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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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 in 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. The University Calendar: this contains all the formal information about the By-laws and Regulations governing courses and general organisation;
2. The Faculty Handbooks: these are issued by each faculty and provide information about the degree and subject 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. Mathematics, Economics, 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.

The course structure of the Bachelor of Commerce degree offers a student an opportunity to select subjects from various disciplines offered within the Faculty of Economics and Commerce and any other faculties of the University, provided certain constraints and prerequisite conditions stipulated in the degree requirements are complied with. Advice regarding the degree structure will be given to all incoming students before enrolment at lectures given on the 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.

To complete the requirements for a Bachelor of Commerce degree students have to pass 13 subjects, including the four compulsory subjects Accounting I, Economic Statistics I, Microeconomics and Macroeconomics. The subjects chosen must be selected in accordance with the degree requirements. It is necessary to pass Microeconomics before enrolling in most other economics subjects, except Economic History I and II and Economic Statistics I. A pass in Accounting I is a general prerequisite for subsequent accounting subjects. A pass in Legal Studies I is a general prerequisite for Legal Studies subjects.
Students enrolling in Industrial Law should note that Legal Studies I is the advisory prerequisite for that subject. Students who have not completed the advisory prerequisite or its equivalent will be required to undertake intensive preliminary reading. (See the suggested preliminary reading for Legal Studies I).

Limits are set on the number of subjects students are permitted to take in any one year (refer Conditions 5, 6, 7 and 8 of Schedule A of the Requirements). These limits restrict a full time student to a maximum of five subjects in a year or four subjects when three are selected from Group C. Part time students are limited to a maximum of three subjects each year or not more than two when these subjects are selected from Group C.

Part time students who are unable to attend any day lectures at the University are especially advised that they are expected to plan for a minimum of six years for the completion of their degree course. Students requiring specific advice on the selection or content of subjects in the course should seek help from members of the Faculty. For personal and study advice, it is suggested that students consult the University Counselling Service. Enquiries regarding enrolment, variation to programme and general administrative problems should be directed to the Faculty Secretary, Mr F. C. Hawkins (Administration Building Room G.72).

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 Mathematics at the New South Wales Higher School Certificate Examination at least at the second level of the short course 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.

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. Each year a programme of moots, social events and lectures by prominent visitors is organised. Inquiries concerning membership should be directed to the Secretary of the Club early in first term. Communication with him can be made via the Legal Studies Club's "pigeon hole" in the office of the Department of Legal Studies.
REQUIREMENTS FOR THE DEGREE OF BACHELOR OF COMMERCE

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 and 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 sixth Monday in second term shall be deemed to have failed in that subject unless granted permission by the Dean to withdraw without penalty.

6. A graduate or an undergraduate of another university, an approved tertiary institution or of another faculty of the University may be granted standing in recognition of any subject passed in such other university, approved tertiary institution or faculty, 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 work and submit such written work as the Department concerned shall require.
(b) To pass a subject a candidate shall satisfy the requirements of the previous clause and pass such examinations as the Faculty Board concerned shall require.
(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 Economics IV or Accounting 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.

1 Refer to Conditions for Granting of Standing to Graduates and Undergraduates of other universities, approved tertiary institutions and other faculties of this University.

Details of combined degree courses approved by the Faculty Board are set out on pages 24–29.
(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.

SCHEDULE A

CONDITIONS GOVERNING SELECTION OF SUBJECTS

THE ORDINARY DEGREE —

To qualify for the award of a Bachelor of Commerce degree a candidate shall pass not fewer than 13 subjects selected in accordance with the following conditions:—

1. Microeconomics, Economic Statistics I, Accounting I, and Macroeconomics are compulsory;

2. Not more than five subjects may be selected from the approved Group A subjects;

3. Not fewer than three subjects shall be selected from the approved Group C subjects;

4. Except with the approval of the Dean a student may not enrol in a Group C subject until he has passed the three compulsory Group A subjects, viz., Microeconomics, Economic Statistics I and Accounting I.

5. Except with the approval of the Dean a full-time student may not enrol in more than five subjects in any one year of the ordinary degree course;

6. Except with the approval of the Dean a full-time student may not enrol in any one year to study in more than four subjects when the programme for that year includes three subjects from Group C;

7. Except with the approval of the Dean, a part-time student may not enrol in more than three subjects in any one year of the ordinary degree course;

8. Except with the approval of the Dean, a part-time student may not enrol in any one year of study in more than two subjects when his programme for that year comprises two subjects from Group C.

Accounting I is not compulsory for students who have completed the Technical College Commerce Certificate Course.

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 IV;

(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.

A candidate for honours in Accounting is advised to select in either Year I or Year II, Philosophy I as the approved Arts/Science subject.

1 A part-time 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.

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 Economic Statistics II or Statistical Analysis before enrolling in Economics IV;

(c) pass two of:
   - International Economics
   - Public Economics
   - Growth and Development;

(d) pass Economics Honours Seminars I and II or such additional work as the Head of the Department may prescribe, before enrolling in Economics IV;

(e) pass Economics IV.

A candidate who is invited to do honours after the end of his second year of full-time study and is enrolled in Economics Honours Seminar II, and who has not yet completed Economic Statistics II or Statistical Analysis, shall be permitted to take one of these two subjects and to have it counted as a half Group C subject.
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 II and either Legal Studies III or Industrial Law before enrolling in Legal Studies IV;
(c) pass Legal Studies IV.

1 A part-time 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.

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.

