FACULTY OF ECONOMICS AND COMMERCE

HANDBOOK 1977
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Faculty of Economics and Commerce

The colour band on the spine of this Handbook is the lining colour of the hood worn by Bachelors of Commerce of this University.

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Faculty of Economics and Commerce

Dean
Professor M. O. Jager

Sub-Dean
W. A. G. Enright

Faculty Secretary
F. C. Hawkins

Faculty Attendant
N. Allen

Heads of Departments

Commerce
Professor M. O. Jager

Economics
Professor C. A. Tisdell

Legal Studies
Professor K. E. Lindgren (on leave)
C. S. Enright (Acting Head)

Telephone Enquiries
The University telephone number is Newcastle 680401

1977 Enrolments
Telephone enquiries regarding enrolment in 1977 in the Faculty of Economics and Commerce should be directed to Mr F. C. Hawkins, Faculty Secretary, extension 565 or dial 68 5565.

COMMERCE

Professors
M. O. Jager, BCom(Melbourne), FASA (Head of Department)
A. J. Williams, BCom(Tasmania), BEd(Melbourne), PhD(Western Australia), DipEd(Tasmania), GradDipAdmin(W.A.I.T.), AASA, MACE

Associate Professor
B. T. Colditz, FASA, ACIS, FTII

Senior Lecturers
E. J. Burke, BCom(New South Wales), MA(Leeds), AASA
G. E. Ferris, BSc(Sydney & Adelaide), MSc(Sydney), MA(Columbia)
R. W. Gibbins, BCom(Queensland), ACA
M. E. Spautz, MA, PhD(California (Los Angeles))
R. B. Taylor, BCom; DipPubAd(Sydney), AASA(Senior)

Lecturers
I. R. Beaman, BSc(New South Wales), DipIndEng
D. M. Gilling, BCom, MCA(Victoria (Wellington)), ACA(NZ), AASA
F. W. Guilhaus, BA(Sydney), MBA(McGill), DipEd(Sydney)
D. S. Karpin, BCom(New South Wales), MBA(Rochester), AASA
J. M. McKee, BEc(Sydney), AASA
W. Motyka, MCom(New South Wales), AASA(Prov)
B. P. O'Shea, BCom(New South Wales), AASA
R. G. Piggott, MA(Sc(New England), PhD(Cornell)
G. F. Rooney, BCom, AASA(Senior), ACIS
J. R. Smyrk, MEc(Monash)
I. G. Wallshutzky, BCom, DipBusStud, AASA(Senior)
Senior Tutors
P. J. Best, BCom(Queensland)
Ellen M. Braye, BCom, BA
G. R. Dowling, BCom, DipBusStud, AASA(Senior)
M. J. Tippett, BCom

Tutor/Demonstrator
R. J. Craig, BCom, AASA(Senior)

Part-time Tutors
L. A. Brien, BCom, ACA
L. J. Caldwell, BCom, AASA(Senior), ACIS
D. R. Forsythe, BCom
K. M. Graham, BCom, AASA, ACIS
H. Lunney, AASA, ACIS
H. S. McKensay, BCom, FCA
G. Mitchell, MCom, AASA, ACIS
M. J. Zugai, BCom

Departmental Office Staff
L. R. Bartlett
Judith L. Campbell
Maxine J. Zerafa

ECONOMICS

Professors
B. L. Johns, MA(Cambridge)
C. A. Tidell, BCom(New South Wales), PhD(Australian National) (Head of Department)

Associate Professor
B. L. J. Gordon, MBe(Sydney), PhD

Senior Lecturers
C. J. Aislabie, MBe(Sydney), PhD(London)
N. J. Dickinson, BCom(New South Wales), PhD
S. N. Jacobi, AB(Princeton), MA(South Carolina)
R. W. McShane, BA(New England), MA(Alberta)
W. J. Sheehan, BEc(Sydney), MA
P. W. Sherwood, BCom(London)

Lecturers
Paula R. Anderson, BA, MCom, DipEd(New South Wales)
J. G. de Castro Lopo, MA(Wisconsin)
H. W. Dick, BEc(Monash), MBe(Australian National)
J. A. Doeleman, Drs(Nederlandse Economische Hogeschool, Rotterdam)
W. C. Dunlop, BA(Auckland), MCom
J. R. Fisher, BA, PhD(Hull)
P. C. Ip, BS(Illinois), PhD(Western Ontario)
G. R. Keating, MBe(New England)
R. R. Piggott, MagEc(New England), PhD(Cornell)
C. W. Stahl, BA(California State College), PhD(California)
P. J. C. Stanton, MA, DipEd(Sydney)
V. G. Taylor, BEc(Monash)
B. A. Twohill, BA
Sarah S. Waterman, AB(Brown), MA(Hist & Econs) (California)

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C. J. Bowers, MCom
D. K. Macdonald, BA, MCom

Departmental Office Staff
Aileen M. Rowley
Elizabeth Williams
Sheila Savage
J. A. G. Tobin

LEGAL STUDIES

Professor
K. E. Lindgren, BA(New South Wales), LLB(London), MA, PhD

Lecturers
G. Cowper-Hill, LLB(Bristol)
C. S. Enright, LLB(Sydney), BA
D. W. Mitchell, BA, LLB(Australian National University)
T. Presbury, LLB(Sydney), BCom, DipBusStud
R. N. Watterson, LLM(Sydney)

Senior Tutor
W. A. G. Enright, BA(Sydney), LLB(London)

Departmental Office Staff
Diane Wratten
Information for New Undergraduates

Students entering University for the first time may experience some difficulty in adapting to the study techniques required for success. It is, therefore, important for the students to become familiar with the methods of organisation used within the University, degree courses available and the University Counselling Service which offers assistance with study and personal problems. The following reference books will be useful:—

1. University Calendar: This contains all the formal information about the By-Laws and Regulations governing courses and general organisation;
2. Faculty Handbooks: These are issued by each Faculty and provide information about the degree and special requirements;
3. General Supplement to the Faculty Handbooks which contains details of administrative requirements and amenities and services.

Students should note that it is possible to include some major streams of study in more than one degree course, e.g. Commerce, Economics, Mathematics, Psychology. It is therefore important that care is taken to ensure a degree course is selected which will allow the inclusion of the full range of studies they wish to undertake.

In 1977, the Faculty of Economics and Commerce, will offer Bachelor of Commerce and Bachelor of Economics degree courses. Both degree courses offer the student the opportunity to select subjects from various disciplines offered within the Faculty of Economics and Commerce and in other faculties of the University provided certain constraints and prerequisite conditions stipulated in the degree requirements are complied with. Advice regarding the structure of both degrees will be given to all incoming students before enrolment at lectures given on enrolment days.

Many students do not finally decide their chosen field of interest until after the first year of study. However, the initial selection of subjects should be made in light of the probable direction of their later interests and studies, e.g. students who have an interest in accounting or industrial relations should include Legal Studies I early in their programme.

Students should study carefully the requirements for the degrees particularly with regard to compulsory subjects, limitation of subjects chosen from each group and prerequisite requirements including the advisory prerequisites set out in the section Advice to Enrolling Students. It will be necessary for students who have not completed advisory prerequisites or equivalent study to undertake intensive preliminary reading.

Limits are also set on the number of subjects students are permitted to take in any one year. These limits restrict a full-time student to a maximum of four subjects and part-time students to a maximum of two subjects in any one year of study. (Refer conditions set out in Schedule A of the Degree Requirements).

Students requiring specific advice on the selection or content of subjects in the course should seek help from members of the Faculty. For personal counselling and study skills training it is suggested that students consult the University Counselling Service (see relevant section in General Supplement).

Enquiries regarding enrolment, variation to programme and general administrative problems should be directed to the Faculty Secretary, Mr F. C. Hawkins, Administration Building, Room G72.

Professional Recognition

The Australian Society of Accountants will exempt from the qualifying examination of the Society graduates of the University of Newcastle who hold the Bachelor of Commerce degree and who have included certain specified subjects in their degree programme. The Institute of Chartered Accountants in Australia and the Institute of Chartered Secretaries and Administrators also grant exemption from certain examinations for passes in particular subjects in the degree course or in the Diploma in Business Studies.

Registration as a registered public accountant under the Public Accountants Registration Act, 1945 (N.S.W.) is also available to graduates who have included specified subjects in their Bachelor of Commerce degree programme.

A pass in the subject of Taxation is accepted as a prerequisite for registration as a tax agent by the Tax Agents' Board (N.S.W.)

Examination requirements for advancement to Senior Associate status in the Australian Society of Accountants may be satisfied by including certain subjects in the Diploma in Business Studies, the Bachelor of Commerce (Honours) degree or the Master of Commerce.

Particulars of these various exemptions are set out on notice boards in the Department of Commerce.

Further enquiries and eventual applications for exemption should be directed to the professional associations concerned.

Advisory Prerequisite for Entry to the Faculty

In addition to satisfying the matriculation requirements of the University, candidates applying for entry to the Faculty of Economics and Commerce are advised that a pass in 2 unit Mathematics at the
New South Wales Higher School Certificate Examination or an examination at an equivalent standard in Mathematics is advisable. Candidates should note that there is no other advisory prerequisite for entry to the Faculty of Economics and Commerce. It is not necessary for candidates applying for entry to have previously studied either Economics, Accounting or Legal Studies.

**Student Participation in University Affairs**

Provision is made for students to be elected as representatives to departmental meetings in the Departments of Economics, Commerce, and Legal Studies, to the Faculty Board, Faculty of Economics and Commerce as well as to other university bodies. Elections of representatives usually take place early in the first term and students should watch Department notice boards for details of Student Representative Elections.

**Student Academic Progress**

All students are reminded of the need to maintain satisfactory progress and, in particular, attention is drawn to By-laws 5.4.1. and 5.4.2. (refer to the General Supplement supplied with this Handbook). The following points on Faculty Board policy should also be borne in mind.

1. The Faculty Board in terms of By-law 5.4.1.2 requires that students shall pass at least one subject in their first year of full-time attendance or in their first two years of part-time attendance. Students who fail to meet this requirement shall be referred to the Admissions Committee with a recommendation that they be excluded from the Faculty or from the University.

2. For the purposes of By-law 5.4.2.2. the Faculty Board has determined that at least four subjects be passed at the end of the first two years of full-time attendance or at least five subjects be passed at the end of the first four years of part-time attendance.

3. Faculty Board has further decided in terms of By-law 5.4.1.2. that if in any year following the completion of two years full-time attendance or four years part-time attendance, a student’s academic record, since enrolment, includes more failures than passes, then the progress of that student shall be reviewed by the Faculty Board which may determine that such a student shall:

   (a) be permitted to re-enrol only in such subject or subjects as the Faculty Board shall specify

   **OR**

   (b) be referred to the Admissions Committee with a recommendation for exclusion from the Faculty or from the University.

For the purposes of this section a failure in a repeated subject shall count as a second failure.

Any student who has been recommended to the Admissions Committee for exclusion will have an opportunity to present a case why he should not be excluded.

**Student Problems**

Members of the Faculty are willing to offer advice and assistance to students who have academic problems. Where a problem clearly lies within the area of responsibility of some particular member of the teaching staff, it is preferable that the matter be discussed initially with that member.

A student may also find it helpful to discuss his problem with a student member of Faculty Board, particularly if the student is reluctant to make a personal approach to a member of staff or is uncertain of the proper procedures to be followed.

**Assessment of Examination Results**

In normal circumstances no contact may be made by or on behalf of a student with a member of the academic staff on the subject of a student’s examination script(s) between the date of the examination in question and the official publication of results.

**Review of Examination Results**

Examination results may be reviewed for a charge of $8.00 per subject, which is refundable in the event of an error being discovered. Students are advised that, inter alia, marginal failures are automatically reviewed before publication of results. Applications for review must be submitted on the appropriate form together with the prescribed review charge by the date notified in the publication of results.

**Institute of Industrial Economics**

The Institute of Industrial Economics was established in April, 1976 and is the first research institute within the University.

It conducts research into the economic problems of Australian manufacturing industry, the distributing and service trades and the mineral industry. The Institute also acts as a centre for postgraduate train-
ing and research in the field of industrial economics, where it collaborates closely with the Department of Economics. Seminars and conferences are arranged from time to time and publications issued which report the results of the Institute’s research programme.

The University staff members who work for the Institute are mainly drawn from the Departments of Economics, Commerce, and Legal Studies. However, staff members from other departments of the University can be called upon to assist in particular projects.

Many of the staff working for the Institute have previously acted as advisors or consultants of industry, commerce and government. The Institute also employs full-time research fellows and research assistants to meet the requirements of its research and consulting activities.

The Board which administers the Institute consists of members from industry, commerce and the University. The Chairman of the Board is Sir Bede Callaghan, CBE, HonDSc, FBIA, FAIM. The Director of the Institute is Professor B. L. Johns of the Department of Economics.

Newcastle University Society of Economics and Commerce Students

This is the Society designed to cater especially for the interests of students studying Economics. Membership is open to all students and staff. Each year an extensive programme of discussions, lectures by prominent visitors, and social events is organised.

The managing committee of the Society is made up of representatives elected from each group (including first year). Enquiries concerning membership should be directed to the representatives of each group early in first term.

Legal Studies Club

This club is designed to promote the study of and interest in law and it caters especially for the interests of students enrolled in courses offered by the Department of Legal Studies. In previous years a programme of moots, social events and lectures by prominent visitors was organised.

The Club did not function in 1976 and it is suggested that students interested in reforming the Club meet early in the first term to elect officers and formulate a programme for the year.

1. In the Requirements, unless the contrary intention appears, “the Faculty” means the Faculty of Economics and Commerce and “the Faculty Board” means the Faculty Board of the Faculty of Economics and Commerce.

2. The degree of Bachelor of Commerce may be conferred as an ordinary degree or as an honours degree.

3. (a) The Annual Examinations shall normally be held at the end of third term.

(b) A candidate may be granted a Special Examination in accordance with the provisions of By-law 5.9.3, Sections 5, 6 and 7.

4. Except in Accounting IV, Economics IV and Legal Studies IV, the results of successful candidates at Annual and Special Examinations shall be classified: Pass, Credit, Distinction, High Distinction.

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

(b) A candidate who withdraws from any subject after the relevant date shall be deemed to have failed in that subject unless granted permission by the Dean to withdraw without penalty. The relevant date shall be:

(i) in the case of any half subject offered in the first half of the academic year — the eighth Monday in first term;

(ii) in the case of any half subject offered in the second half of the academic year — the second Monday in third term;

(iii) in the case of any other subject — the sixth Monday in second term.

6. A graduate or an undergraduate of this or of another university or of an approved tertiary institution, may be granted standing in recognition of any subject passed in such university or approved tertiary institution, on conditions to be determined by the Faculty Board.

7. (a) To complete a subject qualifying towards the degree, hereinafter called a subject, a candidate shall attend such lectures, tutorials, seminars, laboratory classes and field

1 Refer to Conditions for Granting of Standing to Graduates and Undergraduates of this or of other universities or approved tertiary institutions.
work and submit such written work as the Department or Departments concerned shall require.

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

(c) Except with the permission of the Faculty Board a subject shall qualify towards a degree for no more than eight years from the year in which it was passed.

8. The minimum time for a course qualifying for an ordinary degree is three years except in those cases where candidates are granted standing.

9. (a) Candidates for an honours degree shall pass the prescribed qualifying subjects in not more than five years in the case of the full-time course and not more than eight years in the case of the part-time course from the date of first enrolment in the Faculty. The Faculty Board may vary these provisions.

(b) Honours shall be awarded in:
   (i) Economics
   (ii) Accounting
   (iii) Legal Studies

(c) There shall be three classes of Honours; namely — Class I, Class II, and Class III. Class II shall have two divisions; namely — Division I and Division II.

10. (a) Applicants for admission as candidates for honours shall apply to the Head of the Department concerned at the commencement of their second year of full-time studies or their third year of part-time studies, except that the Faculty Board, on the recommendation of the Head of the Department concerned, may admit a candidate at some later year of enrolment in the degree programme.

(b) Prior to entering Accounting IV, Economics IV or Legal Studies IV, candidates for honours must pass all the prescribed subjects at a standard prescribed by the Faculty Board on the recommendation of the Head of the Department concerned.

11. (a) To qualify for the degree a candidate shall pass the subjects selected in conformity with the conditions set out in Schedule A to these Requirements.

(b) The qualifying subjects for the degree shall be those listed in Schedule B to these Requirements.

12. **Combined Degree Course**

A candidate may complete the Requirements for the Bachelor of Commerce degree in conjunction with another approved degree by completing a combined course approved by the Faculty Board of the Faculty of Economics and Commerce and the other appropriate Faculty Board, provided that:

(i) Admission to a combined course shall normally be at the end of the first year and shall be subject to the approval of the Deans of the two Faculties concerned.

(ii) Admission to combined courses will be restricted to students with an average of at least Credit level.

(iii) The Deans of both Faculties, after consultation with the Head(s) of Department(s) concerned, shall certify that the work in the combined degree is no less in quantity and quality than if the two degrees were taken separately.

(iv) An approved combined course shall satisfy the requirements of both degrees.

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

**Advice to Enrolling Students**

Before enrolling in any subject leading to the award of a Bachelor of Commerce degree, all students should carefully note the following:

1. A student who has enrolled under degree requirements prior to 1973 may not enrol in any subject without first consulting the Faculty Secretary.

2. The Dean in the application of conditions 5 and 6 of Schedule A may approve enrolment of a student in good standing in one additional subject in any one year in the cases of:
   (a) A student seeking to enrol in the final year of the course, who will graduate if he passes five subjects in the case of a full-time student, or three subjects in the case of a part-time student.
   (b) A part-time student (other than one to whom the preceding paragraph (a) applies) seeking to enrol in a third or later year, who has passed four subjects in the first two years of enrolment as a part-time student, and who has not subsequently failed a subject.

3. In addition to the compulsory prerequisites listed on p 20, students should note that:
   (a) Economics I is an advisory pre- or corequisite for Introductory Quantitative Methods.
   (b) Economics II is an advisory pre- or corequisite for Money and Banking.
   (c) Legal Studies I is an advisory prerequisite for Industrial Law.

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2 Details of combined degree courses approved by the Faculty Board are set out on pages 26 et seq.
(d) Law of Contract is an advisory prerequisite for Special Contracts, Executors and Trustees, Bankruptcy.
(e) Labour Economics and Organisational Behaviour are advisory pre- or corequisites for Industrial Relations II.
(f) Industrial Law and Theories of Organisation are advisory pre- or corequisites for Industrial Relations III.
(g) Introductory Quantitative Methods is an advisory prerequisite for Accounting IIA and Accounting IIB.

