. 7).
Accountancy Exercises Advanced (Revised Edition) (University of Melbourne).
Statements on Accounting Principles and Recommendations on Accounting Practice (The Institute of Chartered Accountants in Australia, April, 1964).

Reference Books
Davidson, Green and Sorter—An Income Approach to Accounting Theory (Prentice Hall).
R. Beyer—Profitably Accounting for Planning and Control (Ronald Press).

ACCOUNTING III

The major area of study in this subject is company accounting. Topics covered include the formation, reconstruction and amalgamation of companies; take-overs; the operation of holding and subsidiary companies; the valuation of shares and goodwill; and the published reports of corporations.

Accounting Exercises—Advanced (Revised Edition) (University of Melbourne).
Accountancy Exercises Advanced (Revised Edition) (University of Melbourne).
Reporting the Financial Effects of Price Level Changes (American Institute of Certified Public Accountants, Research Study No. 6).
L. Goldberg (Ed.)—Fitzgerald's Accounting (5th Edition) (Butterworth and Co.).

Reference Books
M. Moonitz and A. C. Littleten—Significant Accounting Essays (Prentice Hall).
American Institute of C.P.A.'s—Accounting Research Studies.
N. M. Bedford—Income Determination Theory: An Accounting Framework (Addison-Wesley).
L. Goldberg—Concepts of Depreciation (Law Book Co.).
C. H. Griffin, T. H. Williams and G. A. Welsch—Advanced Accounting (Irwin).
W. A. Paton—Corporate Profits (Irwin).
Text Books
J. C. Ray (Ed.)—*Independent Auditing Standards* (Holt, Rinehart and Winston).

Reference Books
F. E. Moore and H. F. Stettler—*Accounting Systems for Management Control* (Irwin).
R. A. Irish—*Auditing* (Law Book Co.).
W. B. Meigs—*Principles of Auditing* (Irwin).
J. T. Johnson and J. H. Brasseaux—*Readings in Auditing* (South Western).

BUSINESS FINANCE
This subject is concerned with the question of funds, their deployment and control and the disposition of earnings. It deals with short and long term finance from external sources and financing from retained earnings. Attention is given to the problems of raising capital, the control of funds once obtained and the factors to be considered in determining reserve and dividend policies.

The theoretical and practical aspects of capital budgeting, rate of return and cost of capital are also discussed. Alternative sources of funds such as sale and lease-back, factoring and hire purchase are examined from the viewpoint of financial policy.

Preliminary Reading

Text Books

Reference Books
Bennett, Grant and Parker—*Topics in Business Finance and Accounting* (Cheshire).
Bierman and Smidt—*The Capital Budgeting Decision* (Macmillan, NY).
H. F. Craig—*Australian Case Studies in Business Administration* (Law Book Co.).

PRODUCTION
This is an optional subject which is designed to give students an insight into major areas of production organisation such as product selection and change; standardisation; production forecasting, planning and control; inventory control; maintenance organisation; distribution and warehousing; compensation of labour and personnel evaluation.

Preliminary Reading
A. W. Willsmore—*Modern Production Control* (Pitman).

Text Books
J. F. Magee—*Production Planning and Inventory Control* (McGraw-Hill).

TAXATION
The major part of this course is concerned with a detailed study of the Income Tax Assessment Act. Topics include the determination of income; allowable deductions, both general and specific; the assessment of special forms of income and of different classes of taxpayer and the machinery provisions of income tax collection. There are also lectures dealing with sales tax and with the international agreements on taxation.

Text Books

Reference Books
ACCOUNTING SEMINAR I

Each student is required to undertake research into particular aspects of accounting to be chosen from, for example, valuation problems in accounting, depreciation, direct costing, company financial statements, etc., and to present his findings in the form of a research essay.

Text Books
No text books are prescribed for this course but each student will be referred to material relevant to his research.

ACCOUNTING SEMINAR II

The theory and measurement of business income.

Text Books

Reporting of Leases in Financial Statements (American Institute of Certified Public Accountants, Research Study No. 4).

Reporting the Financial Effects of Price-Level Changes (American Institute of Certified Public Accountants, Research Study No. 6).

Reference Books
P. Hansen—The Accounting Concept of Profit (North Holland Publishing Company).
W. T. Baxter and S. Davidson (Eds.)—Studies in Accounting Theory (Sweet and Maxwell).

ACCOUNTING SEMINAR III

Selected topics in financial and management accounting and contemporary accounting problems; organisation and management theory, quantitative analysis.