SCHEDULE B

Subjects

<table>
<thead>
<tr>
<th>Group A</th>
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<tbody>
<tr>
<td></td>
<td>Accounting I</td>
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<td>Commercial Electronic Data Processing</td>
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<td></td>
<td>Economic History I</td>
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<td></td>
<td>Economic Statistics I</td>
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<td></td>
<td>Legal Studies I</td>
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<td>Microeconomics</td>
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<td>Mathematics I or an additional approved Arts/Science subject</td>
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<th>Accounting IIA</th>
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<td>Accounting IIB</td>
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<td>Economic History II</td>
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<td>Economic Statistics II or Statistical Analysis</td>
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<td>Industry Economics</td>
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<td>Labour Economics</td>
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<td>Legal Studies II</td>
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<td>Macroeconomics</td>
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<td>Money and Banking</td>
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<td>Organisational Behaviour</td>
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<td></td>
<td>One approved Arts/Science/Mathematics subject taken at part/Group 2 level</td>
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</tbody>
</table>

PREREQUISITE CONDITIONS

Before enrolling in any subject listed in the left hand column below, a candidate shall have passed the subjects listed as prerequisites.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>Accounting IIA</td>
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<td>Accounting IIB</td>
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<tr>
<td>Auditing</td>
<td>Accounting IIIA</td>
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<td>Computer Applications and Systems</td>
<td>Economic Statistics II or Statistical Analysis</td>
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<td>Econometrics I</td>
<td>Macroeconomics</td>
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<td>Econometrics II</td>
<td>Economic Statistics II</td>
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<td>Economic History II</td>
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<tr>
<td>Economic History III</td>
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</tbody>
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Note

Candidates who have passed the subject 'Sociological Aspects of Management' shall not be permitted to enrol in the subject 'Theories of Organisation'.
Subject
Economic Statistics II and Statistical Analysis
Growth and Development
History of Economic Thought
Industrial Law
Industry Economics
Information Systems

Prerequisite
Economic Statistics I
Macroeconomics

* Legal Studies I
Microeconomics
* Commercial Electronic Data Processing (or Management Studies if passed in 1974)
Macroeconomics
Microeconomics
Labour Economics
Legal Studies I
Legal Studies II
Microeconomics
* Organisational Behaviour
Macroeconomics
Microeconomics
MACROECONOMICS
Labour Economics
Legal Studies I
Legal Studies II
Microeconomics
* Organisational Behaviour
Macroeconomics

International Economics
Labour Economics
Labour Relations
Legal Studies II
Legal Studies III

Macroeconomics
Marketing
Mathematical Economics
Money and Banking
Public Economics
Theories of Organisation
Theory of Economic Policy

Notes

1. A candidate who has not fulfilled the prerequisite requirements may, on the recommendation of the Head of the appropriate Department be permitted by the Dean to enrol concurrently in the prerequisite subject.

2. Advisory Prerequisite.

3. Accounting I is not a prerequisite subject for students who have completed the Technical College Commerce Certificate Course.

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

A list of the approved subject areas is shown below:

- Chemistry
- Classics
- Education
- Engineering
- English
- French
- Geography
- Geology
- German
- History
- Mathematics
- Philosophy
- Physics
- Psychology

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 OTHER UNIVERSITIES, APPROVED TERTIARY INSTITUTIONS AND OTHER FACULTIES OF THIS UNIVERSITY

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

UNDERGRADUATES

Undergraduates entering the Faculty of Economics and Commerce for the first time

1. The Faculty Board may grant standing to an undergraduate of another university, an approved tertiary institution or of another faculty of the University in recognition of any subject passed in such other university, approved tertiary institution or other faculty of this University on the following conditions:

(a) the subject for which standing is granted shall have a reasonable correspondence with a subject included in the Bachelor of Commerce degree programme of the University;

(b) such an undergraduate shall not receive standing in respect of more than six subjects in the Bachelor of Commerce degree course save that in the case of an undergraduate transferring from another faculty in the University of Newcastle, he may be allowed standing for additional subjects if these subjects are equivalent to subjects already passed in the other faculty;

(c) such an undergraduate shall not include in his programme 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.
2. Notwithstanding the provision of section 1(a), an undergraduate of another university, an approved tertiary institution or faculty of the University may be granted standing for a subject not included in the Bachelor of Commerce degree programme of the University, provided that:

(a) he complies with sections 1(b) and 1(c);
(b) he has his proposed course approved by the Faculty Board at the time the concession is granted; and
(c) he does not depart from his approved course without the permission of the Faculty Board.

Undergraduates who have already undertaken studies in the Faculty of Economics and Commerce

13. The Faculty Board may grant standing to an undergraduate of the Faculty of Economics and Commerce of the University of Newcastle in recognition of any subject or subjects passed at another university subsequent to the undergraduate's matriculation to the University of Newcastle on the following conditions:

(a) the subject or subjects passed shall have a reasonable correspondence with a subject or subjects included in the Bachelor of Commerce degree programme of the University of Newcastle;
(b) standing shall not be granted in respect of more than five subjects in the Bachelor of Commerce degree except that standing shall not be granted in respect of more than four subjects in total where three of the subjects are Group C subjects.

14. Notwithstanding the provisions of section 3(a) standing may be granted for one unspecified subject in the Bachelor of Commerce degree where the subject or subjects passed at the other university or an approved tertiary institution do not correspond in content with any subject included in the Bachelor of Commerce degree programme of this University.