4. A student wishing to proceed to Econometrics I is advised to enrol in Statistical Analysis.

5. The Department of Legal Studies offers a number of half subjects, each taught over one half academic year. These half subjects introduce a degree of flexibility to the degree course by permitting students to compose their own Group B and Group C legal subjects. Students should check the timetable prior to enrolling to ascertain the half subjects being offered and the date lectures will commence. It will not be possible to offer all the half subjects listed in Schedule B each year, however, the Department has indicated that it intends to offer the following programme in 1977 and 1978.

First Half of Academic Year

1977 Law of Business Organisations
Trade Practices Law

1978 Law of Contract
Law of Business Organisations
The Corporation & Australian Law Society

Second Half of Academic Year

Special Contracts, Bankruptcy,
Executors & Trustees
Administrative Law
Consumer Protection Law

1 Industrial Relations III will replace Labour Relations in 1978 and thereafter.
2 Law of Contract will not be offered in 1977 but will be available each year thereafter.

THE HONOURS DEGREE — ACCOUNTING
A candidate for an honours degree shall:—
(a) complete all the requirements for the ordinary Bachelor of Commerce degree before enrolling in Accounting IV3;
(b) select both Accounting IIA and Accounting IIB;
(c) pass Accounting Seminar I and Accounting Seminar II;
(d) select either Accounting IIIA or Accounting IIIB, he may not select both;
(e) pass Accounting IV.

THE HONOURS DEGREE — ECONOMICS
A candidate for an honours degree shall:—
(a) complete all the requirements for the ordinary Bachelor of Commerce degree before enrolling in Economics IV;
(b) pass Economics I, Introductory Quantitative Methods, Economics II and at least four of —
- Economic History I
- Economic History II
- Economic History III
- Economic Statistics II OR Statistical Analysis
- Comparative Economic Systems
- Industry Economics
- Labour Economics
- Money & Banking
- Econometrics I

1 Introductory Quantitative Methods is not a compulsory subject for students who have successfully completed Mathematics IIIB Topic H and who proceed directly to Economic Statistics II, Statistical Analysis, Quantitative Business Analysis II or Commercial Electronic Data Processing.

3 A candidate for honours in Accounting may be permitted to undertake Preliminary Studies for Accounting IV prior to completing all the requirements for the ordinary Bachelor of Commerce degree.
**Growth & Development**
**History of Economic Thought**
**International Economics**
**Labour Relations**
**Mathematical Economics**
**Public Economics**
**Theory of Economic Policy**

Of these four subjects at least two must be chosen from those indicated by a double asterisk and at least one must be chosen from the subjects Growth and Development, International Economics or Public Economics;

(c) pass Economics Honours Seminar I and II or such additional work as the Head of the Department may prescribe;

(d) pass Economics IV.

THE HONOURS DEGREE — LEGAL STUDIES

A candidate for an honours degree shall:
(a) complete all the requirements for the ordinary Bachelor of Commerce degree before enrolling in Legal Studies IV;
(b) pass Legal Studies I and any four half-subjects offered by the Department of Legal Studies or pass Legal Studies I, Industrial Law and any two half-subjects offered by the Department of Legal Studies;

(c) pass Legal Studies IV.

EQUIVALENT HONOURS

On the recommendation of a Head of Department in the Faculty, and with the permission of the Dean, a graduate who, in the discipline concerned, has not completed the honours programme either as a full-time or part-time student at this or any other Australian university, may enrol in the honours programme either as a full-time or part-time student.

Such a graduate who has completed all the requirements of the honours programme shall be issued with a statement to this effect by the Secretary to the University; the statement shall indicate the honours level equivalent to the standard achieved by the student in completing the honours programme.

A candidate for honours in Legal Studies may be permitted to undertake preliminary studies for Legal Studies IV prior to completing all the requirements for the ordinary Bachelor of Commerce degree.

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**SCHEDULE B**

**Subjects**

**Group A**
- Accounting I
- Economics I
- Economic History I
- Introductory Quantitative Methods
- Legal Studies I
- One Arts/Science subject
- Mathematics I or an additional Arts/Science subject

**Group B**
- Accounting II A
- Accounting II B
- *Administrative Law*
- *Business & Consumer Credit Law*
- Commercial Electronic Data Processing
- Comparative Economic Systems
- *Consumer Protection Law*
- Economics II
- Economic History II
- Economic Statistics II or Statistical Analysis
- Financial Management
- Industrial Law
- Industrial Relations II
- Industry Economics
- Labour Economics
- *Law of Business Organisations*
- *Law of Contract*
- Marketing
- Money & Banking
- Organisational Behaviour
- Quantitative Business Analysis II
- Special Contracts, Executors and Trustees, Bankruptcy
- Taxation
- *The Corporation & Australian Society*
- *Trade Practices Law*
- One Arts/Science/Mathematics subject taken at Part/Group 2 level

**Group C**
- Accounting III A
- Accounting III B
- Auditing
- Econometrics I
- Economic History III
- Growth & Development
- History of Economic Thought
- Information Systems
- International Economics
- Labour Relations
- Mathematical Economics
- Public Economics
- Securities Analysis
- Theories of Organisation
- Theory of Economic Policy
- *One Arts/Science/Mathematics/Engineering subject taken at part/Group 3 level*

(For Group C subjects offered by the Department of Legal Studies, see * and + below.)

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* For the purpose of satisfying the conditions in Schedule A asterisked subjects shall each count as a half subject. Candidates who pass any two of these may count each and any grouping of two further asterisked subjects as a Group C subject.
Candidates who pass any two of the asterisked subjects plus Industrial Law may
count either those two subjects OR Industrial Law as a Group C subject.
Industrial Relations III will replace Labour Relations in 1978 and thereafter.
A candidate may not enrol in these subjects unless he has passed at least one
Group A subject.
A part/Group 3 level Engineering subject is defined as any six Engineering units
chosen from subjects normally taken in the third or fourth year of the full-time
Engineering course.

PREREQUISITE CONDITIONS

Before enrolling in any subject listed in the left hand column below, a candidate shall have passed the corresponding subject(s) listed as prerequisite(s).

<table>
<thead>
<tr>
<th>Subject</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>Accounting IIA</td>
<td>Accounting I</td>
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<td>Accounting IIB</td>
<td>Accounting I</td>
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<td>Accounting IIIA</td>
<td>Accounting I &amp; Accounting IIB</td>
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<td>Accounting IIIB</td>
<td>Accounting IIB</td>
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<td>Administrative Law</td>
<td>Legal Studies I</td>
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<td>Auditing</td>
<td>Accounting IIA</td>
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<td>Econometrics I</td>
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<td>Financial Management</td>
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<td>Growth &amp; Development</td>
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<td>History of Economic Thought</td>
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<td>Industry Economics</td>
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<td>Law of Business Organisations</td>
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<tr>
<td>Law of Contract</td>
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<tr>
<td>Mathematical Economics</td>
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<td>Money &amp; Banking</td>
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<td>Public Economics</td>
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<td>Quantitative Business Analysis II</td>
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<td>Securities Analysis</td>
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<td>Special Contracts, Executors &amp; Trustees, Bankruptcy</td>
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<tr>
<td>Statistical Analysis</td>
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</tr>
<tr>
<td>Taxation</td>
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</tr>
</tbody>
</table>

Note
1. Not all subjects listed in Schedule B will necessarily be offered in any one year.

CONTENT OF SUBJECTS FROM OTHER FACULTIES (ARTS/SCIENCE/MATHEMATICS SUBJECTS)

Provision is made in the degree Requirements for students to attempt approved Arts or Science or Mathematics subjects. Such subjects are those offered for the degrees of Bachelor of Arts or Bachelor of Science or Bachelor of Mathematics, provided the candidate complies with the requirements of the faculties concerned in relation to entry to the subject. Subjects offered by the Departments of Commerce, Economics or Legal Studies in the above degree courses are not normally approved for this purpose.
An outline of the content of the appropriate subjects may be obtained from the handbooks of the Faculty of Arts, Science, Mathematics, and Engineering.

CONDITIONS FOR GRANTING OF STANDING TO UNDERGRADUATES AND GRADUATES OF THIS OR OF OTHER UNIVERSITIES OR APPROVED TERTIARY INSTITUTIONS

BACHELOR OF COMMERCE DEGREE
(Determined by the Faculty Board, Faculty of Economics and Commerce, under powers given to it in Clause 6 of the Requirements for the degree of Bachelor of Commerce)

UNDERGRADUATES
1. Undergraduates not previously enrolled in the Bachelor of Commerce degree in this University —
   (a) The Faculty Board may grant standing to an undergraduate of this or another university or of an approved tertiary institution in recognition of any subject passed in such an institution on the following conditions —
(i) the undergraduate was eligible for admission to this University at the time of his admission to that other university or approved tertiary institution; or has achieved a satisfactory record in the equivalent of two years full-time study at that other university or approved tertiary institution.

(ii) the subject for which standing is sought shall have a reasonable correspondence with a subject included in Schedule B of the Requirements for the degree of Bachelor of Commerce of this University.

(iii) such an undergraduate shall not receive standing in respect of more than five subjects in the degree course save that in the case of an undergraduate transferring from another degree course in this University, he may be allowed standing for additional subjects if these subjects are common to both degree courses.

(b) Notwithstanding the provisions of Clause 1(ii) an undergraduate of this or of another university or of an approved tertiary institution may be granted standing for one subject which does not have a reasonable correspondence with a subject included in Schedule B of the Requirements for the degree of Bachelor of Commerce of this University provided that:

(i) he complies with Clauses 1(i), 1(iii)

(ii) he has his proposed course approved by the Faculty Board at the time the concession is granted and

(iii) he does not depart from his approved course without the approval of the Dean acting on the recommendation of the head of the department concerned.

*2. Undergraduates who have passed subjects in the Bachelor of Commerce degree course in this University and seek to complete the requirements for the degree by undertaking studies at another university or approved tertiary institution.

(a) The Faculty Board may grant standing to an undergraduate previously enrolled in the Bachelor of Commerce degree course in this University in recognition of any subject or subjects passed at another university or approved tertiary institution on the following conditions —

(i) the subject or subjects passed shall have a reasonable correspondence with a subject or subjects included in Schedule B of the Requirements for the degree of Bachelor of Commerce.

(ii) standing shall not be granted in respect of more than two subjects in the Bachelor of Commerce degree except that in special circumstances the Dean may approve standing in one additional subject.

(b) Notwithstanding the provisions of 2a(i) standing may be granted for one unspecified subject in the degree where the subject or subjects passed at the other university or approved tertiary institution do not correspond in content with any subject included in Schedule B of the Requirements for the degree of Bachelor of Commerce of this University.

**1. Graduates of this or another university; or graduates or diplomates of an approved tertiary institution.

(a) A graduate of this University or of another university; or graduates or diplomates of an approved tertiary institution, may be granted standing in recognition of subjects passed in such university or approved tertiary institution, provided that —

(i) each subject for which standing is sought shall have a reasonable correspondence with a subject included in Schedule B of the Requirements for the degree of Bachelor of Commerce of this University.

(ii) such a candidate shall not include in his course for the degree of Bachelor of Commerce any subject which is substantially equivalent to one he has previously passed and for which standing has not been granted.

(iii) such a candidate seeking standing in more than four subjects must at the time of his first enrolment in the Bachelor of Commerce degree course, have his entire course approved by the Faculty Board acting on the recommendation of the heads of the departments concerned. Subsequent variations in this prescribed course will require the approval of the Dean acting on the recommendation of the Heads of the Departments concerned.

**Note

The degree shall not be awarded to a candidate unless he has, whilst enrolled as a candidate for the Bachelor of Commerce degree at this University, passed more than half the total number of subjects required for the degree and has complied with By-Law 5.8.1.3.
(b) Notwithstanding Clause 1 (a) a Graduate or Diplomate of an approved tertiary institution may seek standing for not more than four unspecified subjects at the time of admission—
(i) such a candidate after satisfying the requirements for matriculation shall have completed a three year full-time diploma course in teaching in 1972 or subsequent years.
(ii) in addition to the subjects selected and passed in accordance with the requirements for the degree of Bachelor of Commerce, such a candidate shall include in his course passes in at least three Group C subjects chosen from Schedule B of those requirements.

TRANSITION ARRANGEMENTS FOR THE BACHELOR OF COMMERCE DEGREE

Details of transition arrangements for implementation from the beginning of the 1977 academic year are set out below. The new courses will be offered in 1977 with the exception of Industrial Relations III which will first be offered in 1978. 1977 will be a transition year in which 13 subjects will still be required to be passed by students in order to graduate at the end of the year. Full implementation of the new degree will take effect in 1978 at the end of which year only 12 subjects will be required.

1. Compulsory subjects
   Accounting I, Economics I and Introductory Quantitative Methods are compulsory subjects. Economics I is not a compulsory subject for students who have passed Microeconomics; Introductory Quantitative Methods is not a compulsory subject for students who have passed Economic Statistics I.

2. Counting of subjects
   (a) Except as otherwise provided subjects shall be counted on the basis upon which they were offered at the time, (e.g. if a subject was passed when offered as a half subject it shall count as a half subject; if passed when offered as a full subject, it shall count as a full subject; if passed when offered as a Group A subject, it shall count as a Group A subject).
   (b) Where former Group C half subjects are offered as Group B full subjects, up to a maximum of two such Group B subjects passed can be counted as Group C subjects. This concession only applies to students who have passed not less than eight subjects in the Bachelor of Commerce degree course prior to 1977.
   (c) Students shall not include in their courses as a subject to count towards the new Bachelor of Commerce degree any subject which is equivalent to part or all of a subject which they have previously passed.

3. Conversion of subjects
   (a) To fulfil the degree requirements at the end of 1977 or thereafter, half subjects which were passed prior to 1977 may be converted into full subjects as set out below:—
      6 old half subjects will count as 4 full subjects
      5 old half subjects will count as 3 full subjects
      4 old half subjects will count as 2½ full subjects
      3 old half subjects will count as 2 full subjects
      2 old half subjects will count as 1 full subject
      1 old half subject will count as a half subject
   (b) Students who have one Group C half subject remaining after such a conversion may choose to —
      (i) complete a full Group C subject in its place, OR
      (ii) complete any other half subject in which case the two together shall count as a full Group C subject, OR
      (iii) complete half of a full Group C subject where this is offered and approved by the Head of the appropriate department, OR
      (iv) successfully complete additional work of a type and standard determined by the Head of the Department concerned. Such additional work shall count as an unspecified Group C half subject.

4. Change from full subjects to half subjects
   (a) Students who have passed Legal Studies I prior to 1977 are not permitted to count “Law of Contract” towards the degree.
   (b) Students who have passed Legal Studies II are not permitted to count “Law of Business Organisation” or “Special Contracts, Executors and Trustees, Bankruptcy” towards the degree.
   (c) Students who have passed Legal Studies III are not permitted to count “Administrative Law”, “The Corporation and Australian Society” or “Trade Practice Law” towards the degree.
   (d) Students who have passed Legal Studies II and pass two Group B half subjects or Industrial Law may count such two half subjects or Industrial Law as one Group C subject.

5. Limitations on enrolment
   Students who have passed a subject in the Bachelor of Commerce degree course prior to 1977 will continue to be subject to Clauses 5 to 8 of Schedule A of the 1976 degree requirements (e.g. they will be permitted to enrol in up to five subjects in the case of full-time students and up to three subjects in the case of part-time students in any one year). Such students are exempted from the provisions of Clauses 5 & 6 of Schedule A in the 1977 Bachelor of Commerce degree requirements.
6. **Prerequisites**
   (a) Where either Economics I or Economics II is a prerequisite for any other subject, a pass in either Microeconomics or Macroeconomics respectively shall be deemed to satisfy such prerequisite requirement.
   (b) Where Introductory Quantitative Methods is a prerequisite for any other subject, a pass in Economic Statistics I shall be deemed to satisfy such prerequisite requirement.

7. **Exceptional Circumstances**
   In order to provide for exceptional circumstances arising in particular transition cases, the Dean may relax any of the transition requirements.

8. **Prior transition arrangements**
   (a) Students subject to prior transition arrangements are subject to these new transition arrangements except for the provisions in 8(b), 8(c) and 8(d) below.
   (b) Notwithstanding Clause 3(b), students who have passed Accounting IIA in 1971 or 1972 may include Taxation in their Bachelor of Commerce degree course.
   (c) Economics I and Introductory Quantitative Methods are not compulsory for students who have passed Economics I prior to 1973.
   (d) To satisfy the degree requirements a student who was required to pass 14 subjects under the 1973 transition arrangements must pass 14 subjects at the end of 1976, 13 subjects at the end of 1977 or 12 subjects at the end of 1978 and thereafter.

Note
‡ It is likely that the Department of Commerce will be able to arrange for students in the circumstances envisaged by sub-clauses (iii) and (iv) of clause 3(b) to undertake the following studies in 1977 —
1. INFORMATION SYSTEMS — PART I
   (Half of full group C subject INFORMATION SYSTEMS)
2. MEASUREMENT SYSTEMS —
   Specified additional work (see subject description)
3. ACCOUNTING IIIA — PART I
   (Half of the full group C subject ACCOUNTING IIIA)

**COMBINED DEGREE COURSES**

1. **BACHELOR OF COMMERCE/BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING**

<table>
<thead>
<tr>
<th>Year I</th>
<th>Units</th>
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<tbody>
<tr>
<td>‡Engineering I</td>
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<tr>
<td>‡Mathematics I</td>
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<td>Physics I</td>
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<tr>
<td>Chemistry IS</td>
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<table>
<thead>
<tr>
<th>Year I (continued)</th>
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<tbody>
<tr>
<td>ME121 Workshop Practice</td>
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<td>ME122 Process Technology</td>
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<tr>
<td>Met151 Microstructure of Materials</td>
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<thead>
<tr>
<th>Year II</th>
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<tbody>
<tr>
<td>EE203 Introduction to Electrical Information</td>
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<tr>
<td>EE204 Introduction to Electrical Energy</td>
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</tr>
<tr>
<td>ME202 Dynamics of Engineering Systems</td>
<td>1</td>
</tr>
<tr>
<td>ME214 Mechanics of Solids</td>
<td>1</td>
</tr>
<tr>
<td>ME223 Mechanical Technology</td>
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<tr>
<td>ME241 Properties of Materials</td>
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<tr>
<td>‡Mathematics IIB</td>
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<tr>
<td>‡Accounting I</td>
<td>4</td>
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<tr>
<td>‡Economics I</td>
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<table>
<thead>
<tr>
<th>Year III</th>
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<tbody>
<tr>
<td>ME201 Laboratory Measurements</td>
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<td>ME212 Engineering Design</td>
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<tr>
<td>ME213 Engineering Design</td>
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<tr>
<td>ME232 Dynamics of Machines</td>
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<tr>
<td>ME251 Fluid Mechanics</td>
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<td>ME271 Thermodynamics</td>
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<tr>
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<tr>
<td>‡One Economics &amp; Commerce subject Group B</td>
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<thead>
<tr>
<th>Year IV</th>
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<tbody>
<tr>
<td>ME301 Engineering Computations</td>
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<td>ME313 Engineering Design</td>
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<tr>
<td>ME333 Dynamics of Machines</td>
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</tr>
<tr>
<td>ME342 Properties of Materials</td>
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<tr>
<td>ME343 Mechanics of Solids</td>
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<tr>
<td>ME352 Fluid Mechanics</td>
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<td>ME361 Automatic Control</td>
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<td>ME372 Heat Transfer</td>
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<td>ME373 Thermodynamics</td>
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<td>‡One Economics &amp; Commerce subject Group C</td>
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<thead>
<tr>
<th>Year V</th>
<th>Units</th>
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<tbody>
<tr>
<td>CE303 Structural Design</td>
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<tr>
<td>One unit of —</td>
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<tr>
<td>ME381 Methods Engineering</td>
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</tr>
<tr>
<td>ME383 Quality Engineering</td>
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<tr>
<td>ME413 Design of Crankshafts, Flywheels &amp; other Rotating Members</td>
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<tr>
<td>ME414 Design of Hydraulic &amp; Pneumatic Power Systems</td>
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<tr>
<td>ME449 Reliability Analysis of Mechanical Systems</td>
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</tr>
<tr>
<td>ME487 Operations Research — Deterministic Models</td>
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<tr>
<td>ME496 Project Seminar</td>
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</tr>
<tr>
<td>‡Electives</td>
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<tr>
<td>‡One Economics &amp; Commerce subject Group C</td>
<td>4</td>
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</tbody>
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*Tables and course descriptions for BACHELOR OF COMMERCE/BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING and other combined degree courses are listed in the document.*
Notes
- First half year.
- Second half year.
1 Three electives must be chosen from the list of Departmental Electives.
2 The subjects which count towards the B.Com. degree are those marked 2 plus six Engineering units chosen from subjects normally taken in Year III or Year IV of the full-time Engineering programme which may be counted as one Group C subject.
† Introductory Quantitative Methods is not a compulsory subject for students who have successfully completed Mathematics IIB Topic H and who proceed directly to Economic Statistics II, Statistical Analysis, Quantitative Business Analysis II or Commercial Electronic Data Processing.