Text Books
M. Backer (Ed.)—Modern Accounting Theory (Prentice Hall).
P. Garner and K. B. Berg (Eds.)—Readings in Accounting Theory (Houghton Mifflin).
W. A. Paton and A. C. Littleton—An Introduction to Corporate Accounting Standards (American Accounting Association).


Reference Books
P. F. Drucker—The Practice of Management (Heinemann).
J. L. Massie—Essentials of Management (Prentice Hall).
P. F. Drucker—Managing for Results (Heinemann).
Haire Mason (Ed.)—Modern Organisation Theory (Wiley and Sons).
W. W. Haynes—Managerial Economic Analysis and Cases (Dorsey Press).
G. Shillinglaw—Cost Accounting, Analysis and Control (Irwin).
E. D. Bennett—Cost Administration: Cases and Notes (Prentice Hall).
R. Mattessich—Accounting and Analytical Methods (Irwin).
A. C. Steory—Budget Control and Cost Behavior (Prentice Hall).
W. T. Baxter (Ed.)—Studies in Accounting (Law Book Co. of Aust.).
S. Garner—Evolution of Cost Accounting to 1925 (University of Alabama Press).
A. C. Littleton—Essays on Accountancy (University of Illinois Press).
A. C. Littleton and B. S. Yamey—Studies in the History of Accounting (Sweet and Maxwell).
N. A. Stacey—English Accountancy 1800 to 1954 (Gee).


R. W. Campbell—Accounting in Soviet Planning and Management (Harvard University Press).


American Institute of Certified Public Accountants: Professional Accounting in 25 countries.


A. A. Fitzgerald—Current Accounting Trends (Butterworth).

A. C. Littleton—Structure of Accounting Theory (American Accounting Assn.).


U.N., Dept. of Economic Affairs, Government Accounting and Budget Execution.

H. Norris—Accounting Theory (Pitman).

W. J. Campbell—Australian State Public Finance (Law Book Co.).

Proceedings of 6th International Congress on Accounting.

Institute of Chartered Accountants in England and Wales—Recommendations on Accounting Principles.


S. Gilman—Accounting Concepts of Profit (Ronald).

K. L. Milne—The Accountant in Public Practice (Butterworth).


W. T. Baxter and S. Davidson (Eds.)—Studies in Accounting Theory (Sweet and Maxwell).

K. A. Middleton—The Economics of Capital Expenditure (Australian Society of Accountants).


American Institute of Accountants—Accounting Research Studies.

T. R. Johnston and M. O. Jager—Law and Practice of Company Accounting in Australia (Butterworth).

W. A. Paton—Accounting Theory (Accounting Studies Press Ltd.).

D. M. Purdie—Local Government Accounting in Victoria (The Law Book Company).

M. Moonitz and A. C. Littleton—Significant Accounting Essays (Prentice Hall).

D. R. Ladd—Contemporary Corporate Accounting and the Public (Irwin).

Davidson, Green, Horngren and Sorter—An Income Approach to Accounting Theory (Prentice Hall).

E. S. Hendriksen—Accounting Theory (Irwin).


M. E. Murphy—Advanced Public Accounting Practice (Irwin).

J. L. Carey—The C.P.A. Plans for the Future (A.I.C.P.A.)

COMMERCIAL LAW I

This subject provides a general introduction to the Australian legal system including an examination of the principal sources of English law in New South Wales—custom, common law, equity, judicial decisions and legislation.

Particular topics covered include the general law of contract; sale of goods; hire purchase; agency; partnership; guarantee and suretyship; property including classification and disposition of property, liens, bailment and bills of sale; negotiable instruments; insurance; commercial arbitration; succession and trusts.

Text Books


Thomas—Leading Cases in Contract (Nutshell Series, Sweet and Maxwell).

Worrall—Leading Cases in Succession (Nutshell Series, Sweet and Maxwell).

R. S. Sim and D. M. M. Scott—"A" Level English Law (Butterworth) (1964).

Statutes


Hire Purchase Act (N.S.W.) 1960 (N.S.W. Government Printer).

Partnership Act (N.S.W.) 1892 (N.S.W. Commonwealth Government Printer).

Reference Books

Baalman—Outline of Law in Australia (2nd Ed., Law Book Company).
Lane—Australian Constitutional Law (Law Book Company).
Williams—Learning the Law (7th Ed., Stevens).

Dickinson—Bills of Exchange, Cheques and Promissory Notes (Butterworth).
Higgins—The Law of Partnership in Australia and New Zealand (Law Book Company).
Woodman—Administration of Assets (Law Book Company).
Jacobs—Law of Trusts in N.S.W. (Butterworth).