GRADUATES

1. A graduate of another university, or of another faculty of this University may be granted standing in recognition of subjects passed in such university, approved tertiary institution or faculty, provided that:

(i) the subjects for which standing is granted shall have a reasonable correspondence with those included in the Bachelor of Commerce programme of this University;
(ii) the degree shall not be awarded to a candidate unless he has, whilst enrolled as a candidate for the Bachelor of Commerce degree within the Faculty, passed more than half the total number of subjects required for the degree;
(iii) a candidate shall not include in his programme for the Bachelor of Commerce degree any subject which is equivalent to part or all of a subject he has passed in a previous degree course and for which standing has not been granted;
(iv) 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 programme for the entire course approved by the Faculty Board acting on the recommendation of the Heads of Departments concerned. Subsequent variations in this prescribed programme will require the approval of the Dean, acting on the recommendation of the Heads of Departments concerned.

2. A graduate or diplomate of another approved tertiary institution may be granted standing in recognition of subjects passed in such institution, provided that:

(a) if the work for which standing is sought is deemed similar in content and standard to a subject or subjects offered in the Bachelor of Commerce degree course, or which could reasonably be offered in such a course, standing may be granted for not more than six subjects at the time of admission. These subjects may be named or may be unspecified. An applicant seeking standing in more than four subjects must have his programme approved in accordance with Clause I Section (iv) of the conditions for graduates of another university;
(b) in the case of applicants not covered by (a) above, standing may be granted for not more than four unspecified subjects at the time of admission and the applicant may complete the requirements for the Bachelor of Commerce degree by passing not less than nine subjects selected in accordance with the Requirements for the degree including all compulsory subjects and at least three Group C subjects offered by Departments within the Faculty of Economics and Commerce.

An undergraduate wishing to obtain the benefit of these sections must apply to the Dean in writing for approval of a proposed programme before enrolling at the other university or approved tertiary institution. The student must supply full and complete details of the proposed programme 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 programme 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 Commerce degree if the approved programme is completed successfully. If the approved programme 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.
TRANSITIONAL ARRANGEMENTS FOR THE BACHELOR OF COMMERCE DEGREE

Certain changes requiring transitional arrangements have been made in 1976 to Schedule B of the requirements for the degree. The changes are indicated below:

<table>
<thead>
<tr>
<th>Subject deleted</th>
<th>Subject added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group C</td>
<td>Sociological Aspects of Management</td>
</tr>
<tr>
<td></td>
<td>Theories of Organisation</td>
</tr>
</tbody>
</table>

As a consequence of this amendment, a special transitional arrangement is required. This is as follows:

Candidates who have passed the subject Sociological Aspects of Management shall not be permitted to enrol in the subject Theories of Organisation.

APPROVED COMBINED DEGREE COURSES

The Faculty Board have approved the following combined degree courses:

(a) Bachelor of Commerce/Bachelor of Mathematics

(b) Bachelor of Commerce/Bachelor of Engineering —
   (i) in Chemical Engineering
   (ii) in Civil Engineering
   (iii) in Electrical Engineering
   (iv) in Industrial Engineering
   (v) in Mechanical Engineering

Details of the course programmes which have been approved are as follows:

B.Com./B.Math. — possible course

<table>
<thead>
<tr>
<th>Year</th>
<th>Mathematics I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year</td>
<td>Economic Statistics I</td>
</tr>
<tr>
<td></td>
<td>Microeconomics</td>
</tr>
<tr>
<td>Year</td>
<td>Accounting I</td>
</tr>
</tbody>
</table>

Year II

<table>
<thead>
<tr>
<th>Mathematics IIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics IIC</td>
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<tr>
<td>Economics &amp; Commerce subject (Group A or B)</td>
</tr>
</tbody>
</table>

Year III

<table>
<thead>
<tr>
<th>Mathematics IIIA</th>
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</thead>
<tbody>
<tr>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Economics &amp; Commerce subject (Group A or B)</td>
</tr>
<tr>
<td>Economics &amp; Commerce subject (Group B)</td>
</tr>
</tbody>
</table>

Year IV

| Mathematics IIIB or a Part III Schedule B subject from the requirements for B.Math. |
| Economics & Commerce subject (Group B) |
| Economics & Commerce subject (Group B or C) |

Year V

| Economics & Commerce subject (Group B) |
| Economics & Commerce subject (Group C) |
| Economics & Commerce subject (Group C) |
| Economics & Commerce subject (Group C) |

B.Com./B.E. in Chemical Engineering — approved course

<table>
<thead>
<tr>
<th>Year</th>
<th>Chemical Engineering I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chemistry II</td>
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<tr>
<td></td>
<td>Mathematics IIB/I</td>
</tr>
<tr>
<td></td>
<td>Microeconomics</td>
</tr>
<tr>
<td></td>
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</tbody>
</table>

Year III

<table>
<thead>
<tr>
<th>Chemical Engineering IIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics IIIB/2</td>
</tr>
<tr>
<td>Accounting I</td>
</tr>
<tr>
<td>Macroeconomics</td>
</tr>
</tbody>
</table>

Year IV

| Chemical Engineering IIB       |
| Economics & Commerce subject |
| Economics & Commerce subject   |
| Elective II                    |

Year V

| Chemical Engineering III       |
| Project II                     |
| Economics & Commerce subject  |
| Economics & Commerce subject  |

B.Com./B.E. in Civil Engineering — approved course

<table>
<thead>
<tr>
<th>Year</th>
<th>Engineering I</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Mathematics I</td>
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<tr>
<td></td>
<td>Physics IA</td>
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<tr>
<td></td>
<td>Workshop Practice</td>
</tr>
<tr>
<td></td>
<td>Microeconomics</td>
</tr>
<tr>
<td></td>
<td>One of Economic History I, Legal Studies I, or Economic Statistics I</td>
</tr>
</tbody>
</table>