2. BACHELOR OF COMMERCE/BACHELOR OF ENGINEERING IN INDUSTRIAL ENGINEERING

<table>
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<th>Year I</th>
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<td>ME122</td>
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<td>Met151</td>
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<td>ME123</td>
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<td>ME124</td>
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<td>ME384</td>
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<td>ME487</td>
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3. BACHELOR OF COMMERCE/BACHELOR OF ENGINEERING IN CHEMICAL ENGINEERING

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<tr>
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Year IV

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<tbody>
<tr>
<td>Chemical Engineering II</td>
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<tr>
<td>*One Economics &amp; Commerce subject Group B</td>
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Year V

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<th>Course</th>
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<tbody>
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<td>Chemical Engineering III</td>
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<tr>
<td>Project II</td>
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<td>*One Economics &amp; Commerce subject Group C</td>
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Notes

1. The subjects which count towards the B.Com. degree are those marked 2 plus six Engineering units chosen from subjects normally taken in Year III or Year IV of the full-time Engineering programme which may be counted as one Group C subject.

4. BACHELOR OF COMMERCE/BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Year I

<table>
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<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>*Engineering I</td>
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<tr>
<td>*Mathematics I</td>
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<tr>
<td>Physics I</td>
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<tr>
<td>Chemistry IS</td>
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<tr>
<td>Engineering Surveying</td>
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Year II

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<th>Course</th>
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<tr>
<td>*Mathematics IIIB</td>
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<tr>
<td>CE212 Mechanics of Solids</td>
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<td>CE221 Properties of Materials</td>
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<td>CE222 Materials Technology</td>
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<td>CE231 Fluid Mechanics I</td>
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<td>CE241 Water Resources Engineering</td>
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<tr>
<td>CE233J Engineering Geology</td>
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<tr>
<td>*EE203 Introduction to Electrical Information</td>
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<tr>
<td>**EE204 Introduction to Electrical Energy</td>
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Year III

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<th>Course</th>
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<td>ME121 Workshop Practice</td>
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<tr>
<td>ME271 Thermodynamics</td>
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<tr>
<td>CE131 Structural Analysis &amp; Design I</td>
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<tr>
<td>CE324 Soil Mechanics</td>
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<tr>
<td>CE332 Fluid Mechanics II</td>
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<td>CE351 Civil Engineering Systems</td>
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<tr>
<td>ME301 Engineering Computations</td>
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<tr>
<td>CE372 Transportation Engineering</td>
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<tr>
<td>*Economics I</td>
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Year IV

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<th>Course</th>
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<tbody>
<tr>
<td>CE414 Structural Analysis &amp; Design II</td>
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<tr>
<td>CE425 Earth &amp; Rock Engineering</td>
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</tr>
<tr>
<td>CE452 Engineering Construction</td>
<td>2</td>
</tr>
<tr>
<td>CE453 Project</td>
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<td>*One Economics &amp; Commerce subject Group B</td>
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Year V

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<td>*One Economics &amp; Commerce subject Group B</td>
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<tr>
<td>*One Economics &amp; Commerce subject Group C</td>
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<tr>
<td>*One Economics &amp; Commerce subject Group C</td>
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Notes

1. Introductory Quantitative Methods is not a compulsory subject for students who have successfully completed Mathematics IIIB Topic H and who proceed directly to Economic Statistics II, Statistical Analysis, Quantitative Business Analysis II or Commercial Electronic Data Processing.

BACHELOR OF COMMERCE/BACHELOR OF ENGINEERING IN ELECTRICAL ENGINEERING

Year I

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<thead>
<tr>
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<tr>
<td>EE131 Circuit Fundamentals</td>
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<td>CE111 Statics</td>
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<td>ME111 Graphics</td>
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<tr>
<td>ME112 Engineering Drawing &amp; Elementary Design</td>
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<td>ME131 *Dynamics</td>
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<td>ME182 Electronic Structure of Materials</td>
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<td>Physics IA</td>
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<td>Chemistry IS</td>
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Year II

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<tr>
<td>EE221 Semiconductor Devices</td>
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<td>PH221 Electromagnetics &amp; Quantum Mechanics</td>
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Year III

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<td>ME271 Thermodynamics</td>
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<td>CE131 Structural Analysis &amp; Design I</td>
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<td>CE324 Soil Mechanics</td>
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<tr>
<td>CE332 Fluid Mechanics II</td>
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<td>ME351 Engineering Computations</td>
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<td>CE372 Transportation Engineering</td>
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31
Year III

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<tr>
<td>EE314</td>
<td>Electrical Machinery</td>
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</tr>
<tr>
<td>EE331</td>
<td>Linear Electronics</td>
<td>1*</td>
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<tr>
<td>EE325</td>
<td>Introduction to Digital Systems</td>
<td>1*</td>
</tr>
<tr>
<td>EE331</td>
<td>Circuits</td>
<td>1*</td>
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<tr>
<td>EE341</td>
<td>Automatic Control</td>
<td>1*</td>
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<tr>
<td>EE344</td>
<td>Communications</td>
<td>1*</td>
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<tr>
<td>EE361</td>
<td>Computer Structure: Machines &amp; Assembly Language</td>
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Year IV

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<td>Communications</td>
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<tr>
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Year V

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<thead>
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<th>Course Code</th>
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<td>EE481</td>
<td>Three from EE300, EE400, EE500</td>
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<tr>
<td>EE482</td>
<td>One from EE300, EE400</td>
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<tr>
<td>EE483</td>
<td>Electives</td>
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<tr>
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<td>EE481</td>
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<td>EE482</td>
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<tr>
<td>EE483</td>
<td>Electives</td>
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Notes

1. The six elective units must be taken in the Faculty of Engineering at least two must be from within the Department of Electrical Engineering.
2. The subjects which count towards the B.Com. degree are those marked 2 plus six Engineering units chosen from subjects normally taken in 3rd or 4th year of the full-time Engineering programme which may be counted as one Group C subject.
4. Introductory Quantitative Methods is not a compulsory subject for students who have successfully completed Mathematics IIB Topic H and who proceed directly to Economic Statistics II, Statistical Analysis, Quantitative Business Analysis or Commercial Electronic Data Processing.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ECONOMICS

1. In the Requirements, unless the contrary intention appears, "the Faculty" means the Faculty of Economics and Commerce and "the Faculty Board" means the Faculty Board of the Faculty of Economics and Commerce.
2. The degree of Bachelor of Economics may be conferred as an ordinary degree or as an honours degree.
3. (a) The Annual Examinations shall normally be held at the end of third term.
   (b) A candidate may be granted a Special Examination in accordance with the provisions of By-law 5.9.3, sections 5, 6 and 7.
4. Except in Economics IV, the results of successful candidates at Annual and Special Examinations shall be classified: Pass, Credit, Distinction, High Distinction.
5. (a) A candidate may withdraw from a subject or course only by informing the Secretary to the University in writing and the withdrawal shall take effect from the date of receipt of such notification.
   (b) A candidate who withdraws from any subject after the relevant date shall be deemed to have failed in that subject unless granted permission by the Dean to withdraw without penalty. The relevant date shall be:
in the case of any half subject offered in the first half of the academic year — the eighth Monday in first term;
(ii) in the case of any half subject offered in the second half of the academic year — the second Monday in third term;
(iii) in the case of any other subject — the sixth Monday in second term.

6. A graduate or an undergraduate of this or of another university or of an approved tertiary institution, may be granted standing in recognition of any subject passed in such university or approved tertiary institution, on conditions to be determined by the Faculty Board.1

7. (a) To complete a subject qualifying towards the degree, hereinafter called a subject, a candidate shall attend such lectures, tutorials, seminars, laboratory classes and field work and submit such written work as the Department or Departments concerned shall require.
(b) To pass a subject a candidate shall satisfy the requirements of the previous clause and pass such examinations as the Faculty Board concerned shall require.
(c) Except with the permission of the Faculty Board a subject shall qualify towards a degree for no more than eight years from the year in which it was passed.

8. The minimum time for a course qualifying for an ordinary degree is three years except in those cases where candidates are granted standing.

9. (a) Candidates for an honours degree shall pass the prescribed qualifying subjects in not more than five years in the case of the full-time course and not more than eight years in the case of the part-time course from the date of first enrolment in the Faculty. The Faculty Board may vary these provisions.
(b) Honours shall be awarded in Economics.
(c) There shall be three classes of Honours; namely — Class I, Class II, and Class III. Class II shall have two divisions; namely — Division I and Division II.

10. (a) Applicants for admission as candidates for honours shall apply to the Head of the Department concerned at the commencement of their second year of full-time studies or their third year of part-time studies, except that the Faculty Board, on the recommendation of the Head of the Department concerned, may admit a candidate at some later year of enrolment in the degree programme.

(b) Prior to entering Economics IV candidates for honours must pass all the prescribed subjects at a standard prescribed by the Faculty Board on the recommendation of the Head of the Department concerned.

11. (a) To qualify for the degree a candidate shall pass the subjects selected in conformity with the conditions set out in Schedule A to these Requirements.
(b) The qualifying subjects for the degree shall be those listed in Schedule B to these Requirements.

12. Combined Degree Course2
A candidate may complete the Requirements for the Bachelor of Economics degree in conjunction with another approved degree by completing a combined course approved by the Faculty Board of the Faculty of Economics and Commerce and the other appropriate Faculty Board, provided that:
(i) Admission to a combined course shall normally be at the end of the first year and shall be subject to the approval of the Deans of the two Faculties concerned.
(ii) Admission to combined courses will be restricted to students with an average of at least Credit level.
(iii) The Deans of both Faculties, after consultation with the Head(s) of Department(s) concerned, shall certify that the work in the combined degree is no less in quantity and quality than if the two degrees were taken separately.
(iv) An approved combined course shall satisfy the requirements of both degrees.

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

Advice to enrolling students

Before enrolling in any subject leading to the award of a Bachelor of Economics degree, all students should carefully note the following:

1. The Dean in the application of conditions 4 and 5 of Schedule A may approve enrolment of a student in good standing in one additional subject in any one year in the cases of:
(a) A student seeking to enrol in the final year of the course, who will graduate if he passes subjects carrying a total of five points in the case of a full-time student, or three points in the case of a part-time student.

2 Combined degree courses will not be offered in 1977.

1 Refer to Conditions for Granting of Standing to Graduates and Undergraduates of this or of other universities or approved tertiary institutions.
THE HONOURS DEGREE

A candidate for an honours degree shall —

(a) complete all the requirements for the ordinary Bachelor of Economics degree before enrolling in Economics IV.
(b) pass at least one of Growth and Development, International Economics or Public Economics before enrolling in Economics IV.
(c) pass Economics Honours Seminar I and II or such additional work as the Head of the Department may prescribe before enrolling in Economics IV.
(d) pass Economics IV.

SCHEDULE B

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Corresponding Points</th>
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<tbody>
<tr>
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<tr>
<td>Economics I</td>
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<tr>
<td>Economic History I</td>
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<tr>
<td>Introductory Quantitative Methods</td>
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<tr>
<td>Legal Studies I</td>
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<tr>
<td>+Administrative Law</td>
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<tr>
<td>*Business and Consumer Credit Law</td>
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<tr>
<td>Commercial Electronic Data Processing</td>
<td>1.0</td>
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<tr>
<td>Comparative Economic Systems</td>
<td>1.0</td>
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<tr>
<td>*Consumer Protection Law</td>
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<tr>
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<tr>
<td>Financial Management</td>
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<td>1Industrial Law</td>
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<td>Labour Economics</td>
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<td>*Law of Business Organisations</td>
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<td>*Law of Contract</td>
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<td>+Marketing</td>
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<td>Money and Banking</td>
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<td>+Organisational Behaviour</td>
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<td>Taxation</td>
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<td>+The Corporation and Australian Society</td>
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<td>*Trade Practices Law</td>
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<td>One Arts/Science/Mathematics subject taken at Part/Group 2 level</td>
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<tr>
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<table>
<thead>
<tr>
<th>Subjects</th>
<th>Corresponding Points</th>
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<td>Information Systems</td>
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<td>International Economics</td>
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<tr>
<td>Labour Relations</td>
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<td>Public Economics</td>
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<tr>
<td>Theory of Economic Policy</td>
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<tr>
<td>*One Arts/Science/Mathematics/Engineering subject taken at Part/Group 3 level</td>
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</table>

* For the purpose of satisfying the conditions in Schedule A asterisked subjects shall each count as a half subject with a corresponding point value of 0.5. Candidates who pass any two of these may count each and any grouping of two further asterisked subjects as a Group C subject with a corresponding combined point value of 1.0.
+ Candidates who pass any two of the asterisked subjects plus Industrial Law may count either those two subjects OR Industrial Law as a Group C subject.
† Industrial Relations III will replace Labour Relations in 1978 and thereafter.
1 A candidate may not enrol in these subjects unless he has passed at least one Group A subject.
2 A Part/Group 3 level Engineering subject is defined as any six Engineering units chosen from subjects normally taken in the third or fourth year of the full-time Engineering programme.

Note
Not all subjects listed in Schedule B will necessarily be offered in any one year.

PREREQUISITE CONDITIONS

Before enrolling in any subject listed in the left hand column below, a candidate shall have passed the corresponding subject(s) listed as prerequisite(s).

<table>
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<th>Prerequisite</th>
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<tbody>
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<tr>
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<td>+Accounting IIA</td>
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<tr>
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</tr>
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<td>------------------------------------------------------------------------------</td>
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<td>Economics II</td>
</tr>
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<td>Industrial Relations II</td>
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<td>Information Systems</td>
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<td>Law of Contract</td>
<td>Legal Studies I</td>
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<td>Mathematical Economics</td>
<td>Economics II</td>
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<td>Money &amp; Banking</td>
<td>Economics I</td>
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<td>Quantitative Business Analysis II</td>
<td>Statistical Analysis</td>
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<td>Securities Analysis</td>
<td>Accounting I</td>
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<td>Special Contracts, Executors &amp; Trustees</td>
<td>Statistical Analysis</td>
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<td>Bankruptcy</td>
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<td>Statistical Analysis</td>
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<td>Taxation</td>
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<td>The Corporation &amp; Australian Society</td>
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<td>Theories of Organisation</td>
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<td>Theory of Economic Policy</td>
<td>Accounting I</td>
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<td>Trades Practices Law</td>
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<td>Introductory Quantitative Methods</td>
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1. May be taken as a corequisite.

2. Introductory Quantitative Methods is a prerequisite for Economic Statistics II
   Statistical Analysis, Quantitative Business Analysis II and Commercial Electronic
   Data Processing, except that candidates who have successfully completed
   Mathematics II B Topic H may proceed directly to Economic Statistics II or
   Statistical Analysis, Quantitative Business Analysis II and Commercial Electronic
   Data Processing.

CONDITIONS FOR GRANTING OF STANDING TO UNDERGRADUATES AND GRADUATES OF THIS OR OF OTHER UNIVERSITIES OR APPROVED TERTIARY INSTITUTIONS

BACHELOR OF ECONOMICS DEGREE

(Determined by the Faculty Board, Faculty of Economics and Commerce, under powers given to it in Clause 6 of the Requirements for the degree of Bachelor of Economics)

UNDERGRADUATES

1. Undergraduates not previously enrolled in the Bachelor of Economics degree in this University —
   (a) The Faculty Board may grant standing to an undergraduate of this or another university or of an approved tertiary institution in recognition of any subject passed in such an institution on the following conditions —

   (i) the undergraduate was eligible for admission to this University at the time of his admission to that other university or approved tertiary institution; or has achieved a satisfactory record in the equivalent of two years full-time study at that other university or approved tertiary institution.

   (ii) the subject for which standing is sought shall have a reasonable correspondence with a subject included in Schedule B of the Requirements for the degree of Bachelor of Economics of this University.

   (iii) such an undergraduate shall not receive standing in respect of subjects carrying a total of more than five points in the degree course, save that in the case of an undergraduate transferring from another degree course in this University, he may be allowed standing for additional subjects if these subjects are common to both degree courses.

(b) Notwithstanding the provisions of Clause 1(iii) an undergraduate of this or of another university or of an approved tertiary institution may be granted standing for one subject which does not have a reasonable correspondence with a subject included in Schedule B of the Requirements for the degree of Bachelor of Economics of this University provided that —

   (i) he complies with Clauses 1(i), 1(iii)

   (ii) he has his proposed course approved by the Faculty Board at the time the concession is granted and

   (iii) he does not depart from his approved course without the approval of the Dean acting on the recommendation of the head of the department concerned.

*2. Undergraduates who have passed subjects in the Bachelor of Economics degree course in this University and seek to complete the requirements for the degree by undertaking studies at another university or approved tertiary institution.