COMMERCIAL LAW II

This subject deals with two major areas—bankruptcy law and company law. The section dealing with bankruptcy law includes an analysis of acts of bankruptcy; debts provable in bankruptcy; property available to creditors; avoidance of settlements and discharge of bankrupt persons.

The section dealing with company law includes a study of the Companies Act, 1961-1966 and general principles of company law. There is particular emphasis on the law relating to the formation and registration of companies; the memorandum and articles of association; the rights and consequence of membership; the duties and liabilities of directors; reconstruction and amalgamation; and liquidation.

Text Books

Gorna—Leading Cases in Company Law (Nutshell Series, Sweet and Maxwell).
R. S. Sim—Casebook on Company Law (Butterworth) (1965).
R. S. Sim—Australian Supplement to Casebook on Company Law (Butterworth) (1965).

Statutes

The Bankruptcy Act 1924 (as amended to date—Commonwealth Government Printer).

Reference Books

Hajek—Principles of Bankruptcy in Australia (University of Queensland Press).
Paterson and Ednie—Australian Company Law (Butterworth).
Topp and Jager—Guide to Australian Companies Act (Butterworth).
Wallace and Young—Australian Company Law and Practice (Law Book Company).
**LOGIC AND SCIENTIFIC METHOD**

This course, taken in conjunction with Philosophy I, constitutes one-half of the regular Philosophy I course. It is concerned with elementary formal logic, and is designed to introduce the student to a study of validity and invalidity in arguments, and thence to a study of the formal features of scientific method. Proof, verification and falsification, hypotheses, classification, definition, introduction and deduction, are topics in the latter part.

**GEOGRAPHY I**

A course of about 60 hours of lectures with associated tutorials, practical exercises and field work; a final examination of two papers each of three hours.

This course is planned as an introduction to the scope and content of Geography by surveying the differential character, world distribution and regional significance of the major landscape elements. It is prefaced by a brief account of the history and methods of the subject, and by a short course in map reading designed to equip the student with techniques basic to geographical study. The course reviews the various types of landform, climate, soil and natural vegetation, discusses the factors contributing to their differential character and considers their contribution to the regional variety of the world. An introduction to the field of human geography gives particular attention to the distribution and growth of population, the various forms and patterns of settlement and the nature of human occupations. The relationship of these factors with each other and with the physical landscape will be discussed and a study made of broad regional groupings throughout the world.

Four days of field excursions and practical exercises relating to all aspects of the course are an integral part of the course.

**HISTORY I**

An introductory survey of British and European history from the fifteenth century to the eighteenth century (British history, 1485-1688; European history, c. 1450-1714). In British history, the main emphasis will be upon constitutional developments although due attention will be paid to economic and social changes. Students will be expected to acquire a thorough knowledge of the significant statutes and documents of the period. On the European side, special attention will be given to the problem of the interpretation of the Renaissance and to the Reformation and Counter-Reformation and to such topics as the growth of capitalism, the rise of the Modern State, and the scientific and geographical discoveries.

**MATHEMATICS I**

A course of four lectures and two tutorial hours per week for three terms, covering the following topics: differential calculus, integral calculus, and their applications; special functions, differential equations; number systems, matrices and determinants; introduction to groups and rings; coordinate geometry in two and three dimensions; introduction to vectors and their applications.

From time to time, there is an option for students to take a course of more advanced lectures.

**MATHEMATICS II**

A course of four lectures per week for three terms, comprising twelve modules selected from Pure Mathematics II and Applied Mathematics II as follows:

1st Term—Modules C D Q R.
2nd Term—Modules G H U V.
3rd Term—Modules L M Y Z.

Part-time students may take Mathematics II in two parts, each of two lectures per week for three terms.

Mathematics II, Part 1 comprises Modules C, D, G, H, L, M.

**PSYCHOLOGY I**

This course introduces students to a study of topics recognised in general psychology and to a study of psychological methods of gathering reliable data.

The student is given a survey of the general scope of Psychology as related to human behaviour. The approach is based on a laboratory study of psychological data and methods. This introduction leads into a detailed survey of individual and environmental factors active in bringing about behaviour, and covers heredity, maturation and learning, differences in ability patterns, including intelligence, and some aspects of personality. Other topics will be concerned with the dynamic problems of motivation, emotion, conflict and adjustment, and will cover environmental factors.

How the person makes contact with his world leads to a study of his sensory and response mechanisms, and these and environmental factors are incorporated in a study of attention and perception. The cognitive processes dealing with sensory data are considered. Developmental and social psychology are introduced.

Psychological methods of gathering data are covered in some detail and include aspects of scientific method. Material using tests as instruments of measurement will be dealt with through results taken from the class and this data will serve as an introduction to elementary statistics—frequency distribution, measurement of central tendencies, variability correlation and differences between groups.