24
### Year II
- Mathematics IIB
- Chemistry IS
- CE221 Properties of Materials I
- CE212 Mechanics of Solids I
- CE231 Fluid Mechanics I
- ME212 Accounting I
- ME271 Macroeconomics

### Year III
- CE222 Concrete Technology
- CE241 Surveying I
- CE223J Engineering Geology
- CE312 Structural Analysis & Design I
- CE324 Soil Mechanics
- CE352 Civil Engineering Systems
- ME212 Engineering Design
  or
- ME271 Thermodynamics
  Economics & Commerce subject

### Year IV
- EE203 Introduction to Electrical Information
- EE204 Introduction to Electrical Energy
- CE332 Fluid Mechanics II
- CE333 Water Resources Engineering
- CE351 Transportation Engineering
- ME301 Engineering Computations
- CE425 Earth & Rock Engineering
  Economics & Commerce subject
- Economics & Commerce subject

### Year V
- EE480/491 Project/Seminar
  Five of EE300 or EE400 or EE500
  *Electives
  Economics & Commerce subject

#### B.Com./B.E. in Electrical Engineering — approved course

### Year I
- Mathematics I
- Engineering I
- Physics I
- ME121 Workshop Practice
  Microeconomics
  One of Economic History I, Legal Studies I, or Economic Statistics I

### Year II
- EE203 Introduction to Electrical Information
- EE204 Introduction to Electrical Energy
- EE231 Mathematical IIB
- PH221 Electromagnetics & Quantum Mechanics
  Macroeconomics
  Accounting I

### Year III
- GE350 Seminar
- EE311 Electrical Machines
- EE321 Electronics
- EE331 Circuits
- EE341 Automatic Control
- EE361 Computer Structure
  Two of EE300 or EE400
  Chemistry IS
  Economics & Commerce subject
  Economics & Commerce subject

### Year IV
- Three of EE300 or EE400
- Two of EE300 or EE400 or EE500
  *Electives
  Economics & Commerce subject
  Economics & Commerce subject

### Year V
- EE480/491 Project/Seminar
  Five of EE300 or EE400 or EE500
  *Electives
  Economics & Commerce subject

#### B.Com./B.E. in Industrial Engineering — approved course

### Year I
- Engineering I
- Mathematics I
- Physics I
- Chemistry IS
- MET151 Microstructure of Materials
- ME121 Workshop Practice
- ME122 Process Technology

### Year II
- ME223 Mechanical Technology
- ME214 Mechanics of Solids I
- ME241 Properties of Materials
- ME202 Dynamics of Engineering Systems
- Microeconomics
- Accounting I
- Mathematics IIB
- EE203 Introduction to Electrical Information
- EE204 Introduction to Electrical Machines
  one of —
  Economic History I
  Economic Statistics I
  Legal Studies I

26
### Year I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME201</td>
<td>Laboratory Measurements</td>
<td>1</td>
</tr>
<tr>
<td>ME212</td>
<td>Engineering Design</td>
<td>1</td>
</tr>
<tr>
<td>ME213</td>
<td>Engineering Design</td>
<td>1</td>
</tr>
<tr>
<td>ME232</td>
<td>Dynamics of Machines</td>
<td>1</td>
</tr>
<tr>
<td>ME251</td>
<td>Fluid Mechanics</td>
<td>1</td>
</tr>
<tr>
<td>ME271</td>
<td>Thermodynamics</td>
<td>1</td>
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<tr>
<td>ME272</td>
<td>Macroeconomics</td>
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</tr>
<tr>
<td>ME273</td>
<td>Economics &amp; Commerce</td>
<td>4</td>
</tr>
<tr>
<td>ME274</td>
<td>Economics &amp; Commerce</td>
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### Year II

<table>
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<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>ME301</td>
<td>Engineering Computations</td>
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<tr>
<td>ME313</td>
<td>Engineering Design</td>
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</tr>
<tr>
<td>ME333</td>
<td>Dynamics of Machines</td>
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</tr>
<tr>
<td>ME361</td>
<td>Automatic Control</td>
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</tr>
<tr>
<td>ME381</td>
<td>Methods Engineering</td>
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</tr>
<tr>
<td>ME383</td>
<td>Quality Engineering</td>
<td>1</td>
</tr>
<tr>
<td>ME384</td>
<td>Design for Production</td>
<td>1</td>
</tr>
<tr>
<td>ME487</td>
<td>Operations Research-Deterministic Models</td>
<td>1</td>
</tr>
<tr>
<td>ME488</td>
<td>Operations Research-Probabilistic Models</td>
<td>1</td>
</tr>
<tr>
<td>ME432</td>
<td>Properties of Materials</td>
<td>1</td>
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<tr>
<td>ME433</td>
<td>Mechanics of Solids</td>
<td>1</td>
</tr>
<tr>
<td>GE350</td>
<td>Seminar</td>
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<tr>
<td>ME496</td>
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<tr>
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<td>Industrial Law</td>
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<td>ME682</td>
<td>Economics &amp; Commerce</td>
<td>4</td>
</tr>
<tr>
<td>ME683</td>
<td>Electives</td>
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### Year III