(a) The Faculty Board may grant standing to an undergraduate previously enrolled in the Bachelor of Economics degree course in this University in recognition of any subject or

*Note:

An undergraduate wishing to obtain the benefit of these sections must apply in writing to the Dean for approval of the proposed course by the last day for the return of re-enrolment forms for continuing students. The students must supply full and complete details of the proposed course including details of the content of individual subjects. The Dean will consult Heads of Departments about individual subjects and prepare a submission for the Faculty Board. A course approved by the Faculty Board will be specific and will be for one academic year only. The Faculty Board will determine the extent of standing to be granted in the Bachelor of Economics degree if the approved course is completed successfully. If the approved course is not completed within the academic year specified by the Faculty Board, a student wishing to gain standing under these sections must submit a new application to the Dean in writing.
**Note**

The degree shall not be awarded to a candidate unless he has, whilst enrolled as a candidate for the Bachelor of Economics degree at this University, passed more than half the total number of subjects required for the degree and has complied with By-Law 5.8.1.3.
## Stage 2

Two subjects selected from Groups A and B, plus Group C.

### Group A

**Subject**
- Accounting IIA
- Accounting IIB

**Subject**
- Auditing
- Econometrics I

Labour Relations or Industrial Relations III

Securities Analysis

Theories of Organisation

Other subjects in the ordinary Bachelor of Commerce degree programme as approved by the Faculty Board for this purpose.

### Group B

**Subject**
- Accounting & Financial Studies
- Accounting Theory
- Advanced Company Law
- Advanced Auditing
- Advanced Financial Management
- Advanced Taxation
- Behavioural & Social Framework in Business

**Prerequisite**
- Accounting IIA & IIB
- Accounting IIB

**Advisory prerequisite**
- The advisory prerequisite subjects for these subjects are those prescribed as prerequisites in the Bachelor of Commerce Degree Course.

### Group C

**Research Essay**
- Quantitative Business Analysis II
- Accounting IIA
- Accounting I
- Commercial Electronic Data Processing

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**EXPLANATORY NOTES TO THE APPENDIX TO REQUIREMENTS FOR THE DIPLOMA IN BUSINESS STUDIES**

### Note

1. In addition to Accounting and Financial Studies, nine (9) other group B subjects will probably be offered in 1977. It is likely that the remaining subjects will be as follows:
   - Advanced Financial Management
   - Advanced Taxation or Comparative International Taxation
   - Behavioural & Social Framework in Business
   - Commercial Programming
   - Corporate Strategy
   - International & Interstate Business Law
   - Marketing Management
   - Political & Legal Institutions
   - Systems Analysis & Design

2. This subject will be offered on the following conditions —
   - (i) the subject is restricted to students who have not previously passed any accounting examinations at tertiary level.
   - (ii) the subject may be incorporated in Stage I only.

### CONDITIONS FOR THE GRANTING OF STANDING IN THE DIPLOMA IN BUSINESS STUDIES COURSE

1. Standing in a subject in the Diploma in Business Studies shall require the approval of the Faculty Board on the recommendation of the Head of the Department of Commerce.

2. A candidate will not be eligible for standing in any subject for which credit has been given for the award of another degree or diploma, except as otherwise provided for in succeeding clauses.

3. A candidate who has passed a subject offered in the postgraduate course in Professional Accounting Studies in the years 1969, 1970, 1971 or 1972 shall be granted standing in the corresponding subject in the Diploma in Business Studies, provided he enrols in the Diploma within five years of having passed such subject.

4. A candidate who has been awarded the Bachelor of Commerce (Honours) Degree specialising in Accounting in the University of Newcastle shall be granted standing in the subject, Accounting Theory.

5. A candidate who has passed either (i) the Master of Commerce qualifying course, or (ii) the equivalent of one full-time year of the course work under clause 9(ii) of the present Master of Commerce

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1. Auditing, Taxation and Tax Planning and/or Accounting Systems and Computer Applications.
requirements within the Department of Commerce in the University of Newcastle or who has been awarded the degree of Master of Commerce for work completed as a student registered in that Department, shall normally be granted standing in the subject, Accounting Theory.

6. A graduate of an approved institution who has completed the honours degree specialising in Accounting or who has completed postgraduate studies considered equivalent to those specified in paragraph (5) above, may be granted standing on the same basis as a graduate of the University of Newcastle.

7. Where a candidate has completed Stage 1 of the Diploma Course he may be granted standing by the Faculty Board in respect of another subject subsequently passed at another university or approved tertiary institution under the following conditions:
   (a) the subject for which standing is granted shall have a reasonable correspondence with a subject included in the Diploma in Business Studies programme; and,
   (b) standing shall not be granted for more than two subjects.

TRANSITIONAL ARRANGEMENTS FOR THE DIPLOMA IN BUSINESS STUDIES

1. Any subject passed will count on the basis upon which it was offered, e.g. if a subject was passed when offered as a half subject, it will count as a half subject. If a subject was passed when offered as a full subject, it will count as one subject.

2. Candidates who have successfully completed one half subject only may count it as one subject by —
   (a) Completing a full Group A or B subject in its place or
   (b) Completing half of a full Group A subject where this is offered and approved by the Head of the appropriate Department.

3. Candidates who have successfully completed more than one half Group A subject will be given the following standing:
   4 half subjects passed under 1976 requirements will be given standing for 2 Group A subjects under 1977 requirements
   3 half subjects passed under 1976 requirements will be given standing for 2 Group A subjects under 1977 requirements
   2 half subjects passed under 1976 requirements will be given standing for 1 Group A subject under 1977 requirements.

4. Candidates enrolled in 1976 in the Diploma in Business Studies may include Industrial Law and/or two half subjects selected from Administrative Law
   The Corporation & Australian Society
   Trade Practices Law

in his course as a Group A subject in 1977 or 1978 except that candidates who have completed the subject Legal Studies III may not enrol in any half subjects offered by the Department of Legal Studies.

5. Candidates enrolled in 1976 in the Diploma in Business Studies may include one subject selected from Financial Management, Taxation, Marketing or Quantitative Business Analysis II (which are offered in the Bachelor of Commerce degree course), in his course as a Group A subject in 1977 or 1978.

6. A candidate shall not include in his future programme counting towards the Diploma in Business Studies any subject which is equivalent to part or all of a subject which he has previously passed.

REQUIREMENTS FOR THE DEGREE OF MASTER OF COMMERCE

1. The degree of Master of Commerce shall be awarded in one grade only.

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

3. (i) An applicant for registration for the degree shall have satisfied all the requirements for admission to the degree of Bachelor of Commerce in the University of Newcastle or to an appropriate degree of this or any other university approved for this purpose by the Faculty Board of the Faculty of Economics and Commerce (hereinafter referred to as the "Faculty Board").
   (ii) In exceptional cases an applicant possessing other qualifications may on the recommendation of the Faculty Board be permitted by the Senate to register as a candidate for the degree.

4. The Faculty Board may require an applicant to demonstrate fitness for registration by carrying out such work and sitting for such examinations as the Faculty Board may determine.

5. An applicant for registration shall apply to pursue his studies for the degree of Master of Commerce in either of two ways. The first shall consist primarily of research and the submission of a thesis. The second shall consist of a programme of lectures and other coursework and the submission of a dissertation (hereinafter referred to as "research and thesis" and "coursework and dissertation" respectively).
6. Before permitting an applicant to register as a candidate for the degree, the Faculty Board shall be satisfied that adequate supervision and other facilities are available.

7. An applicant for registration shall have his programme, and in the case of a candidate for the degree by research and thesis the subject of his thesis, approved by the Faculty Board on the recommendation of the Head of Department before being permitted to register.

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

9. (i) A candidate for the degree by research and thesis shall pursue his investigations under the direction of a supervisor appointed by the Faculty Board.

(ii) Such a candidate may be required to attend such lecture courses, seminars and other supervised study and pass such examinations at such standard as the Faculty Board may determine, before being permitted to proceed with his programme of research.

(iii) Such a candidate shall be examined by means of a thesis embodying the results of an original investigation and may be examined orally on the subject of his thesis.

10. (i) A candidate for the degree by coursework and dissertation shall pursue a course of formal study by attending such lecture courses, seminars and other supervised study as the Faculty Board may determine.

(ii) Such a candidate who has obtained an appropriate Bachelor's degree with Honours or has postgraduate qualifications may be granted such advanced standing as the Faculty Board recommends.

(iii) The progress of such a candidate not granted advanced standing under the preceding sub-clause shall be reviewed on the completion of three terms of full-time study (or the equivalent part-time) and if the candidate is deemed to have achieved a standard equivalent to Honours Class II, his registration as a candidate for the degree shall be confirmed.

(iv) Such a candidate shall be examined by means of written annual examinations in the subjects studied and by a dissertation on a topic approved by the Faculty Board and, at the discretion of the examiner, he may also be examined orally on the subjects studied or the dissertation.

11. The degree shall not be conferred on a full-time student before the lapse of six complete terms and on a part-time student before the lapse of nine complete terms from the date on which the registration becomes effective, save that in the case of a candidate who has obtained the degree of Bachelor with Honours or who has had lengthy research experience, this period may be reduced by the Faculty Board by up to three terms for full-time students and four terms for part-time students.

12. Except with the permission of the Faculty Board, a candidate for the degree by coursework and dissertation shall submit a dissertation not later than the last day of the first vacation subsequent to the second full-time or the fourth part-time year of registration.

13. The Faculty Board may permit a candidate to change his registration from a programme of coursework and dissertation to one of research and thesis, or vice versa, on such terms and conditions as the Faculty Board may determine.

14. (i) Three copies of the thesis or dissertation shall be submitted so as to comply with the requirements of the University.

(ii) The University may retain the three copies of the thesis or dissertation submitted for examination and shall be free to allow them to be consulted or borrowed. Subject to the provisions of the Copyright Act (1968) as amended, the University may issue the thesis or dissertation in whole or in part, in photostat or microfilm or other copying medium.

15. A candidate who fails to satisfy the examiners may, with the permission of the Senate, re-submit his thesis or dissertation in an amended form and/or present himself again for the prescribed examinations on such terms and conditions as the Faculty Board may recommend. If he fails to satisfy the examiners at the second attempt, he shall not be eligible to submit himself again as a candidate for the degree.

16. Notwithstanding the generality of any of these conditions the Senate, on the recommendation of the Faculty Board, may relax any condition in order to provide for exceptional circumstances arising in particular cases.

1 Refer to Policy in Relation to the Operation of Clause 9 (ii) of The Requirements for the Degree of Master of Commerce below.

2 The Degree by Coursework and Dissertation is only offered in the Department of Economics at present and further details of this degree course are available in the Brochure, "Graduate Studies in Economics".

Policy in Relation to the Operation of Clause 9 (ii) of the Requirements for the Degree of Master of Commerce

1. In the normal case, a candidate who has satisfied the requirements for admission to the Bachelor of Commerce (Honours) degree in the University of Newcastle shall be permitted to proceed with his programme of research and thesis without having to undertake additional work.
2. In the normal case, a candidate who has satisfied the requirements for admission to the Bachelor of Commerce (Ordinary) degree in the University of Newcastle shall be required to satisfactorily complete not more than one additional full-time year's work or its equivalent.

3. In the case of a student whose programme extends over more than three terms, permission to proceed with his research and thesis shall be determined on completion of the first year of the programme specified by the Faculty Board.

4. Candidates who have graduated with a pass or ordinary degree from another university shall be required to satisfactorily complete a programme equivalent to that prescribed for Newcastle graduates, with the proviso that such a candidate may be required to complete additional work in order to undertake a particular research programme and thesis. An honours graduate from another university shall be permitted to proceed with a programme of research and thesis without having to undertake additional work unless it is essential to his particular programme.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

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

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

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

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

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

6. Subsequent to registration, the candidate shall pursue a course of advanced study and research for at least nine academic terms, save that any candidate who before registration was engaged upon research to the satisfaction of the Senate, may be exempted from three academic terms.

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

8. (a) The course shall be carried out in a Department of the University.
   (b) Notwithstanding the provisions of subsection (a) of this clause, a candidate may be granted special permission by the Senate to spend a period of not more than three academic terms in research at another institution approved by the Senate.
   (c) The course shall be carried out under the direction of a supervisor or supervisors appointed by the Senate.

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

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

11. On completing his course of study every candidate shall submit a thesis which complies with the following requirements:—
   (i) The greater proportion of the work described must have been completed subsequent to registration for the Ph.D. degree.
   (ii) It must be a distinct contribution to the knowledge of the subject.
12. The thesis shall consist of the candidate's own account of his research. In special cases work done conjointly with other persons may be accepted provided the Senate is satisfied on the candidate's part in the joint research.

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

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

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

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

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

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

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

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

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

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

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

24. In exceptional circumstances the Senate may relax any of these Requirements.

Requirements for the Degree of Doctor of Science

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

2. An applicant for registration for the degree of Doctor of Science shall hold a degree of the University of Newcastle or a degree from another university recognised by the Senate as being equivalent or shall have been admitted to the status of such a degree.

3. The degree shall be awarded on published work although additional unpublished work may also be considered.

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

5. An applicant for registration for the degree shall submit in writing to the Secretary a statement of his academic qualifications together with:

(a) four copies of the work, published or unpublished, which he desires to submit; and

(b) a Statutory Declaration indicating those sections of the work, if any, which have been previously submitted for a degree or diploma in any other university.

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

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

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

In these requirements, the term "published work" shall mean printed in a periodical or as a pamphlet or as a book readily available to the public. The examiners are given discretion to disregard any of the work submitted if, in their opinion, the work has not been so available for criticism.

Guide to Subject Entries

Subject Outlines and Reading Lists are set out in a standard format to facilitate easy reference. The policy adopted in this Handbook for interpretation of the various sections is set out below. This may not necessarily be the same policy adopted for other Faculty Handbooks.
I. Name
The official subject name as included in Schedule of the degree requirements. This name must be used when completing any forms regarding enrolment or variation of enrolment.

II. Prerequisites
Before enrolling in the subject, a student shall have passed the subjects listed as prerequisites. In some cases an advisory prerequisite is stated and although this is not compulsory, it would be a distinct advantage for the student to have passed such a subject. An advisory prerequisite may be stated in terms of N.S.W. Higher School Certificate subjects. A student who has not fulfilled the prerequisite requirements may, in a limited number of cases on the recommendation of the appropriate Head of Department, be permitted by the Dean to enrol concurrently in the prerequisite subject.

III. Corequisite
A corequisite is a subject which should be taken concurrently with another subject if not previously passed.

IV. Hours
Formal sessions which students should attend. Each lecture is of one hour duration and although the normal lecture requirement is for 2 lecture hours per week, the lectures need not necessarily be held consecutively. Students should read the Timetable for details.

V. Examination
The formal examination requirements are stated, however progressive assessment is used in most cases and students are required to submit essays, exercises and, in Accounting I, a practice set as specified by lecturers and tutors. Class tests may also be held during the year. Work completed during the year will be taken into account with a student’s results at the final examination. Failure to submit written work may involve exclusion from examinations.

VI. Content
An outline of subject content.

VII. Suggested Preliminary Reading
A list of reading material which should help the student gain a basic understanding of a subject. This material should be read before attending the first lecture on the subject.

VIII. Texts
Essential books which are recommended for purchase.

IX. References
Students should not restrict their reading to texts and other references are listed to cover various aspects of the subject. Students may need to read all or part of a reference to gain an appreciation of a particular topic.

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411100 Accounting I

Prerequisites: Nil

Hours: 2 lecture hours and 2 tutorial hours per week

Examination: Two 3-hour papers

Content:

Texts:

- Burns, T. J. & Hendrickson, H. S. The Accounting Sampler 2nd edn (McGraw-Hill)
- Colditz, B. T. & Gibbins, R. W. Australian Accounting: The Basis for Business Decisions 2nd edn (McGraw-Hill)
- Accountancy Exercises (University of Newcastle)

References:

- Barton, A. D. The Anatomy of Accounting (Queensland U.P.)
- Buckley, J. W. & Lightner, K. M. Accounting: An Information Systems Approach (Dickenson)
- Carey, J. L. The Rise of the Accounting Profession Vols I & II (A.I.C.P.A.)
- Chambers, R. J. Accounting and Action (Law Book Co.)
- Colditz, B. T. & Gibbins, R. W. Study Guide to Australian Accounting (McGraw-Hill)
- Davidson, S. et al. Financial Accounting (Dryden)
- Gibson, G. J. & Gillard, R. A. The Accounting Process (Butterworths)
- Gole, V. L. Fitzgerald’s Analysis and Interpretation of Financial and Operating Statements (Butterworths)
Beck, G. W.
Bray, F. S.
Chambers, R. J.
Davidson, S. et al.
Edwards, E. O. & Bell, P. W.
Garner, P. & Berg, K. B. (eds)
Gilman, S.
Goldberg, L.
Henderson, S. & Peirson, G.
Hendriksen, E. S.
Hendriksen, E. S. & Budge, B. P.
Jay, W. R. C. & Mathews, R. L.
Johnston, T. R. et al.
Levy, V. M.
Littleton, A. C.
Mattessich, R.
Moonitz, M. & Littleton, A. C.
Mueller, G. G.
Murphy, M. E.
Normanton, E. L.
Paton, W. A. & Littleton, A. C.
Ross, H.
Staubus, G. J.

Public Accountants in Australia — Their Social Role (Australian Accounting Research Foundation)
The Accounting Mission (Melbourne U.P.)
Accounting, Evaluation and Economic Behaviour (Prentice-Hall)
An Income Approach to Accounting Theory (Prentice-Hall)
The Theory and Measurement of Business Income (California U.P.)
Readings in Accounting Theory (Houghton Mifflin)
Accounting Concepts of Profit (Ronald)
Concepts of Depreciation (Law Book Co.)
An Inquiry into the Nature of Accounting (American Accounting Assn)
Issues in Financial Accounting (Cheshire)

Accounting Theory (Irwin)
Contemporary Accounting Theory (Dickenson)
Government Accounting in Australia (Cheshire)
Law and Practice of Company Accounting in Australia (Butterworths)
Public Financial Administration (Law Book Co.)
Structure of Accounting Theory (American Accounting Assn)
Accounting and Analytical Methods (Irwin)
Significant Accounting Essays (Prentice-Hall)
International Accounting (Macmillan)
Advanced Public Accounting Practice (Irwin)
The Accountability and Audit of Governments (Manchester U.P.)
An Introduction to Corporate Accounting Standards (American Accounting Assn)
Financial Statements: A Crusade for Current Values (Pitman)
A Theory of Accounting to Investors (California U.P.)