**PURE MATHEMATICS II**

A course of four lectures and one tutorial hour per week for three terms arranged on the following pattern:

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<td>Linear Algebra A</td>
<td>Analysis B</td>
<td>Calculus (several variables) C</td>
<td>Vector Calculus D</td>
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<td>Term 2</td>
<td>Linear Algebra E</td>
<td>Linear Algebra F</td>
<td>Differential Equations G</td>
<td>Complex Variable H</td>
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<td>Term 3</td>
<td>Differential Geometry J</td>
<td>Complex Variable K</td>
<td>Differential Equations L</td>
<td>Calculus M</td>
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ECONOMICS FOR THE BACHELOR OF ARTS DEGREE

The units in the Arts degree are arranged on a different basis from the B. Com. degree listed in preceding sections. However, the first year Economics I is common to both degrees. But this is not the case with Arts Economics II and Arts Economics III. Hence, undergraduates in the Faculty of Arts attempting stages II and III should state the title of their unit as, for example, Arts Economics II, to ensure correct identification.

The arrangements of the various Arts units in Economics are set out fully below. Students should then consult the subject outlines and reading lists in Section 8 (a) of this Handbook.

In 1963 revised courses were introduced for the Economics units in the Bachelor of Arts Degree. From the commencement of the 1965 academic year nearly all undergraduates will be taking the new units shown in Section I below.

However, those who passed Economics I or Economics II in 1962 or earlier years will be required to take the transition units Economics IIT or Economics IIIIT which are shown in Section II.

MAIN SUBJECTS

Economics I:
(a) Microeconomics.
(b) Elementary Economic Statistics.

Economics II:
(a) Macroeconomics, plus one of
(b) Commerce Statistics
   Statistical Analysis I
   Mathematical Economics I
   Elementary Mathematical Economics
   Money, Credit and Financial Institutions
   (Five hours of lectures and tutorials per week)
(c) Distinction Course: undergraduates proceeding to a degree with honours will be required to investigate more intensively the subjects listed above.

Economics III:
(a) Economic Fluctuations and Growth.
(b) Public Economics.
(c) International Economics.
   Except that an undergraduate may, with the permission of the Head of the Department of Economics, substitute Money, Credit and Financial Institutions, Statistical Analysis I, Mathematical Economics I, Commerce Statistics, Elementary Mathematical Economics, Econometrics or Labour Economics for one of the three subjects listed.
(d) Undergraduates proceeding to a degree with Honours, other than those attempting two Stage II Distinction units in the one year, are required to take an additional subject, approved by the Head of the Department of Economics, from Statistical Analysis I, Mathematical Economics I, History of Economic Thought, Industry Economics, Seminars in Economic Theory and Problems, Econometrics, or Labour Economics.
(e) Distinction Course: undergraduates proceeding to a degree with Honours will be required to investigate more intensively the subjects listed above.

Economics IV:
(a) Advanced Economic Analysis.
(b) Thesis.
   In 1967 the following subjects will not be offered by the Department of Economics:
   Elementary Mathematical Economics.
   Industry Economics (except as part of Advanced Economic Analysis).
   Mathematical Economics I.
   Statistical Analysis I.
   History of Economic Thought (except as part of Advanced Economic Analysis).

TRANSITION SUBJECTS

The transition subjects, Economics IIT and Economics IIIIT, are available only to those undergraduates who passed Economics I or Economics II before the beginning of the 1963 academic year.

The proper title of the subject must be shown on all enrolment forms and other statements completed by undergraduates.

Economics IIT:
(a) Microeconomics.
(b) Money, Credit and Financial Institutions.

Economics IIIIT:
(a) Macroeconomics.
(b) Public Economics.
(c) International Economics.
   Except that in 1967 an undergraduate may, with the permission of the Head of the Department of Economics, substitute Fluctuations and Growth or Labour Economics for one of the two subjects listed under (b) and (c) above.

POSTGRADUATE COURSES

Postgraduate studies may be undertaken within the Departments of Commerce and Economics leading to M.Com. or Ph.D. degrees. The Economics Department also accepts candidates for M.A. degrees.

Further information on these courses will be supplied on application to the Department concerned.
### FACULTY OF ECONOMICS AND COMMERCE — TIMETABLE, 1967

On the Shortland site — A — Classroom in the Arts/Administration Building.
B — Main Theatre.

**D A Y** (Lectures Only)

(Provisional as at 25/1/1967)

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#### EVENING

Faculty of Economics and Commerce

(Provisional as at 25/1/1967)

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