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tr>
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<tr>
<td>ME213</td>
<td>Engineering Design</td>
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<tr>
<td>ME232</td>
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<td>1</td>
</tr>
<tr>
<td>ME251</td>
<td>Fluid Mechanics</td>
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<tr>
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<td>Thermodynamics</td>
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<table>
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<tr>
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<tr>
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<tr>
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<td>Methods Engineering</td>
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<tr>
<td>ME383</td>
<td>Quality Engineering</td>
<td>1</td>
</tr>
<tr>
<td>ME384</td>
<td>Design for Production</td>
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<tr>
<td>ME487</td>
<td>Operations Research-Deterministic Models</td>
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<td>ME488</td>
<td>Operations Research-Probabilistic Models</td>
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<td>ME432</td>
<td>Properties of Materials</td>
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<td>ME433</td>
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### Year V

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<td>ME513</td>
<td>Engineering Design</td>
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<td>ME533</td>
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</tr>
<tr>
<td>ME683</td>
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</table>

### B.Com./B.E. in Mechanical Engineering — approved course

### Year I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ME201</td>
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<tr>
<td>ME202</td>
<td>Mathematics I</td>
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<tr>
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<td>Physics IA</td>
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<td>MET151</td>
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</tr>
<tr>
<td>MB212</td>
<td>Microstructure of Materials</td>
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<tr>
<td>ME212</td>
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</tr>
<tr>
<td>ME213</td>
<td>Process Technology</td>
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### Year II

<table>
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<tr>
<td>ME223</td>
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<tr>
<td>ME241</td>
<td>Mechanics of Solids I</td>
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</tr>
<tr>
<td>ME242</td>
<td>Properties of Materials</td>
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<td>ME251</td>
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<tr>
<td>ME271</td>
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</tr>
<tr>
<td>ME273</td>
<td>Mathematics IIB</td>
<td>4</td>
</tr>
</tbody>
</table>

1. Three elective units must be chosen from the list of Departmental Electives.
2. First half year.
3. Second half year.
4. The eight elective units must be taken in the Faculty of Engineering; at least two must be from outside the Department of Electrical Engineering and at least two must be from within the Department of Electrical Engineering.
5. Plus 5 day Survey Camp.
POSTGRADUATE COURSES

Postgraduate studies may be undertaken within the Departments of Commerce, Economics, and Legal Studies leading to the Diploma in Business Studies and to M.Com and Ph.D. degrees.

In the Department of Economics study for the M.Com degree may be either by research and thesis or by coursework. This degree by coursework should appeal to those candidates whose special interest lies in the area of Industrial Economics. However, postgraduate candidates with other interests will be able to choose courses designed to cater for their particular requirements. Candidates for the coursework degree programme are advised to write to the Head of the Department of Economics. The Department of Economics also accepts candidates for M.A. degrees.

In the Department of Commerce and the Department of Legal Studies the degree of Master of Commerce may at present be taken only by research and thesis. Whether the applicant desires to take the Master of Commerce degree in the Department of Economics, the Department of Commerce or the Department of Legal Studies he should normally hold the degree of Bachelor of Commerce in the University of Newcastle or an appropriate degree from any other approved university, but in any case must satisfy the Faculty Board of his ability to carry out the programme of study and research.

The Faculty also has a course leading to the award of a Diploma in Business Studies. The subjects which may be included in the Diploma course are specified in the Appendix to the Requirements (see page 32). Enquiries concerning the course in the Diploma in Business Studies should be directed to the Department of Commerce.

The Diploma in Business Studies, if including passes in certain specified subjects, satisfies the examination requirements for advancement to Senior Associate Status in the Australian Society of Accountants. The Master of Commerce degree if taken in the Department of Commerce similarly satisfies these examination requirements.

A number of postgraduate scholarships are available to candidates who have obtained a good honours degree to enable them to undertake full-time research, and prospective candidates are asked to consult their Head of Department not later than the third term of the final (honours) year. Full details of recurrent scholarships will be given in the general Calendar issued by the University. Details of special scholarships are posted from time to time on departmental notice boards.

Conditions of award of these higher degrees are given in the following pages.

REQUIREMENTS FOR THE DIPLOMA IN BUSINESS STUDIES

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. (a) An applicant for registration for the Diploma shall have satisfied the requirements for admission to the degree of Bachelor of Commerce in the University of Newcastle.

(b) An applicant who is a graduate of another university, college of advanced education or of another faculty of the University (other than as specified in (a) above) may, on the recommendation of the Head of the Department of Commerce, be permitted by the Faculty Board to register as a candidate for the Diploma.

(c) An applicant who has other qualifications and professional experience may, on the recommendation of the Head of the Department of Commerce, be permitted by the Faculty Board to register as a candidate for the Diploma.

3. Candidates approved for registration for the Diploma shall be selected for admission by the Faculty Board on the recommendation of the Head of the Department of Commerce.

4. 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 sixth Monday in second term shall be deemed to have failed in that subject unless granted permission by the Dean to withdraw without penalty.

6. An applicant for registration or a candidate for the Diploma may be granted standing on conditions to be determined by the Faculty Board.

7. (a) To complete a subject qualifying towards the Diploma, hereinafter called a subject, a candidate shall attend such lectures, tutorials, seminars, laboratory classes and field work and submit such written work as the Department concerned shall require.
(b) To pass a subject a candidate shall satisfy the requirements of the previous clause and pass such examinations as the Faculty Board concerned shall require.

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

8. (a) To qualify for the Diploma a candidate shall, in not less than two years of part-time study, pass the required number of subjects from those listed in the Appendix to these Requirements save that a candidate with experience deemed by the Head of the Department of Commerce to be appropriate may be permitted to enrol as a full-time candidate in order to complete the requirements for the Diploma in not less than one year of full-time study.