Storey, R. K.
The Search for Accounting Principles (A.I.C.P.A.)
Vatter, W. J.
The Fund Theory of Accounting (Chicago U.P.)
Wixon, R. et al.
Accountants' Handbook (Ronald)
Inflation Accounting: Report of the Inflation Accounting Committee (HMSO)

413200 Accounting IIB

Prerequisites
Accounting IIB

Hours
2 lecture hours per week

Examination
One 3-hour paper

Content
Selected contemporary problems in the theory and practice of managerial accounting. Topics studied include the development of management accounting, decision theory and information systems, profit planning, cost-volume-profit analysis, incremental analysis, intra company pricing and divisional performance evaluation, product pricing, direct costing, allocation of costs, cost accounting for income determination, feedback of accounting control, behavioural considerations in management accounting and general concepts of management accounting including decision making for small and medium sized manufacturers, management accounting and statistics; production and operations management.

Texts
Articles are selected from Abacus, The Accounting Review, Journal of Accounting Research, Journal of Business, etc. Text books should not be purchased until the course has commenced.

References
Aimey, L. R. & Egginton, D. A.
Management Accounting: A Conceptual Approach (Longman)
Anton, H. R. & Firmin, P. A.
Contemporary Problems in Cost Accounting (Houghton Mifflin)
Benston, G. J.
Contemporary Cost Accounting and Control (Dickenson)
413601 Auditing

Prerequisites            Accounting IIA

Hours                        2 lecture hours per week

Examination               Two 3-hour papers

Content
The concepts and principles of the audit function; historical and contemporary; the scope and limitations of audit practice; auditing standards; the law relating to company audits and auditors; internal controls; programmes and working papers; audit evidence; statistical applications in auditing; the audit of electronically processed accounting data; audit reports.

411300 Commercial Electronic Data Processing

Prerequisites           Introductory Quantative Methods

Hours                   2 lecture hours and 1 tutorial hour per week
Examination
One 3-hour paper and progressive assessment

Content
Components of a business computer system including levels of data; common types of computer programs; file concepts and introductory file organisation and processing; file updating and elementary file design; systems and program flowcharting and decision tables.
Extensive case study work in BASIC with general and comprehensive accounting applications involving system appreciation, elementary system design, and detailed program writing.

Texts
Cook, G. A. et al. Computer Accounting Methods (Petrocelli)
Eliason, A. L. & Kitts, K. D. Business Computer Systems and Application (Science Research Associates)

References
Albrecht, R. L. et al. BASIC (Wiley)
Awad, E. M. Business Data Processing (Prentice-Hall)
Boli, M. Information Processing 2nd edn (S.R.A.)
Boutell, W. S. Computer Oriented Business Systems (Prentice-Hall)
Clifton, H. D. Systems Analysis for Business Data Processing (Business Books)
Dippel, G. & House, W. C. Information Systems (Scott, Foresman)
De Rossi, C. J. Learning BASIC Fast (Reston)

413602 Financial Management

Prerequisites
Accounting I

Hours
2 lecture hours per week

Examination
Two 3-hour papers

Content
An examination of some of the decision making aspects of finance, such as, its goals and functions; methods of capital budgeting; cost of capital; risk analysis and capital budgeting; capital structure; dividend policy; management of current assets; short and intermediate term financing; mergers and takeovers; liquidation and abandonment of assets. A critical evaluation of the role accountants adopt in providing relevant information for financial decisions.

Texts
Brigham, E. F. et al. Cases in Managerial Finance (Holt, Rinehart & Winston)

References
Ayres, F. Mathematics of Finance (McGraw-Hill)
Chambers, R. J. Accounting, Finance and Management (Butterworths)
Cohan, B. & Wyman, H. E. Cases in Financial Management (Prentice-Hall)
Gordon, M. J. The Investment, Financing and Valuation of the Corporation (Irwin)
Jean, W. H. Finance (Dryden)
Jean, W. H. The Analytical Theory of Finance (Holt, Rinehart & Winston)
Johnson, R. W. Financial Management (Allyn & Bacon)
Lerner, E. M. Managerial Finance (Harcourt, Brace & Jovanovich)
Quirin, G. D. The Capital Expenditure Decision (Irwin)
Samuels, J. M. & Wilkes, F. M. Management of Company Finance (Nelson)
Stapleton, R. C. The Theory of Corporate Finance (Harrap)
Weston, J. F. The Scope and Methodology of Finance (Prentice-Hall)
Wolf, H. A. & Richardson, L. Readings in Finance (Appleton-Century Crofts)

413611 Information Systems

Note
Candidates who passed the subject Accounting Systems and Computer Applications or Management Studies prior to 1974 will not be permitted to enroll in this subject.

Basic Marketing (Irwin)

Management Science in Marketing (Prentice-Hall)
The Consumer and Corporate Accountability (Harcourt-Brace)

New Product Management (Dryden)
Fundamentals of Marketing (McGraw-Hill)
International Marketing (Holt, Rinehart & Winston)
Modern Marketing Thought (Macmillan)
Marketing Research: Fundamentals and Dynamics (Dryden)

413901 Measurement Systems

Corequisite Accounting IIIA

Hours 1 lecture hour and 1 tutorial hour per week

Examination One 3-hour paper

Content Symbolic logic, set theory and applications to accounting. Groups, fields and the measurement scales; axiomatic foundations of historic cost accounting (Ijiri and Mattessich); price level adjusted systems; replacement cost and "real" replacement cost measurement (Edwards and Bell); market value systems; "linear programming" and optimization of financial position.

Texts Nil

References

Chambers, R. J. Accounting Evaluation and Economic Behaviour (Prentice-Hall)

Copi, I. Introduction to Logic (Macmillan)


Ijiri, Y. The Foundations of Accounting Measurement (Prentice-Hall)

Mattessich, R. Accounting and Analytical Methods (Irwin)

Sterling, R. R. Theory of the Measurement of Enterprise Income (Kansas U.P.)

412600 Organisational Behaviour

Prerequisites Nil

Hours 2 lecture hours per week

Examination Two 2-hour papers (Terms 1 and 2) One 3-hour paper (Final)

Content Theories and research results relevant to problems of administration from the behavioural sciences viewpoint. Topics include behavioural models, values and attitudes, learning, perception, motivation, creativity, problem-solving, communications, group dynamics and leadership. These are treated in relation to the classical managerial functions, and the management of specialised functional areas, such as personnel, marketing, production and finance.

Texts

Leavitt, H. J. & Pondy, L. R. Readings in Managerial Psychology 2nd edn (Chicago U.P.)

Luthans, F. Organisational Behaviour (McGraw-Hill)

References

Gellerman, S. W. The Management of Human Relations (Holt, Rinehart & Winston)

Leavitt, H. J. Managerial Psychology (Chicago U.P.)

Miner, J. B. Management Theory (Macmillan)

Pugh, D. S. Writers on Organisations (Penguin)

Schein, E. H. Organisational Psychology (Prentice-Hall)

Sutermeister, R. People and Productivity (McGraw-Hill)

Tannenbaum, A. S. Social Psychology of the Work Organisation (Wadsworth)

412601 Quantitative Business Analysis II

Prerequisites Introductory Quantitative Methods

Hours 2 lecture hours per week

Examination One 2-hour paper; progressive assessment and project

Content Quantitative methodology; BASIC programming; mathematics review; decision theory; demography and its applications; CPM/PERT; inventory modelling; linear programming in practice; game theory;
Markov analysis; queueing theory; dynamic programming; business forecasting; elements of simulation; management of quantitative analysis projects in real life.

**Texts**

Anderson, J. et al.  
*Thesis and Assignment Writing* (Wiley)

Levin, R. I. & Kirkpatrick, C. A.  
*Quantitative Approaches to Management* 3rd edn (McGraw-Hill)

Pollard, A. H. et al.  
*Demographic Techniques* (Pergamon)

Starr, M. K. & Stein, I.  
*The Practice of Management Science* (Prentice-Hall)

**References**

Baumol, W. J.  
*Economic Theory and Operations Analysis* (Prentice-Hall)

Hillier, F. S. & Lieberman, G. J.  
*Introduction to Operations Research* (Holden Day)

Taha, H. A.  
*Operations Research: An Introduction* (Macmillan)

Wagner, H. M.  
*Principles of Operations Research* 2nd edn (Prentice-Hall)

### 413607 Securities Analysis

**Prerequisites**

Financial Management

**Hours**

2 lecture hours per week

**Examination**

Two 3-hour papers

**Content**

Returns and risks associated with securities investment; the structure and regulation of capital markets; financial statement analysis; stock price valuation models; the efficient market hypothesis; portfolio theory; the capital asset pricing model; investment management performance evaluation; option pricing.

**Texts**

Lorie, J. H. & Hamilton, M. T.  
*The Stock Market: Theories and Evidence* (Irwin)

Twark, A. J. et al.  
*Security Analysis and Portfolio Management: A Casebook* (Holden Day)

**References**

Amling, F.  
*Investments* (Prentice-Hall)

Brealey, R. A.  
*An Introduction to Risk and Return from Common Stocks* (M.I.T. Press)

### 413609 Taxation

**Prerequisites**

Accounting I

**Hours**

2 lecture hours and 1 tutorial hour per week

**Examination**

Two 3-hour papers

Students will be permitted to take copies of the Statutes referred to in the Reading Guide into the annual examination, provided the copies are not marked otherwise than by underlining.

**Content**

Income tax law and practice; the Income Tax Assessment Act; the calculation of taxable income and of tax payable in respect of different classes of taxpayer; rebates of tax; collection of income tax; assessments, objections and appeals; sales tax assessment and collection; payroll tax.

**Texts**

Mannix, E. F. & Harris, D. W.  
*Australian Income Tax Guide* (latest edn) (Butterworths)

OR

C.C.H.  
1977 *Australian Master Tax Guide Accountancy Exercises* (University of Newcastle)
413612 Theories of Organisation

**Prerequisites**
Organisational Behaviour

**Hours**
2 lecture hours per week

**Examination**
Two 3-hour papers

**Content**
The influence of politics, power and conflict: topics include organisations and the rationalisation of work; organisational structures; bureaucracies as working communities; the scientific management movement; Mayo and the Hawthorne experiments; Kurt Lewin and field theory; group membership and intergroup conflict; search for principles of management; worker participation models; organisational development; and propositions of organisational behaviour.

**Texts**
Poole, M. *Worker Participation in Industry* (Routledge & Kegan Paul)
Sofer, C. *Organisations in Theory and Practice* (Heinemann)

OR

Mouzelis, N. P. *Organisation and Bureaucracy - An Analysis of Modern Theories* (Routledge & Kegan Paul)

**References**
Argyle, M.
Brown, W.
Kast, F. & Rosenzweig, J. E.
Katz, D. & Kahn, R. L.
Kerr, C. et al.
Klein, L.
March, J. G. & Simon, H. A.
Margulies, N. & Raid, A. P.
Silverman, D.
Woodward, J.

412300 Accounting Seminar I (Additional work required for honours degree in Accounting.)

**Note**
This subject is taken in Year II of the full-time honours degree in Accounting, (or equivalent part-time stages).

**Prerequisites**
Nil

**Hours**
2 seminar hours per week

**Examination**
Assessment of seminar paper

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

**Texts**
Nil (but each student will be referred to material relevant to his research.)
413300 Accounting Seminar II (Additional work required for honours degree in Accounting.)

Note
This subject is taken in Year III of the full-time honours degree in Accounting (or equivalent part-time stages).

Prerequisites
Nil

Hours
2 seminar hours per week

Examination
Assessment of seminar paper

Content
The theory and measurement of accounting profit.

Texts
Nil

References
Backer, M. (ed.)
Baxter, W. T. & Davidson, S. (eds)
Bedford, N. M.
Chambers, R. J. et al.
Davidson, S. et al.
Edwards, E. O. & Bell, P. W.
Garner, P. & Berg, K. B.
Gilman, S.
Goldberg, L.
Hansen, P.
Hendriksen, E. S.
Johnston, T. R. et al.
Norris, H.
Parker, R. H. & Harcourt, G. C. (eds)
Paton, W. A. & Littleton, A. C.

414100 Accounting IV

Note
This subject is taken in Year IV of the full-time honours degree in Accounting (or equivalent part-time stages).

Prerequisites
See The Honours Degree — Accounting, page 17

Hours
6-8 hours per week

Examination
Not less than four 3-hour papers

Content
(1) Analytical studies and supervised independent research in advanced financial and management accounting with emphasis on contemporary accounting theory and problems; e.g., Accounting IIA or Accounting IIB (whichever not taken previously), methodology of accounting theory formation, contemporary accounting thought, measurement systems, international comparisons of accounting methods and theories.

(2) Research Essay.

Note
The Research Essay (one copy only) should normally be submitted by the first day of the third term of the final year.

Text
Mueller, G. G. International Accounting (Macmillan)

References
American Accounting Association A Statement of Basic Accounting Theory
American Institute of Certified Public Accountants Professional Accounting in 30 Countries
Backer, M. (ed.) Modern Accounting Theory (Prentice-Hall)
Bedford, N. M. Income Determination Theory: An Accounting Framework (Addison-Wesley)


410112 Advanced Financial Management

Prerequisites

Financial Management (Advisory)

Hours

2 lecture hours per week

Examination

One 3-hour paper

Content

The course is designed to study, in depth, problem areas in financial management. Topics covered will include capital budgeting under uncertainty and capital rationing, capital structure, dividend policy, mergers and acquisitions, divestiture, adequacy of published financial statements, portfolio management and the application of computers to investment management.

Case studies will be used extensively.

Texts

Nil

References

Archer, S. H. 
Bierman, H.
Burton, J. C. (ed.)
Butters, J. K.
Chen, H. D. (ed.)
Haley, C. W. & Schall, L. D.
Lew Melnyk, Z. & Bathgrover, C. L.
Serraino, W. J. et al.
The Institute of Chartered Financial Analysts
Weston, F. J. & Woods, D. H.

410122 Advanced Taxation

Prerequisites Taxation (Advisory)

Hours 2 lecture hours per week

Examination One 3-hour paper

Content The history of income tax in Australia. An intensive study of income tax law and practice as it applies to individuals, partnerships, companies, trusts and superannuation funds, including the study of selected Board of Review decisions and judgments of the Courts; international tax agreements; case studies in tax planning; the taxation of capital gains; other income, wealth, expenditure taxes; tax reform.

Texts
Mannix, E. F. 
Mannix, E. F. & Harris, D. W.
OR
C.C.H.
Ryan, K. W.

Australian Income Tax Leading Cases (Butterworths)
Australian Income Tax Guide (Butterworths)
1977 Australian Master Tax Guide (Butterworths)

References
Adams, P. R.
Bock, F. C. & Mannix, E. F.
C.C.H.
Hardingham, I. J. & Baxt, R.
Knight, E. S. et al.
Sweeney, C. A. & Telfer, J. H.

Statutes
Income Tax Assessment Act, 1936-1975 (Australian Govt Publishing Service)
Income Tax (International Agreements) Act, 1953, as amended (Australian Govt Publishing Service)
Income Tax Regulations (Australian Govt Publishing Service)

410114 Behavioural and Social Framework in Business

Prerequisites Organisational Behaviour (Advisory)

Hours 2 lecture hours per week

Examination An examination each half year

Content Behavioural Framework in Business: Theories and research results relevant to management problems, from the behavioural science standpoint. Topics include management functions, values, attitudes, learning, perception, personality, motivation, creativity, problem-solving, introduction to communications, group dynamics, leadership.
and related socio-psychological topics. Some emphasis on professional development in management.


Texts
Brown, W.
Kelly, J.
Pugh, D. S. (ed.)
Yuill, B. & Steinhoff, D.

References
To be advised

410103 Commercial Programming

Prerequisites
Commercial E.D.P. (Advisory)

Hours
2 lecture hours per week for 1st half year plus readings and extensive practical work for 2nd half year

Examination
Part A — Two 3-hour papers (i) Theory at midyear
Part B — One 3-hour paper (ii) Cobol at end of year

Content
Part A — Cobol
Basic concepts of file handling and file maintenance, including file creation and processing.
Flow charting; file merging and updating of transactions; tape blocking and buffering.
General run types including editing, searching, and sorting. Direct access versus serial; random or sequential organisation; Rerun techniques; verifying programme accuracy; table lookup; programme documentation and use of test data.
COBOL as a business data processing and file organisation language. Extensive practical work in COBOL, including case studies.

Part B — Social Implications of Computers
The spectrum of political, legal, managerial, philosophical, ethical and social issues; human variables associated with strategies of change; impact upon organisation structures; socio-technical systems; effects upon communication, privacy, public justification.

Texts
I.C.L.
Feingold, C.

References
Clifton, H. D.
Davis, G. B. & Litecky, C. R.
DeRossi, C. J.
Kapur, G. K.
Laden, H. N. & Gildersleeve, T. R.
McCracken, D. D. et al.
Murach, M.
Sanders, D. H.
Sprowls, R. C.
Stern, N. B. & R. A.
Watters, J. L.

410106 Corporate Strategy

Prerequisites
Organizational Behaviour (Advisory)

Hours
2 lecture hours per week

Examination
One 3-hour paper

Content
An integrating course with a general management point of view. Includes evaluation, determination, implementation and administration of policies of the business enterprise. The course utilizes case studies and a computerized business policy game.
430102 International and Interstate Business Law
See Department of Legal Studies, page 129

410115 Marketing Management
Prerequisites Marketing (Advisory)
Hours 2 lecture hours per week
Examination Progressive assessment plus paper at end of year

Content Marketing Management: Analysis of marketing from the viewpoint of the decision-maker, including study of the marketing concept, market research, market segmentation, product development, pricing strategy, channels of distribution, personal selling and promotion. Consideration will also be given to how these topics are affected by the following exogenous variables — consumer behaviour, the economic environment, competitive structure and legal constraints.

Texts Kotler, P.
Zaltman, G. & Burger, P.

The National Computing Centre Systems Analysis and Design Student Notes will be supplied

Wohl, G. & D'Angelico, M.

References Chandor, A. et al. Practical Systems Analysis (Rupert, Hart & Davis)
Clifton, H. D. Systems Analysis for Business Data Processing (Wiley)
Daniels, A. & Yeates, D. Basic Training in Systems Analysis (Pitman)
Glans, T. B. et al. Management Systems (Holt, Rinehart & Winston)
Hare, Van Court  
Optner, S. L.  
Orilia, L. et al.  
Weiss, E. A.  

*Systems Analysis: A Diagnostic Approach* (Harcourt, Brace & World)  
*Systems Analysis for Business Management* (Prentice-Hall)  
*Business Data Processing Systems* (Wiley)  
*Computer Usage/Applications* (McGraw-Hill)

**410110 Research Essay**

**Prerequisites**  
Nil

**Content**  
Students are expected to attend a course in Research Methodology which will be offered for 1 hour per week during Term 1. The Research Essay (one copy only) should normally be submitted by the first day of the third term.