(b) To qualify for the Diploma a candidate shall pass:

(i) five subjects selected from those specified in Groups A and B in the Appendix to these Requirements, at least three of which subjects shall be selected from Group B and all of which may be selected from Group B;

(ii) a Research Essay shown as Group C in the Appendix to these Requirements.

9. All subjects listed by the Faculty Board may not necessarily be offered in any one year.

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

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

**Stage 1**

Three subjects selected from Groups A and B.

**Stage 2**

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Advisory Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group A</td>
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<tr>
<td>Accounting IIIA</td>
<td>The advisory prerequisite subjects for the subjects in Group A are those prescribed as prerequisites in the Bachelor of Commerce degree course.</td>
</tr>
<tr>
<td>Accounting IIIB</td>
<td></td>
</tr>
<tr>
<td><em>Econometrics I</em></td>
<td></td>
</tr>
<tr>
<td><em>Econometrics II</em></td>
<td></td>
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<tr>
<td>Industrial Law</td>
<td></td>
</tr>
<tr>
<td><em>Information Systems</em></td>
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<td>Group B <strong>+1</strong></td>
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<tr>
<td><em>Accounting and Financial Studies</em></td>
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<td>Accounting Theory</td>
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<tr>
<td>Advanced Company Law</td>
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<td>Advanced Auditing</td>
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<td>Advanced Financial Management</td>
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<td>Advanced Taxation</td>
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<tr>
<td>Behavioural and Social Framework in Business</td>
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<td>Business Application of Statistical Decision Theory</td>
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<td>Comparative International Taxation</td>
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<td>Commercial Programming</td>
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<td>Corporate Strategy</td>
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<td>Finance</td>
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<tr>
<td>International and Interstate Business Law</td>
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<tr>
<td>Law of Stamp, Death, Gift and Estate Duties</td>
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<tr>
<td>Marketing Management</td>
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<td>Personnel Management</td>
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<td>Political and Legal Institutions</td>
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<tr>
<td>Quantitative Applications in Management Studies</td>
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<tr>
<td>Research and Development in Accounting Practice</td>
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<tr>
<td>Social and Public Authority Accounting Systems Analysis and Design</td>
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<tr>
<td>Other subjects as approved by the Faculty Board.</td>
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<tr>
<td>Group C</td>
<td>Research Essay</td>
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</tbody>
</table>

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

**Note**

1 In addition to Accounting and Financial Studies, six other Group B subjects will probably be offered in 1976. It is likely that the remaining subjects will be as follows:—
Advanced Company Law
Advanced Taxation
Behavioural and Social Framework in Business
Commercial Programming
Law of Stamp, Death, Gift and Estate Duties
Marketing Management
Personnel Management
Quantitative Applications in Management Studies
Research and Development in Accounting Practice
Systems Analysis and 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 1 only.

3 Five subjects must be selected from Groups A and B, all of which subjects may be selected from Group B; not more than two subjects may be selected from Group A.

4 Of these subjects two shall count as one subject for the purposes of satisfying requirement 8(b) (i) (i.e. these subjects shall be regarded as ‘half’ subjects for this purpose).

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 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

Certain changes requiring transitional arrangements have been made in 1976 in Group A of the Appendix to Requirements for the Diploma in Business Studies. The changes are indicated below:

<table>
<thead>
<tr>
<th>Subject Deleted</th>
<th>Subject Added</th>
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<tbody>
<tr>
<td>Sociological Aspects of Management</td>
<td>Theories of Organisation</td>
</tr>
</tbody>
</table>

Candidates who have passed the subject Sociological Aspects of Management shall not be permitted to enrol in the subject Theories of Organisation.

A candidate shall not include in his future programme for 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 the dissertation not later than the end of February in the year subsequent to the second full-time or third 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.
6. Subsequent to registration, the candidate shall pursue a course of advanced study and research for at least nine academic terms, save that any candidate who before registration was engaged upon research to the satisfaction of the Senate, may be exempted from three academic terms.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF SCIENCE

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

2. 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\(^1\) 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.

\(^1\)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.

(1) \textbf{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.

(2) \textbf{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.

(3) \textbf{Corequisite}

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

(4) \textbf{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.

(5) \textbf{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.

(6) \textbf{Content}

An outline of subject content.

(7) \textbf{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.

(8) \textbf{Texts}

Essential books which are recommended for purchase.

(9) \textbf{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.
411100 Accounting I

Prerequisites
Nil

Hours
A course of 2 lecture hours and a 2 hour tutorial per week throughout the year

Examination
Two 3-hour papers

Content
An analysis of the accounting function in the social structure; the historical cost model of income measurement and asset valuation. Alternative systems of accounting measurement — current purchasing power, current value and present value. Various types of entities: partnerships, companies, manufacturing and non-trading concerns. An introduction to basic techniques of management accounting including job costing, process costing, allocation of overheads, and budgeting; analysis and interpretation of financial statements; funds statements and an introduction to business finance. A brief survey of external influences on accounting.

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

References
- Bakker, P. Inflation and Profit Control (Methuen — Law Book Co.)
- Barton, A. D. The Anatomy of Accounting (University of Queensland Press)
- 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.)