**Texts**  
Berenson, C. & Colton, R.  
Rigby, P. H.  

*Research and Report Writing for Business and Economics* (Random House)  
*Conceptual Foundations of Business Research* (Wiley)

**Reference**  
Strunk, W. & White, E. B.  

*The Elements of Style* (Macmillan)

**DEPARTMENT OF ECONOMICS**

**421100 Economics I**

**Prerequisites**  
Nil

**Hours**  
3 lecture hours and 1 tutorial hour per week

**Examination**  
One 3-hour paper plus progressive assessment

**Content**  
Introduces the basic economic problem (the problem of scarcity) and reviews the relevance of the main areas of economic study to this problem. Theories and aspects of such topics as employment, economic allocation, the distribution of income, and growth and development are broadly reviewed in the beginning to provide a background for later studies. While elementary macroeconomic concepts and theories are introduced at various points in this course, the course principally concentrates on microeconomics but in a way which integrates it with other areas of economics.

Following the introductory review, the course concentrates on the theory of individual and market demand. There is also some discussion of macroeconomic concepts of demand. Concepts of supply and market equilibrium are introduced, and the macroeconomic Keynesian analogue to Marshallian market equilibrium is discussed. After an analysis of the production function and costs of production, the course examines various types of market competition and their economic implications. Perfect competition, monopoly, oligopoly and other types of imperfect competition are considered. Attention is paid to the results of both theoretical and empirical studies. A section then follows analysing the pricing and employment of productive services and some macroeconomic extensions of distribution theory are considered. A concluding section of the course deals with various aspects of economic welfare.

Throughout the course special attention will be given to the institutional context in which economic decisions are made.

**Background Reading**  
Heyne, P.  
Lipsey, R.  
Samuelson, P. et al.  

*The Economic Way of Thinking* (Science Research Associates)  
*Positive Economics* 2nd edn (Weidenfeld)  
*Economics* 2nd Australian edn (McGraw-Hill)

**Texts**  
Tisdell, C.  

*Economics of Markets: An Introduction to Economic Analysis* (Wiley 1974)  
*Workbook to Accompany the Economics of Markets* (Wiley 1975)

and one of the following -  
Cole, C. L.  
Hirshleifer, J.  
Leftwich, R. H.  
Mansfield, E.  

*Price Theory and Applications* (Prentice-Hall 1976)  
*Microeconomics, Theory and Application* 2nd edn (Norton 1975)

Notes will be distributed on topics not covered by the above texts.

**References**  
To be advised
421107 Introductory Quantitative Methods (Replaces Economic Statistics I)

Prerequisites
Nil

Hours
3 hours of lectures and tutorials per week in small groups

Examination
One final 3-hour paper and progressive assessment

Content
This course is an introductory course aimed at giving students an understanding of basic quantitative methods used in economics and business. The course covers three broad areas: elementary statistics, mathematical techniques in economics and elementary computing.

Elementary Statistics: Topics covered include probability, measures of central tendency and dispersion, introductory sampling and sampling distributions, hypothesis testing, linear regression and correlation analysis, time series analysis and index numbers.

Mathematical Techniques: Topics covered include the use of functions in economics, elementary calculus and matrices in economics and Mathematics of Finance.

Elementary Computing: Students will be taught BASIC programming and how to use the Faculty's computing facilities.

Preliminary Reading
Moroney, M. J. Facts from Figures (Penguin)

Texts
Newton, B. L. Statistics for Business (S.R.A. 1973)

References
Pollard, A. H. An Introduction to the Mathematics of Finance (Pergamon 1968)
Shao, S. P. Statistics for Business and Economics (Merrill)

Yamane, T. Statistics - An Introductory Analysis (Harper)

421105 Economic History I

Prerequisites
Nil

Hours
2 lecture hours and 1 tutorial hour per week

Examination
Assessment by major essays, tutorial papers and an end-of-year examination

Content
Economic development in history; a comparative approach. Major case studies include West Africa, China and Western Europe, before and after the Industrial Revolution.

Preliminary Reading
Cipolla, C. M. The Economic History of World Population 5th edn (Penguin 1970)

Texts
Davis, R. The Rise of the Atlantic Economies (Weidenfeld & Nicolson 1973)

References
Cipolla, C. M. (ed.) Fontana Economic History of Europe Vols I-III (1972-74)
Cohen, B. J. The Question of Imperialism (Macmillan 1974)
Elvin, M. The Pattern of the Chinese Past (Methuen 1973)
Hopkins, A. G. An Economic History of West Africa (Longmans 1973)
Kenwood, A. G. & Lougheed, A. L.  
Malthias, P.  
The First Industrial Nation (Scribners 1969)
Robertson, R. M.  
History of the American Economy 3rd edn (Harcourt Brace 1973)
Rostow, W. W.  
How It All Began (Methuen 1974)
Supple, B. E. (ed.)  
The Experience of Economic Growth (Random House 1963)
Youngson, A. J. (ed.)  
Economic Development in the Long Run (Allen & Unwin 1972)

422108 Economic History II

Prerequisites  
Economic History I or Economics I

Hours  
3 lecture hours and 1 tutorial hour per week

Examination  
One 3-hour and one 2-hour paper

Content  
The major economic changes that occurred in Europe in the nineteenth century, their background in the eighteenth century and their outcome in the twentieth century. Economic interaction and the rippling effects of economic change at both the international and the intersectoral levels will be a major theme of the course. While special attention is given to case studies in Britain, France, Germany and Russia, other countries will be introduced for purposes of comparison.

Texts  
Cipolla, C. M. (ed.)  
Fontana Economic History of Europe Vols III & IV (1973)
Deane, P.  
The First Industrial Revolution (Cambridge U.P. 1967)

References  
Crouzet, F. (ed.)  
Essays in European Economic History (Arnold 1969)
Deane, P. & Cole, W. A.  
British Economic Growth 1688-1959 (Cambridge U.P. 1964)
Gerschenkron, A.  
Economic Backwardness in Historical Perspective (Harvard U.P. 1969)
Landes, D. S.  
The Unbound Prometheus (Cambridge U.P. 1969)

423106 Economic History III

Prerequisites  
Economic History II or Economics II

Hours  
2 lecture hours per week

Examination  
End of year examination and progressive assessment

Content  
Comparative economic history of Japan, China and Indonesia from the perspectives of the size and distribution of economic surplus, the evolution of the market economy, the growth of cities, technological and organisational dualism, and the role of government and private entrepreneurship.

References  
Allen, G. C.  
A Short Economic History of Modern Japan 3rd edn (Allen & Unwin 1972)
Day, C.  
The Dutch in Java reprint (Oxford U.P. 1972)
Elvin, M.  
The Pattern of the Chinese Past (Eyre Methuen 1973)
Feuerwerker, A.  
China’s Early Industrialization (Harvard U.P. 1958)
Geertz, C.  
Peddlers and Princes (Chicago U.P. 1963)
Geertz, C.  
Agricultural Involution (California U.P. 1966)
Hall, J. W. & Jansen, M. B. (eds)  
Hou, C. M.  
Foreign Investment and Economic Development in China 1840-1937 (Harvard U.P. 1965)
Smith, T. C. *The Agricultural Origins of Modern Japan* (Stanford U.P. 1958)

422203 Economics II

**Prerequisites** Economics I

**Hours** 3 lecture hours and 1 tutorial hour per week

**Examination** One 3-hour paper

**Content**
The elementary macroeconomic concepts introduced in Economics I are developed into a comprehensive examination of the determinants of aggregate economic activity. The microeconomic foundation of macroeconomic analysis is examined and the concept of general equilibrium is introduced. Conventional static models of economic activity, including both product and monetary markets, are examined from the Keynesian and Monetarist points of view. Dynamic implications are introduced and extended into a preliminary discussion of the nature and causes of economic fluctuations and growth. Emphasis is given to the welfare implications of macroeconomic analysis, particularly in relation to policy goals associated with levels of employment, price stability and economic growth. Reference is made to externalities associated with macroeconomic policy measures, particularly as they affect the non-economic welfare of society. Special attention is given to the institutional context in which macroeconomic decisions are made and the role of the government and international sectors.

**Texts**
Wonnacott, P. *Macroeconomics* (Irwin 1974)

**References**

Keynes, J. M. *General Theory of Employment, Interest and Money* (Macmillan)
Trevithick, J. A. & Mulvey, C. *The Economics of Inflation* (Martin Robinson 1975)
Harris, C. P. The Economics of the Financial Sector 2nd edn (Cheshire 1975)

422105 Economic Statistics II
Prerequisites Introductory Quantitative Methods or Mathematics IIB Topic H
Hours 2 lecture hours and 1 tutorial hour per week
Examination One 3-hour paper
Content
Statistical application is emphasised rather than theory and topics include probability, random variables and their distribution, sampling, classical hypothesis testing and estimation, analysis of variance, regression analysis, Bayesian decision theory and non-parametric techniques. A short course on BASIC programming is included and students make extensive use of computer facilities.

Text

References
Costis, H. G. Statistics for Business (Merrill 1972)

422106 Statistical Analysis
Prerequisites Introductory Quantitative Methods or Mathematics IIB Topic H
Hours 2 lecture hours per week
Examination One 3-hour paper
Content
(i) Mathematical Statistics
(ii) General Linear Regression Model
(iii) Input-Output Analysis

422201 Industry Economics
Prerequisites Economics I
Hours 2 lecture hours per week
Examination One 3-hour paper and progressive assessment
Content
The study of industrial structure and organisation with particular reference to Australian industry. The subjects include: the large corporation in modern industry including time and the value of the firm, risk and the value of the firm; imperfect information, the modern industrial firm, integration, diversification and merger, research and technology change; the structure and performance of industry including the organisation of industry, entry and the growth of firms, and oligopoly pricing and marketing; the regulation of monopoly and controlling the performance of industry including laws designed to promote competition, competitive market failure, second best price and output and the regulated monopoly firm.

Text

References
Aaronovitch, S. & Sawyer, M. Big Business (Macmillan 1975)
422202 Labour Economics

Prerequisites
Economics I

Hours
2 lecture hours per week

Examination
One 3-hour paper and progressive assessment

Content

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

Preliminary Reading
Portus, J. H. Australian Compulsory Arbitration 1900-1970 (Hicks Smith 1971)

Texts
Horn, R. V. Labour Market Economics - Australia (Cheshire 1975)


References

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


Perlman, R. Labor Theory (Wiley 1969)

Rees, A. The Economics of Work and Pay (Harper & Row 1973)


Whitehead, D. Stagflation and Wages Policy in Australia (Longman 1973)


422206 Comparative Economic Systems

Prerequisites
Economics I

Hours
3 lecture hours per week

Examination
One 3-hour paper and progressive assessment
A one-year course which compares theoretical economic systems and the actual economic systems of selected countries. A part of the course deals with capitalists and socialist economic systems and their variants and examines the convergence theory. The theoretical conceptions of various economists about the operation of alternative economic systems are scrutinised. The course goes on to discuss the extent to which the types of systems operating in advanced socialist and capitalist societies are relevant to less developed countries and in which some less developed countries are evolving different systems.

The choice of an ideal economic system involves normative considerations to some extent, and raises questions which are now discussed by some economists under the heading of Political Economy.

References

Baran, P. & Sweezy, P. M. Monopoly Capital (Penguin 1966)
Cohen, B. J. The Question of Imperialism (Macmillan 1974)
Friedman, M. Capitalism and Freedom (Chicago U.P. 1962)
Galbraith, J. K. The New Industrial State (Hamish Hamilton 1967)
Galbraith, J. K. The Underdeveloped Country (Canadian Broadcasting Commission 1967)
Mermelstein, D. Economics, Mainstream Readings and Radical Critiques 2nd edn (Random House 1973)
Papandreou, A. G. Paternalistic Capitalism (Minnesota U.P. 1972)
Schumpeter, J. A. Capitalism, Socialism and Democracy (Unwin 1943, 1965)

Siedman, Ann Comparative Development Strategies in East Africa (East Africa Publishing House 1972)

422110 Industrial Relations II

Prerequisites One of: Economics I, Economic History I or Legal Studies I. Additionally, students are advised to read in Labour Economics and Organisational Behaviour prior to, or concurrent with Industrial Relations II

Hours 2 lecture hours per week

Examination One 3-hour paper plus assignments

Content

The purpose of this course is to provide students with an introduction to industrial relations concepts and tools of analysis in the context of Australian industrial relations.

The approach taken in the subject is intended to highlight the interdisciplinary nature of the study of industrial relations.

The course opens with an introductory segment. It then turns to consider a number of main themes within each of which a variety of specific issues and problems are examined.

The main themes considered are: man in industrial society; trade unionism and the labour movement; employers' associations; the processes of job regulations; conflict in industry.

Preliminary Reading
Child, J. Unionism and the Labour Movement
Martin, R. M. Trade Unions in Australia
Portus, J. H. Australian Compulsory Arbitration 1900-1970

Texts/References

Blackburn, R. (ed.) Ideology in Social Science
Burns, T. (ed.) Industrial Man


**423104 Growth and Development**

**Prerequisites**
Economics II

**Hours**
3 lecture hours per week

**Examination**
Two 3-hour papers, (i) at the end of the first half of the academic year and (ii) in the end of the academic year examination period

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

The second half of the course will study underdeveloped countries with specific focus upon their dualistic nature. The structure of the rural and urban economies of the typical underdeveloped country will be investigated in order to understand underdevelopment and hence design development strategies. Theoretical models will be supplemented with case studies from Asia throughout this half of the course.

(i) Growth:

**Text**
Models of Economic Growth (Harper International 1973)

**Preliminary Reading**
The Economics of Cycle and Growth (Wiley 1968)

(ii) Development:

**Text**
No specific text is required. Students will be required to read articles and chapters from books relevant to the various sections of this half of the course.

**References**
Bauer, P. T. Dissent on Development (Weidenfeld & Nicolson 1971)
Enke, S. Economics for Development (Dobson 1963)
Myrdal, G. Asian Drama (Twentieth Century Fund 1968)
Myint, H. The Economics of Developing Countries 3rd edn (Hutchinson 1967)
Szentes, T. The Political Economy of Underdevelopment (Budapest: Akademiai Kiado 1973)

**423102 International Economics**

**Prerequisites**
Economics II

**Hours**
2 lecture hours per week and 1 seminar hour per fortnight
Examination

One 3-hour paper

Content

(i) The pure theory of international trade. Comparative costs, the Heckscher-Ohlin theorem. Critical assessment of these and other theories of trade. The theory of protection; tariffs and quota restrictions on imports. Australian protection policy. Customs union theory. Relationships between economic growth and trade.


Texts


OR

Scammell, W. M.  International Trade and Payments (Macmillan 1974)

Snape, R. H.  International Trade and the Australian Economy 2nd edn (Longman 1973)


References


Clement, M. O. et al.  Theoretical Issues in International Economics (Constable 1967)


Heller, H. R.  International Monetary Economics (Prentice-Hall 1974)

Kindleberger, C. P.  International Economics 5th edn (Irwin 1973)

Corequisites
Two of: Growth and Development
International Economics
Public Economics

Hours
1½ seminar hours per week, alternating between the 2 subjects selected

Examination
One 3-hour paper

Content
At least two of the areas of
Public Economics
International Economics
and
Growth and Development

423203 History of Economic Thought

Prerequisites
Economics II

Hours
2 lecture hours and 1 seminar hour per week

Examination
One 3-hour paper

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

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

Ekelund, R. B. & Hebert, R. F.  
A History of Economic Theory and Method  
(McGraw-Hill)

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

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

References
Gordon, B.  
Economic Analysis Before Adam Smith  
(Macmillan)

423207 Theory of Economic Policy

Prerequisites
Economics II

Hours
2 lecture hours per week

Examination
One 3-hour paper

Content
(i) The logic, design and implementation of economic policy. A priori welfare criteria and discussion of their applicability to the assessment of macro policy, several policy models are discussed, ranging from the simple satisficing type model to attempts to derive policy from a social welfare function. Case studies of macro policy with special reference to Australian problems.

(ii) The welfare foundations of microeconomic policy. Approaches to microeconomic policy adopted by governments in recent years. Theoretical and practical issues which arise with the implementation of microeconomic policies. The rationale for post-disaster co-operation, direct controls versus taxes, obtaining a consensus on redistributive policies, patenting and licensing of government inventions, voting versus pricing mechanisms, occupational licensing, subsidies in transport and trading in public goods.

Texts
Culyer, A. J.  
The Economics of Social Policy (Martin Robertson 1973)

Shaw, G. K.  
Macroeconomic Policy 2nd edn  
(Robertson)

Winch, D. M.  
Analytical Welfare (Penguin)

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

Tinbergen, J.  
Economic Policy: Principles and Design  
(North-Holland 1967)

Tinbergen, J.  
423208  Econometrics I

**Prerequisites**  
Economic Statistics II or Statistical Analysis

**Hours**  
2 lecture hours per week

**Examination**  
One 3-hour paper

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

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

**References**

- Fox, K. A.  
*Intermediate Economic Statistics* (Wiley)
- Goldberger, A.  
*Econometrics* (Wiley)
- Hadley, G.  
*Linear Algebra* (Addison-Wesley)
- Huang, D. S.  
*Regression and Econometric Methods* (Wiley)
- Kmenta, J.  
*Elements of Econometrics* (Macmillan)
- Koutsoyiannis, A.  
*Theory of Econometrics* (Macmillan)
- Wonnacott, R. J. & T. H.  
*Econometrics* (Wiley)

423204  Mathematical Economics

**Prerequisites**  
Economics I

**Advisory Prerequisite**  
Second Level Short Course Mathematics or its equivalent

**Hours**  
3 lecture hours per week

**Examination**  
One 3-hour paper

**Content**  
(i) The mathematical reformulation and interpretation of traditional micro- and macro-economic theory.
(ii) Modern capital and growth theory and mathematical programming.

423206  Labour Relations  (To be replaced by Industrial Relations III in 1978)

**Prerequisites**  
Labour Economics

**Hours**  
2 lecture hours per week and 1½-2 hours seminar per fortnight

**Examination**  
One 3-hour paper and progressive assessment

**Content**  
(i) Industrial and labour relations behaviour. Theories of the labour movement, the nature of work and alienation, the emergence and impact of large business and bureaucratic organisations, collective bargaining negotiation and general industrial relations theory.
(iii) The nature of industrial conflict, workers' participation in management and white collar unions.

Preliminary Reading
Martin, R. M.


Texts
Chamberlain, N. W. & Kuhn, J. W.
Hyman, R.
Isaac, J. E. & Ford, G. W. (eds)
Kerr, C. et al.
Matthews, P. W. D. & Ford, G. W.
Sturmthal, A.
Walker, K. F.

References
Child, J.
Clarke, R. O. et al.
Dunlop, J. T.
Flanders, A. (ed.)
Fox, A.
Howard, W. & Riach, P.
I.L.O.
Reynolds, L. G.

Unionism and the Labor Movement (Macmillan 1971)
Workers' Participation in Management in Britain (Heinemann 1972)
Industrial Relations Systems (Southern Illinois U.P. 1971)
Collective Bargaining (Penguin 1969)
A Sociology of Work in Industry (Collier Macmillan 1971)
Productivity Agreements and Australian Wage Determination (Wiley 1973)

424100 Economics IV — (Advanced Economic Analysis)

Content
Students are offered a choice between alternative programmes:
(i) Topics chosen from those listed below comprising at least 4 units plus a thesis embodying results of a research investigation.
OR
(ii) Topics chosen from those listed below comprising at least 6 units.

In 1977 the topics to be offered are —

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<thead>
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<th>Units</th>
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<td>Economic Development</td>
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<tr>
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<td>Microeconomic Theory</td>
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<td>Special Topic (Economics of Inflation)</td>
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<td>Welfare Economics</td>
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<td>Plus</td>
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<tr>
<td>Econometrics I (where approved)</td>
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424111 Econometrics II

Prerequisites
Requirements for Honours degree

Hours
2 lecture hours per week

Examination
One 3-hour paper

Content
Basically a continuation of Econometrics I, with its prime interest being on the problems involved in econometric model building and simultaneous estimation. An introduction is also given to Spectral Analysis and Bayesian Estimation Techniques. Each student will be expected to complete a piece of applied econometric research.
References
Brown, T. M.
Bridge, J. L.
Christ, C. F.
Dhrymes, P.
Fishman, G. S.
Hood, W. C. & Koopmans, T. C.
Klein, L. R. et al.
Malinvaud, E.
Theil, H.

424107 Economic Development

Prerequisites
Requirements for Honours degree

Hours
2 lecture hours per week

Examination
One 3-hour paper and progressive assessment

Content
The course commences with a general discussion of the nature of underdevelopment and of what constitutes development. Attention is then focused on development and underdevelopment in an historical perspective. Some theoretical models of development in a dual economy are then advanced. The dualistic structure of less developed countries is further investigated and explanations of this structure are advanced. These latter discussions lead into the policy section of the course where issues such as investment, allocation criteria, agricultural development, industrialisation and financing development are taken up.

Text

References
Baran, P.

424106 Economic Planning

Prerequisites
Requirements for Honours degree

Hours
2 lecture hours per week

Examination
One 3-hour paper

Content
The study of the theory and implementation of economic planning, with particular emphasis on the economic behaviour of the system as a whole rather than the behaviour of households and firms.

(i) The logic, properties and operational aspects of planned systems in command economies as well as mixed economic systems.
(ii) Some technical aspects of planning, e.g., input-output systems, shadow pricing and linear programming.
(iii) Case studies of applied planning systems, with an emphasis on meaningful cross-country comparisons.

The course is as free of ideological bias as humanly possible and, for convenience, ignores problems of statistical estimation.

References
Chakravarty, S. The Logic of Investment Planning (North-Holland 1968)
Heal, G. M.  
Kohler, H.  
Lange, O. &  
Taylor, F. M.  

*The Theory of Economic Planning* (North-Holland 1973)  

424108 History of Modern Economic Thought (May not be offered in 1977)

**Prerequisites**  
Nil

**Hours**  
2 lecture hours per week

**Examination**  
One 3-hour paper

**Content**  
The significance of contemporary economic analysis cannot be appreciated fully without an awareness of the thought of earlier economists. Such awareness provides perspective for judgment of the strengths and weaknesses of the analytical tools and techniques fashionable in currently orthodox economics.  
A perspective based on consideration of economic thought in the decades immediately preceding "the Keynesian revolution", the popularisation of econometrics and other notable developments. The period dealt with ranges from 1890 to the mid 1930s. British economic thought from Alfred Marshall to John Maynard Keynes and American economic thought from John Bates Clark to Wesley C. Mitchell and leading Continental contributions are considered.

**Text**  
Napoleoni, C.  

*Economic Thought of the Twentieth Century* (Martin Robertson 1972)

**References**  
Blaug, M.  

*Economic Theory in Retrospect* (Heinemann)  

Hutchison, T. W.  


Schumpeter, J. A.  

*Ten Great Economists* (Oxford U.P. 1951)  

Seligman, B. B.  

*Main Currents in Modern Economics* (Free 1962)  

Shackle, G. L. S.  

*The Years of High Theory* (Cambridge U.P. 1967)  

Stigler, G. J.  

*Production and Distribution Theories* (Macmillan 1941)

424114 Macroeconomic Theory

**Prerequisites**  
Requirements for Honours degree

**Hours**  
2 lecture hours per week

**Examination**  
One 3-hour paper

**Content**  
(i) The static Keynesian theory of national income determination, the multiplier analysis, the demand and supply of money, the term structure of interest rates, consumption and investment functions and the microeconomic foundations of macro theory. (ii) The analysis of dynamic problems of business cycles and economic growth (iii) The theory of economic policy. Special considerations are given to the problems of stagflation and economic growth.

**References**  
Aschheim, J.  

*Macroeconomics — Income and Monetary Theory* (Merrill 1969)  

Bailey, M. J.  


Evans, M. K.  


Gurley, J. C. & Shaw, E. S.  

*Money in a Theory of Finance* (Brooking 1960)  

Hagger, A. J.  

*Price Stability, Growth and Balance* (Cheshire 1968)  

Hansen, B.  


Johnston, H. G.  

*Macroeconomics and Monetary Theory* (Gray Mills 1971)  

Keynes, J. M.  

*The General Theory of Employment, Interest and Money* (Harcourt, Brace & World 1936)  

Leinsonhufvud, A.  


Ott, D. J. et al.  


Patinkin, D.  

*Money, Interest and Prices* 2nd edn (Harper & Row 1965)  

Pesek, B. P. & Saving, T. R.  


Smith, W. L. & Teigen, R. (eds)  

*Readings in Money, National Income and Stabilization Policy* (Irwin)  

Sweeney, R. J.  

*A Macro Theory with Micro Foundations* (South-Western 1974)
424103  Microeconomic Theory

Prerequisites  Requirements for Honours degree

Hours  2 lecture hours per week

Examination  One 3-hour paper

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

Texts
Tisdell, C.  Microeconomics: The Theory of Economic Allocation (Wiley 1972)

References
No single text is suitable and a 'full reading list will be supplied. Background texts of relevance include:
Becker, G.  Economic Theory (Knopf 1971)
Brems, H.  Quantitative Economic Theory (Wiley 1968)
Intriligator, M. D.  Mathematical Optimization and Economic Theory (Prentice-Hall 1971)
Malinvaud, E.  Lectures on Microeconomic Theory (North-Holland 1972)

424109  Regional Economics

Prerequisites  Requirements for Honours degree

Hours  2 lecture hours per week

Examination  Progressive assessment plus one 2-hour paper

Content
The application of economic analysis to the economic activity and problems of sub-national areas, defined by homogeneity, nodality or programming criteria. Topics include: regional accounts, input-output descriptions of regional economies and gravity models; regional income determination and regional growth; impact of growth on the economic structure of regions; regional impacts of national policy and the design of regional policy under the dual constraints of national objectives and regional structure. Selected case studies stress cross-country comparisons of regional policies.

Text
Richardson, H.  Regional Economics (Weidenfeld & Nicolson 1969)

References
Boudeville, J. R.  Problems of Regional Economic Planning (Edinburgh U.P. 1966)
Dean, R. D. et al. (eds)  Spatial Economic Theory (Free Press 1970)
Isard, W.  Methods of Regional Analysis (M.I.T. Press 1960)
Leahy, W. J. et al. (eds)  Urban Economics (Free Press 1970)
McKee, D. L. et al.  Regional Economics (Free Press 1970)
Needleman, L. (ed.)  Regional Analysis (Penguin 1968)
Nourse, H. O.  Regional Economics (McGraw-Hill 1968)
Perloff, H. S. et al.  Regions, Resources and Economic Growth (Johns Hopkins 1960)

424112  Transport Economics

Prerequisites  Requirements for Honours degree

Hours  2 lecture hours per week

Examination  One 3-hour paper

Content
An introduction to the application of economic concepts to transport problems at both a theoretical and a practical level. It is usual to place an emphasis on either urban or non-urban transportation problems depending on the interests of students. The course com-
bines a study of the relevant economic and quantitative techniques with appropriate insights into necessary institutional and historical questions.

Preliminary Reading
Munby, D. (ed.)  
Robbins, M.  
Sharp, C. H.  

Texts To be advised according to the students' particular interests.

424115 Economics of Inflation

Prerequisites Requirements for Honours degree

Hours 2 lecture hours per week

Examination One 3-hour paper

Content
This course begins with sketching out the various explanations of inflation, including the microeconomic foundations of employment and inflation theory, and its causes and effects. It proceeds to evaluate the vast body of theoretical and empirical literature which discusses the existence, uniqueness and stability of the Phillips Trade-off between inflation and unemployment and its modern development incorporating price expectations. The issues involved in choosing between fiscal, monetary and incomes policy to combat stagflation and the role that indexation of wages and salaries, taxes, and financial assets can play will be discussed. The related problems of imported inflation, regional and sectoral unemployment will also be investigated at some length. Special reference is given to the post-war experience in Australia.

References
Bach, G. L.
Ball, R. J. & Doyle, P. (eds)
Burton, J.
Jones, A.
Katz, S. I.

The New Inflation: Causes and Cures  
(Brown U.P. 1972)
Inflation (Penguin 1969)
Wage Inflation (Macmillan 1972)
The New Inflation: The Politics of Prices and Incomes (Penguin 1973)
Imported Inflation and the Balance of Payments (New York U.P. 1973)
Inflation and Unemployment (Pelican 1972)

424105 Welfare Economics

Prerequisites Requirements for Honours degree

Hours 2 lecture hours per week for half year

Examination One 2-hour paper

Content
The purpose of this course is to develop an awareness of the limitations and strengths of basic economic theory in guiding policy which is aimed at improving the economic welfare of society. The course starts with an appraisal of welfare maximisation by the classical marginal approach, together with modern refinements. It traces the development of criteria for welfare improvement, discussing compensation tests and the problems encountered in using individual preferences to derive acceptable social choices. A section is devoted to the empirical application of welfare criteria. The course concludes with an appraisal of the role of power in economics, and a discussion of models of conflict as found in orthodox economic theory, game theory, bargaining theory and theories of social choice.

References
Boulding, K. E.
Farrell, M. J.
Nath, S. K.
Rapaport, A.

Conflict and Defense (Harper 1962)
Readings in Welfare Economics (Macmillan 1973)
A Reappraisal of Welfare Economics (Routledge & Kegan Paul 1969)
Fights, Games and Debates (Michigan U.P. 1960)
Conflict in Man-Made Environment (Penguin 1974)
Towards a Mathematics of Politics (1967)
Weintraub, E. R.  
Conflict and Co-operation in Economics (Macmillan 1975)

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

424113 Environmental Economics

Prerequisites  
Requirements for Honours degree

Hours  
1½ lecture hours per week

Examination  
Individual arrangement

Content  
This course is concerned with the environmental impact of our growing economy. It considers policies that may help to redirect technological and demographic momentum. More particularly, topics covered include fertility reduction, externalities, prohibitive law, pollution control, cost-benefit analysis, conservation, resource exhaustion, urban environmental problems and the debate on economic growth.

References  
Dorfman, R. & N. S. (eds)  
Economics of the Environment (Norton 1972)

Ehrlich, P. R. & A. H.  
Population, Resources and Environment (Freeman 1970)

Freeman III, A. M. et al.  
The Economics of Environmental Policy (Wiley 1970)

Lecomber, R.  
Economic Growth Versus the Environment (Macmillan 1975)

Mishan, E. J.  
The Costs of Economic Growth (Pelican 1967)

Mishan, E. J.  
Elements of Cost Benefit Analysis (Unwin 1972)

Pearce, D. W.  
Environmental Economics (Longmans 1976)

Seneca, J. J. & Taussig, M. K.  
Environmental Economics (Prentice-Hall 1974)

Weintraub, E. et al.  
The Economic Growth Controversy (1973)

DEPARTMENT OF LEGAL STUDIES

432105 Administrative Law

Prerequisites  
Legal Studies I

Duration  
Half academic year

Hours  
2 lecture hours and 1 tutorial hour per week

Examination  
One 3-hour paper

Content  
The nature, operation, and role of administrative law in Australia as an evolving area of "public" law concerned principally with the legal bases of administrative and judicial review of exercises of statutory powers vested in governmental organs and instrumentalities, and with specific legal remedies which may be available to persons claiming redress of grievances arising from bureaucratic action.

Prescribed Text  
Benjafield, D. G. & Whitmore, H.  
Principles of Australian Administrative Law (Law Book Co.)

Prescribed Printed Materials  
Extracts from judgments in selected leading cases and short explanatory notes to be issued to students at the commencement of the course.

References  
Brett, P. & Hogg, P. W.

Friedmann, W.

Cases and Materials on Administrative Law (Butterworths)

Law in a Changing Society (Penguin)


STATUTES  
Administrative Appeals Tribunal Act 1975 (Aust. Govt Publishing Service)

Ombudsman Act, 1974 (N.S.W. Govt Printer)
432110 Business and Consumer Credit Law
(This subject will not be offered in 1977 but will be offered in 1978)

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<td>Duration</td>
<td>Half academic year</td>
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<td>Hours</td>
<td>2 lecture hours and 1 tutorial hour per week</td>
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<tr>
<td>Examination</td>
<td>This will be specified in the Faculty Handbook for 1978</td>
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Content
This course comprises a study of the legal forms by which finance and credit are obtained (a) by business; and (b) by consumers. In relation to acquisition of land, the terms contract and mortgage will be studied and in relation to acquisition of goods, there will be a brief study of stock-in-trade financing, hire purchase, lay-by sales, bills of sale, pledges and liens. The course includes an examination of the means of raising finance available to registered companies by means of shares and debentures and in particular the device of a floating charge. Finally there is consideration of moves in Australia and overseas to achieve uniform systems of regulating the supply of credit to consumers.

Texts

References
(These will be stated in the Faculty Handbook for 1978)

432115 Consumer Protection Law
(This subject will not be offered in 1977 but will be offered in 1978)

<table>
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<tr>
<th>Prerequisite</th>
<th>Legal Studies I</th>
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<td>Duration</td>
<td>Half academic year</td>
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<tr>
<td>Hours</td>
<td>2 lecture hours and 1 tutorial hour per week</td>
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<tr>
<td>Examination</td>
<td>One 3-hour paper at the end of the year</td>
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Content
This course commences with a study of the means which have been availed of by the courts to protect consumers and in particular of the early device of implying terms into contracts for the sale of goods and of the treatment of “exclusion clauses.” The course proceeds to a study of the protections afforded consumers by the sale of goods and hire purchase legislation, e.g. the implied terms as to fitness for purpose and merchantable quality. False or misleading advertising is studied in the context of the common law, s.32 of the Consumer Protection Act 1969 (NSW) and ss. 52 and 53 of the Trade Practices Act 1974. Legislation dealing with specific mischiefs in the consumer area and product safety standards and product information standards are examined. The course concludes with a study of certain institutional structures of importance to consumers including State consumer affairs bodies, the Trade Practices Commission and small claims tribunals.

Texts

Taperell, G. Q. et al. Trade Practices and Consumer Protection (Butterworths)

STATUTES

Consumer Claims Tribunals Act 1974 (N.S.W.)
Hire Purchase Act 1960 (N.S.W.)
Pyramid Sales Act 1974 (N.S.W.)
Referral Sales Act 1974 (N.S.W.)
Trade Practices Act 1974 (Cth.)
Unsolicited Goods and Services Act 1974 (N.S.W.)

References

Australian Consumers' Association
Atiyah, P.
Collinge, J. G.

Choice (especially the editorials and occasional articles on legal matters)
The Sale of Goods (Pitman)
Law of Marketing in Australia and New Zealand (Thesaurus 1971)
The Consumer and the Law (Committee for Post-Graduate Studies in the Department of Law, University of Sydney 1973)
Molomby Report
Molomby Report
Sutton, K. C. T.

Report on Fair Consumer Credit Laws (Law Council of Australia 1972)
Law of Sale of Goods in Australia and New Zealand (Law Book Co.)
Trade Practices Act Lectures — The Trade Practices Act 1974 (Committee for Post-Graduate Studies in the Department of Law, University of Sydney 1975)


433200 Industrial Law

Prerequisite
Legal Studies I (advisory)
Students who have not completed the prerequisite or a similar subject should consider undertaking the preparatory subject Introduction to the Australian Legal System (see page 124)

Duration
One full academic year

Hours
2 lecture hours and 1 tutorial hour per week

Examination
To be advised

Content
The subject is divided into five parts: Relationship of Employer and Employee; Contract of Employment; Statutes Regulating Employment; Collective Aspects of Industrial Law; Compensation for Injuries.

The student will examine the principles involved in identifying and defining the relationship of employer and employee; the formation, termination and terms of contracts of employment with particular reference to the terms relating to the duration of the contract and duties of the employer and the employees; some of the important statutes regulating the employment relationship e.g. Annual Holidays Act 1944, Long Service Leave Act 1955; the division of power to regulate industrial matters between the Commonwealth and States and also the status of trade unions, strikes and lockouts, award making and award fixing and the legal framework of the Commonwealth and State systems of conciliation and arbitration; the two methods of compensation presently used, common law action for negligence and the Workers’ Compensation Scheme and the proposed reforms in the National Compensation Scheme.

Suggested Preliminary Reading
Cullen, C. L. & Macken, J. J. An Outline of Industrial Law (Law Book Co.)
Sykes, E. I. The Employer, the Employee and the Law 3rd edn (Law Book Co.)

Texts
Sykes, E. I. & Glasbeek, H. J.

STATUTES

References
Boulter, N.
Foenander, O. de R.
Foenander, O. de R.
Foenander, O. de R.
Foenander, O. de R.
Glass, H. H. & McHugh, M. H.
Hepple, B. A. & O’Higgins, P.
Macken, J. J.
Mills, C. P.
Mills, C. P.
Mills, C. P.
O’Dea, R.
Portus, J. H.
Portus, J. H.
Shtein, B. J. L. & Lindgren, K. E.
Sykes, E. I.

Labour Law in Australia (Butterworths)

Annual Holidays Act, 1944 (N.S.W. Govt Printer)
Conciliation and Arbitration Act, 1904 (Aust. Govt Printer)
Industrial Arbitration Act, 1940 (N.S.W. Govt Printer)
Long Service Leave Act, 1955 (N.S.W. Govt Printer)
Workers’ Compensation Act, 1926 (N.S.W. Govt Printer)

Workers’ Compensation Law and Practice in N.S.W. (Law Book Co.)

Australian Industrial Regulations (Law Book Co.)

Industrial Conciliation and Arbitration in Australia (Law Book Co.)

Recent Developments in Australian Industrial Regulation (Law Book Co.)

Trade Unionism in Australia (Law Book Co.)

The Liability of Employers (Law Book Co.)