412100 Accounting IIA

Prerequisites
Accounting I

Hours
A course of 2 lecture hours and a 2 hour tutorial per week throughout the year

Examination
Two 3-hour papers

Content
Theory and practice of company accounting; accounting for the formation, reconstruction, amalgamation, take-over, official management, receivership and liquidation of companies; the preparation of holding company and group financial statements; equity accounting; the valuation of shares and goodwill; funds statements; accounting for inflation; accounting for executorship, hire purchase and instalment-purchase, and lease agreements.

Texts
- Goldberg, L. (ed.) Fitzgerald's Accounting (Butterworths)
- Hunter, M. H. & Allport, N. J. A. Accounting (Holt, Rinehart & Winston)
- Mathews, R. The Accounting Framework (Cheshire)
- McCrae, T. W. The Impact of Computers on Accounting (Wiley)
- McNeil, E. Financial Accounting (Goodyear)
| References | Questions on Company Accounting  
| O'Shea, B. P. | (Butterworths) |
| — | Financial Accounting Theory Vol. 1 2nd edn  
| — | Accountancy Exercises (University of Newcastle) |
| — | Companies Act, 1961 (N.S.W. Government Printer) |

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**Prerequisites**  
Accounting I

**Hours**  
A course of 2 lecture hours and a 2 hour tutorial per week throughout the year

**Examination**  
Two 3-hour papers

**Content**  
The theory and practice of management accounting: the management planning and control process; the concept and classification of cost; cost estimation; cost-volume-profit analysis; incremental decision analysis; budgeting; job costing; process costing; joint and by product costing; accounting for materials labour and overhead; standard costing and variance analysis; responsibility accounting and performance evaluation; transfer pricing; capital investment analysis; inventory costing and control.

**Texts**  
Cost Accounting: Accounting Data for Management's Decisions (Harcourt, Brace & Jovanovich)

**References**  
Contemporary Problems in Cost Accounting (Houghton Mifflin)

**Anton, H. R. & Firmin, P. A.**

**Benston, G. J. (ed.)**

**Bierman, H. & Dyckman, T. R.**

**Bruns, W. J. & DeCoste, D. T.**

**Caplan, E. H.**

**Advanced Accounting 7th edn (Law Book Co.)**


**412200 Accounting IIB**

**Prerequisites**  
Accounting I

**Hours**  
A course of 2 lecture hours and a 2 hour tutorial per week throughout the year

**Examination**  
Two 3-hour papers

**Content**  
The theory and practice of management accounting: the management planning and control process; the concept and classification of cost; cost estimation; cost-volume-profit analysis; incremental decision analysis; budgeting; job costing; process costing; joint and by product costing; accounting for materials labour and overhead; standard costing and variance analysis; responsibility accounting and performance evaluation; transfer pricing; capital investment analysis; inventory costing and control.

**Texts**  
Cost Accounting: Accounting Data for Management's Decisions (Harcourt, Brace & Jovanovich)

**References**  
Contemporary Problems in Cost Accounting (Houghton Mifflin)

**Anton, H. R. & Firmin, P. A.**

**Benston, G. J. (ed.)**

**Bierman, H. & Dyckman, T. R.**

**Bruns, W. J. & DeCoste, D. T.**

**Caplan, E. H.**

**Advanced Accounting 7th edn (Law Book Co.)**

Dickey, R. L. (ed.)
Drucker, P. F.
Hofstede, G. H.
Johnson, R. A., Kast, F. E. & Rosenzweig, J. E.
Keller, W. & Ferrara, W. L.
Li, D. H.
Matz, A. & Curry, O. J.
Rosen, L. S. (ed.)
Schoderbek, P. O.
Shillinglaw, G.
Skensen, K. F. & Needles, B. E.
Solomons, D.
Solomons, D.
Timms, H. L.

Accountants’ Cost Handbook (Ronald)
The Practice of Management (Heinemann)
The Game of Budget Control (Ass. Book Pub.)
The Theory and Management of Systems (McGraw-Hill)
Management Accounting for Profit Control (McGraw-Hill)
Accounting, Computers, Management Information Systems (McGraw-Hill)
Cost Accounting — Planning and Control (South Western)
Topics in Managerial Accounting (McGraw-Hill)
Management Systems (Wiley)
Cost Accounting — Analysis and Control (Irwin)
Contemporary Thought in Accounting and Organizational Control (Dickenson)
Studies in Cost Analysis (Irwin)
Divisional Performance: Measurement and Control (Irwin)
Introduction to Operations Management (Irwin)

413100  Accounting IIIA

Prerequisites
Accounting IIA

Hours
A course of 2 lecture hours per week throughout the year

Examination
Two 3-hour papers

Content
Selected contemporary problems in the theory and practice of financial accounting, company and financial reporting and public practice including a study of current approaches to the formulation of accounting theory; governmental and institutional accounting.

Texts
Beck, G. W.
Levy, V. M.

Public Accountants in Australia — Their Social Role (Australian Accounting Research Foundation)
Public Financial Administration (Law Book Co.)

References
American Accounting Association
American Institute of C.P.A.’s
Backer, M. (ed.)
Barradell, M.
Baxter, W. T. & Davidson, S. (eds)
Bray, F. S.
Briloff, A. J.
Chambers, R. J.
Davidson, S. et al.
Edwards, E. O. & Bell, P. W.
Garner, P. & Berg, K. B. (eds)
Gilman, S.
Goldberg, L.
Goldberg, L.
Hendriksen, E. S.
Hendriksen, E. S. & Budge, B. P.
Jay, W. R. C. & Mathews, R. L.
Johnston, T. R., Jager, M. O. & Taylor, R. B.
Keller, T. F. & Zeff, S. A. (eds)
Littleton, A. C.
Mattessich, R.
Mikesell, R. M. & Hay, L. E.
Moonitz, M. & Littleton, A. C.
Mueller, G. G.