Individual Employment Law (Sweet & Maxwell)

Australian Industrial Law — the Constitutional Basis (Law Book Co.)
Federal Industrial Laws (Butterworths)
New South Wales Industrial Laws (Butterworths)

Workers’ Compensation in New South Wales (Butterworths)

Industrial Relations in Australia (West)
Australian Compulsory Arbitration 1900-1970 (Law Book Co.)
The Development of Australian Trade Union Law (Melbourne U.P.)

Introduction to Business Law (Law Book Co.)

Strike Law in Australia (Law Book Co.)
Introduction to the Australian Legal System

To cater for students who have not studied law before an introductory course will be offered in the week before term commences. Classes will be held from Monday to Friday commencing at 5.30 p.m. and finishing at 7.30 p.m. Further information can be obtained from the Secretary, Department of Legal Studies after February 1, 1977. Texts for this introductory course are:

Enright, C. S.  Constitutional Law of Australia (Law Book Co.) Chpts. 1 & 2 should be read before the first class.

Derham, D. I. et al.  An Introduction to Law (Law Book Co.)

Vermeesch, R. B. & Lindgren, K. E.  Business Law of Australia (Butterworths)

The above three books will be on closed reserve in the University Library.

432120 Law of Business Organisations

Prerequisite  Legal Studies I

Duration  Half academic year

Hours  2 lecture hours and 1 tutorial hour per week

Examination  One end of year examination

Content

Sole Trader, Partnership and Company Law.

Texts

Ford, H. A. J.  Principles of Company Law (Butterworths)

Mason, H. H.  Casebook on Australian Company Law (Butterworths)

Vermeesch, R. B. & Lindgren, K. E.  Business Law of Australia (Butterworths)

432125 Law of Contract

(This subject will be offered each year with the exception of 1977 which is a transitional year).

Prerequisite  Legal Studies I

Duration  Half academic year

Hours  2 lecture hours and 1 tutorial hour per week

Examination  To be advised

Content

The course comprises a study of the general principles of the law of contract along fairly conventional lines. Included are an introduction to the concept of contract; the formation of a contract including offer and acceptance, the doctrine of consideration, and intention to create legal relations; formal requirements; matters affecting contractual assent; illegality; privity of contract; performance of contract; analysis of contractual terms; discharge of contract particularly upon rescission and frustration; breach of contract and remedies for breach.

Texts

References  (These will be stated in the Faculty Handbook for 1978.)

431100 Legal Studies I

Prerequisites  Nil

Duration  One full academic year

Hours  2 lecture hours and 1 tutorial hour per week

Examination  Progressive assessment and end of year examination
Content
The subject will examine some basic legal concepts and the divisions of law and the institutions of the Australian legal system. It will also enable students to acquire special skills for the examination of legal materials, such as an ability to analyse statements contained in judgments, and to interpret provisions of an Act of Parliament. Foundation of the processes of law-making through judicial decisions, primary and delegated legislation and some theories as to the nature and function of law in society will be considered.

Suggested Preliminary Reading
Derham, D. P. et al. An Introduction to Law (Law Book Co.)
Sawer, G. The Australian and the Law (Pelican)
Shtein, B. J. L. & Lindgren, K. E. Introduction to Business Law (Law Book Co.)
Williams, G. L. Learning the Law (Stevens)

Text
Vermeesch, R. B. & Lindgren, K. E. Business Law of Australia (Butterworths)

References
Curzon, L. B. Introduction to the Law of Trusts (Macdonald & Evans)
Jacobs, K. Law of Trusts (Butterworths)
Rose, D. J. (ed.) Lewis' Australian Bankruptcy Law (Law Book Co.)
Sutton, K. C. T. The Law of Sale of Goods in Australia and New Zealand (Law Book Co.)

432130 Special Contracts, Executors and Trustees, Bankruptcy

Prerequisite
Legal Studies I

Duration
Half academic year

Hours
2 lecture hours and 1 tutorial hour per week

Examination
Progressive assessment and end of year examination

Content
The course covers a number of special contracts: hire purchase, sale of goods, cheques, insurance, guarantee and indemnity and bailment. The subject includes a study of the most important provisions of the Bankruptcy Act 1966. The nature of a trust and the duties of a trustee and the making of wills and the administration of deceased estates are also examined.

Text
Vermeesch, R. B. & Lindgren, K. E. Business Law of Australia (Butterworths)

References
Curzon, L. B. Introduction to the Law of Trusts (Macdonald & Evans)
Jacobs, K. Law of Trusts (Butterworths)
Rose, D. J. (ed.) Lewis' Australian Bankruptcy Law (Law Book Co.)
Sutton, K. C. T. The Law of Sale of Goods in Australia and New Zealand (Law Book Co.)

432135 The Corporation and Australian Society
(This subject will not be offered in 1977 but will be offered in 1978).

Prerequisite
Legal Studies I

Duration
Half academic year

Hours
2 lecture hours and 1 tutorial hour per week

Examination
Progressive assessment and end of year examination

Content
An interdisciplinary study of the corporation as a legal, commercial and social unit with reference to the historical development of the corporation, the corporations power in the Australian Constitution, the legal powers and responsibilities of corporate management, legal aspects of the financing of Australian corporations, the corporation
and industrial property, the corporation and problems relating to the environment, crime and criminology and consumerism.

References
(These will be stated in the Faculty handbook for 1978).

432140 Trade Practices Law

Prerequisite
Legal Studies I

Duration
Half academic year

Hours
2 lecture hours and 1 tutorial hour per week

Examination
Progressive assessment

Content
The course deals generally with the operation of the Trade Practices Act and in particular with the scope of the six trade practices dealt with by the Act: contracts arrangements and understandings in restraint of trade or commerce, monopolization, exclusive dealing, resale price maintenance, price discrimination and anti-competitive mergers.

Texts

References
Areda, P. *Antitrust Analysis* (Little, Brown)
Aust. Institute of Political Science *Big Business in Australia* (Angus & Robertson)
C.C.H. Australia Ltd *An Introduction to Trade Practices and Consumer Protection in Australia* (CCH)
C.C.H. Australia Ltd *Australian Trade Practices Reporter* (CCH)
Hunter, A. (ed.) *Monopoly and Competition* (Penguin)
Kefauver, E. *In a Few Hands* (Penguin)
Korah *Monopolies and Restrictive Practices* (Penguin)

430101 Advanced Company Law
(This subject will not be offered in 1977 but will be offered in 1978).

Prerequisite
Law of Business Organisations (advisory)

Duration
One academic year

Hours
2 lecture (or seminar) hours per week

Examination
Progressive Assessment

Content
The course is a study at postgraduate level of certain areas of company and related law, some of which are not dealt with at all in the typical company law course at undergraduate level, e.g. securities industry law, the corporation power in the Commonwealth Constitution. As well, many of the classical topics of company law will be studied in depth, e.g. duties of directors; the nature of the contract comprised in the registered company's memorandum and articles of association; the legal nature of shares and debentures; the legal relationships between the company and outside contracting parties, the company's employees and management; insider trading; abuse of corporate opportunity; minority oppression.

Texts
Nieuwenhuysen, J. P. *Australian Trade Practices Readings* (Cheshire)
Schreiber, H., Taylor, J. & Donald, B. *Resale Price Maintenance* (Law Book Co.)
Walker, G. De Q. *Australian Monopoly Law* (Cheshire)

References
These will be stated in the Faculty handbook for 1978.

430102 International and Interstate Business Law

Prerequisite
Legal Studies I (advisory)

Duration
One full academic year

Hours
2 lecture (or seminar) hours per week

Examination
Progressive assessment
Content
The course will cover the aspects of the law itemised below. The aim will be to give an outline framework of all the areas mentioned with in-depth discussion of very specific topics chosen because of their basic significance, current interest, or relevance as illustrations of the legal complexities involved.

1. Carriage of goods by sea — the nature and operation of charter-parties and bills of lading; the Hague Rules.
2. Carriage of goods by air.
5. The law of international financing operations.
6. Customs, excise and tariffs.
7. Commercial problems in the conflict of laws.
8. The multinational corporation — problems of legal control.

Detailed statute and case studies will be used in the course.

Suggested Preliminary Reading

Texts
Students will be advised in the first class session of any books which they must possess.

References
Carver, H. Colinveaux Carriage by Sea (Stevens)
Cheshire, G. C. Private International Law (Butterworths)
Faigenbaum, J. I. & Hanks, P. J. Australian Constitutional Law (Butterworths)
Guest, A. G. (ed.) Chitty on Contracts (Vol. II only) (Sweet & Maxwell)

430105 Law of Stamp, Death Gift and Estate Duties
(This subject will not be offered in 1977 but will be offered in 1978).

Prerequisite
Law of Contract (advisory)

Duration
One full academic year

Hours
2 lecture (or seminar) hours per week

Examination
Progressive assessment

Content
Study of the Stamp Duties Act, 1920, (N.S.W.), the Gift Duty Act, 1941, (C'1th), the Gift Duty Assessment Act, 1941, (C'1th), the Estate Duty Act, 1914, (C'1th) and the Estate Duty Assessment Act, 1914, (C'1th). The constitutional basis for imposition of death duties and the constitutional limits on the respective powers of the Commonwealth and the States in this respect. Categories of actual and notional estate. Trusts and discretionary trusts (including income tax aspects thereof). Estate planning, its social, moral and political aspects. Estate planning schemes which have been judicially considered. Economic aspects of death duties.

Texts
These will be stated in the Faculty handbook for 1978.

430104 Political and Legal Institutions

Prerequisite
Legal Studies I (advisory)

Duration
One full academic year

Hours
2 lecture (or seminar) hours per week

Examination
Progressive assessment

Content
The course studies at postgraduate level the major institutions in our legal and political system — the Monarchy, the Federal System, Parliaments, Courts and the Executive. It looks first of all at their structure, construction and power and then examines carefully their operation, making a critical assessment of how they carry out their functions and their impact on the citizen.

Text
Enright, C. S. Constitutional Law of Australia (Law Book Co.)

STATUTES
Commonwealth of Australia Constitution Act 1900 (Aust. Govt Publishing Service)
Constitution Act 1902 (N.S.W. Govt Printer)

References
A.I.P.S. Who Runs Australia (Angus & Robertson)
MAJOR SUBJECTS FROM OTHER FACULTIES

Faculty of Arts

351100 Geography

Prerequisites
Nil

Hours
2 lecture hours and 3 hours practical work per week, 1 tutorial hour per fortnight and 3 days of field work.

Examination
To be advised

Content
A study of the structure and interaction of two major systems: the ecological system that links man and his environment, and the spatial system that links one region with another in a complex interchange of flows. The study explores the internal structure and the linkages between each of the basic components in the two systems.

The practical programme is designed to enable students to gain proficiency in and understanding of the tools of geographical analysis. Methods in the cartographic and statistical organization of geographic data are studied.

Text
Haggett, P.

References
To be advised

371100 History

Aspects of Modern History

Prerequisites
Nil

Hours
3 hours per week plus compulsory weekly tutorial

Examination
Two end of year papers

Content
Each aspect will be studied as a separate unit. The emphasis throughout will be on issues and ideas and no attempt will be made to present a chronological narrative. In addition, students will be introduced to some of the problems and techniques of historical interpretation.

Aspects treated in 1977:
(a) The Intellectual Tradition: Science and Society from Copernicus to Freud.
(b) Liberalism and the challenge of Totalitarianism.
(c) The Search for International Order.

Books Recommended for Purchase
Bronnowski, J. & Mazlish, B. The Western Intellectual Tradition (Harper 1975)

OR
Carsten, F. L. The Rise of Fascism (Methuen 1967)
Curtiss, J. S. The Russian Revolution of 1917 (Anvil 1957)
Marx, K. & Engels, F. The Communist Manifesto (Pelican)
Northedge, F. S. & Grieve, M. J. A Hundred Years of International Relations (Duckworth 1971)
Robertson, E. M. (ed.) The Origins of the Second World War (Macmillan 1971)

Philosophy

General Note
One subject only is offered in First Year and Fourth Year, but two subjects are offered in Second Year and Third Year, of which students may take one or both. For each subject there will be two examination papers.

To enrol in Fourth (Honours) Year, students should have completed at least four Philosophy subjects and obtained at least Credit grading. In addition to course work, Fourth Year students will write a thesis. In other years, essays and exercises will be part of the year's work.
381100 Philosophy I

Prerequisites  Nil

Hours  3-4 hours per week

Examination  See below

Content
Section 1: Introduction to Philosophy
Section 2: Logic and Options
Section 3: Seminars

Section 1: 381101 Introduction to Philosophy (Dr Dockrill)

Hours  1 hour per week

Examination  One 3-hour paper

Content
(i) Plato's theory of political activity, morality, the nature of the soul and its immortality, and universals. (ii) Descartes' quest for infallible knowledge, his theory of innate ideas, and his attempt to prove the existence of God and the immaterial character of the soul. Section 1 will continue throughout the year.

Texts
Descartes  *Philosophical Writings* (Anscoumb & Geach (eds)) (Nelson)
Plato  *The Last days of Socrates* (Penguin)

References
Burnet, J.  *Greek Philosophy* (Macmillan)
Guthrie, W. K. C.  *The Greek Philosophers* (Methuen)
Socrates (Cambridge U.P.)
Kenny, A.  *Descartes* (Random House)
Taylor, A. E.  *Plato: the Man and his Work* (Methuen)

Section 2: 381103 Logic and Options

Hours  2 hours per week

Content
First half-year. Introduction to Logic (Dr Robinson)
Assumes no prior acquaintance with logic and introduces students to a formal study of validity of arguments as encountered in philosophy and elsewhere. Topics include truth and implication, the structure of propositions and arguments, class and logical relations.

Texts  Nil. Lecture notes with further references will be issued.

Examination  An examination in Term II. For those dissatisfied with their result, a further examination in November

Second and Third Terms: two of a series of options.

Examination  One 3-hour paper for the 2 options

Content
(a) Basic Symbolic Logic (Dr Lee)
(b) Scientific Method (Dr Robinson)
(c) Introduction to Ethics (Dr Lee)
(d) Introduction to Political Philosophy (Mr Sparkes)
Details of options will be provided during the first half-year, and choice should be discussed with members of the Department.

Section 3: 381104 Seminars (Mr Sparkes)

Hours  Seminars are held approx. fortnightly in Terms I and II

Content
Seminars are conducted in small groups, and the programme is related to the material of Section 1. Members of groups are expected to prepare papers, and to develop acquaintance with problems and ways of discussing them.

As with essays, marks awarded for papers will be included in the mark for the year's work. Credit is also given for performance as a group member.

Faculty of Mathematics

Preliminary Notes
The Department of Mathematics offers and examines subjects. Each subject is composed of topics, each topic consisting of about 27 lectures and 13 tutorials throughout the year. Each of the Part I, Part II, and Part III Mathematics subjects consists of four topics. For Mathematics I, there is no choice of topics; for Mathematics IIa, IIb, IIc there is some choice available to students; for Mathematics IIIa and IIIb there is a wider choice. No topic may be counted twice in making up distinct subjects. (Students who passed some mathematics subjects before this arrangement of subjects was introduced should consult the "transition arrangements" set out on p.155 of the 1970 Faculty of Arts handbook, and p.76 of the 1973
Faculty of Mathematics handbook. Note that the “code letters” for the topics may vary slightly from year to year.)
The Part II subject Computer Science II is taught and examined jointly by the Department of Electrical Engineering and the Department of Mathematics. In Computer Science II, there is no choice of topics.

Progressive Assessment
From time to time during the year students will be given assignments, tests, etc. The student’s performance in this work will be taken into account in the following manner.

(a) For the implementation of By-law 5.4.1.1 which deals with unsatisfactory progress. A copy of this By-law appears in the General Supplement supplied with this Handbook.

(b) Where a student’s performance during the year has been better than his performance in the final examination, then the former will be taken into account in determining his final result. On the other hand, when a student’s performance during the year has been worse than his performance in the final examination, then his performance during the year will be ignored in determining his final result.

PART I SUBJECT

661100 Mathematics I

Prerequisites
Nil

Hours
4 lecture hours and 2 tutorial hours per week

Examination
Two 3-hour papers

Content
Topics AN — Real Analysis

AL — Algebra

CA — Calculus

NM — Numerical Mathematics

PART I TOPICS

Topic AN — Real Analysis

Prerequisites
Nil

Hours
1 lecture hour per week and 1 tutorial hour per fortnight

Content

References
Apostol, T. Calculus Vol. 1 2nd edn (Blaisdell 1967)
Spivak, M. Calculus (Benjamin Inc. 1967)

Topic AL — Algebra

Prerequisites
Nil

Hours
1 lecture hour per week and 1 tutorial hour per fortnight

Content
Introduction to basic algebraic objects and ideas. Matrices, permutations, complex numbers. Linear Algebra: vectorspaces, homomorphisms, matrices, determinants; algorithms for solution of equations; rank, nullity: eigenvectors and eigenvalues; applications various.

Text
Brisley, W. A Basis for Linear Algebra (Wiley 1973)

References
Liebeck, H. Algebra for Scientists and Engineers (Wiley 1971)

Lipschutz, S. Linear Algebra (Schaum 1968)

McCoy, N. Introduction to Modern Algebra (Allyn & Bacon 1968)

Tropper, A. M. Linear Algebra (Nelson 1973)

Topic CA — Calculus

Prerequisites
Nil

Hours
1 lecture hour per week and 1 tutorial hour per fortnight

Content

Text
Nil
References
Apostol, T. *Calculus* Vol. 1 2nd edn (Ginn Blaisdell 1967)
Ayres, F. *Calculus* (McGraw-Hill)
Hille, E. & Salas, S. *First Year Calculus* (Ginn Blaisdell 1968) (International Textbook Series)

**Topic NM — Numerical Mathematics**

**Prerequisites**
Nil

**Hours**
1 lecture hour per week and 1 tutorial hour per fortnight

**Content**
Introduction to computers, flowcharts and Fortran coding. Elementary data analysis: calculations of sample moments of discrete distributions and programming of these operations. Introduction to statistical analysis and numerical analysis with computer illustrations. The writing of successful computer programmes is a required part of this topic.

**Texts**
Blatt, J. M. *Basic Fortran IV Programming; Version MIDITRAN* (Computer Systems of Australia Pty Ltd 1969)

or

and

**References**
Wilkes, M. V. *A Short Introduction to Numerical Analysis* (Cambridge U.P. 1971)

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**Faculty of Science**

**751100 Psychology I**

**Prerequisites**
Nil

**Hours**
3 lecture hours, 1 hour practical session and 1 tutorial hour per week

**Examination**
One 3-hour paper and assessment of practical work

**Content**
A general introduction to psychology which includes such topics as social psychology, learning theory, perception, developmental psychology, physiological psychology, theory of measurement and statistics.

**Texts**

OR

OR

Additional texts may be recommended.