A Statement of Basic Accounting Theory
Accounting Research Studies
Modern Accounting Theory (Prentice-Hall)
Ethics and the Accountant (Gee)
Studies in Accounting Theory (Sweet & Maxwell)
The Accounting Mission (Melbourne University Press)
The Effectiveness of Accounting Information (Praeger)
Accounting, Evaluation and Economic Behaviour (Prentice-Hall)
An Income Approach to Accounting Theory (Prentice-Hall)
The Theory and Measurement and Business Income (California University Press)
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)
Accounting Theory (Irwin)
Contemporary Accounting Theory (Dickenson)
Government Accounting in Australia (Cheshire)
Law and Practice of Company Accounting in Australia (Butterworths)
Structure of Accounting Theory (American Accounting Association)
Accounting and Analytical Methods (Irwin)
Government Accounting (Irwin)
Significant Accounting Essays (Prentice-Hall)
International Accounting (Macmillan)
Murphy, M. E.
Normanton, E. L.
Norris, H.
Paton, W. A. & Littleton, A. C.
Ross, H.
Staubus, G. J.
Storey, R. K.
Vatter, W. J.
Wixom, R., Ken, W. G. & Bedford, N. M.
Zeff, S. A. & Keller, T. F. (eds)

**Advanced Public Accounting Practice (Irwin)**

**The Accountability and Audit of Governments**
(Manchester University Press)

**Accounting Theory**
(Pitman)

**An Introduction to Corporate Accounting Standards**
(American Accounting Association)

**Financial Statements: A Crusade for Current Values**
(Pitman)

**A Theory of Accounting to Investors**
(California University Press)

**The Search for Accounting Principles**
(A.I.C.P.A.)

**The Fund Theory of Accounting**
(Chicago University Press)

**Accountants' Handbook**
(Ronald)

**Financial Accounting Theory I: Issues and Controversies**
(McGraw-Hill)

413200 Accounting IIIB

**Prerequisites** Accounting IIB

**Hours** A course of 2 lecture hours per week throughout the year

**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 for accounting control, behavioural considerations in management accounting and general concepts of management accounting including decision making for small and medium sized manufacturers.

**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

Anton, H. R. & Firmin, P. A.
Benston, G. J.
Bierman, H.
Greenwood, W. T.
Hofstede, G. H.
Horngren, C. T.
Li, D. H.
Mantell, L. H. & Sing, F. P.
National Association of Accountants
Parker, R. H.
Rappaport, A. (ed.)
Schiff, M. & Lewin, A. (ed.)
Skousen, K. F. & Needles, B. E. Jr (ed.)
Solomons, D. (ed.)
Thomas, W. E. (ed.)

**Contemporary Problems in Cost Accounting**
(Houghton Mifflin)

**Contemporary Cost Accounting and Control**
(Dickenson)

**Topics in Cost Accounting and Decisions**
(McGraw-Hill)

**Decision Theory and Information Systems**
(South Western)

**The Game of Budget Control**
(Associated Book Publishers)

**Accounting for Management Control**
(Prentice-Hall)

**Economics for Business Decisions**
(McGraw-Hill)

**Management Accounting: An Historical Perspective**
(Macmillan)

**Information for Decision Making 2nd edn**
(Prentice-Hall)

**Behavioural Aspects of Accounting**
(Prentice-Hall)

**Contemporary Thought in Accounting and Organisational Control**
(Dickenson)

**Studies in Cost Analysis**
(Sweet & Maxwell)

**Readings in Cost Accounting Budgeting and Control**
(South-Western)

413601 Auditing

**Prerequisites** Accounting IIA

**Hours** A course of 2 lecture hours per week throughout the year

**Examination** One 3-hour paper

**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.

**Texts**

Institute of Chartered Accountants in Australia
- Statements on Auditing
- The Philosophy of Auditing
  (American Accounting Association)
- Auditing: A Conceptual Approach
  (Wadsworth)

Mautz, R. K. & Sharaf, H. A.
- Auditing: A Conceptual Approach
  (Wadsworth)

Porter, W. T. & Burton, J. C.
- Principles of Auditing
  (Holt, Rinehart & Winston)

**References**

American Institute of C.P.A.
- Statement on Auditing Standards (A.I.C.P.A.)
- Contemporary Auditing (Dickenson)
- Readings in Auditing (South-Western)

Boutell, W. S.
- Manual of Auditing (Gee & Co.)
- Student's Manual of Auditing (Gee & Co.)
- Auditing Principles and Procedure (Irwin)

Brasseaux, J. H. & Edwards, J. D.
- Perspectives in Auditing (McGraw-Hill)

Carmichael, D. R. & Willingham, J. J.
- Professional Negligence (Butterworths)
- Fundamentals of Auditing (Wiley)
- Principles of Auditing (Irwin)

Cooper, V. R. V.
- Auditing Systems for Management Control
  (Irwin)
- Independent Auditing Standards (Holt, Rinehart & Winston)

Cooper, V. R. V.
- Auditing Manual (Counting House Publishing Co.)
- Auditing Principles — Objectives, Procedures and Working Papers (Prentice-Hall)

Irish, R. A.
- Auditing 4th edn (Law Book Co.)

Lee, T. A.
- Company Auditing: Concepts and Practices
  (Institute of Chartered Accountants of Scotland)

Mannix, E. F.
- Professional Negligence (Butterworths)
- Fundamentals of Auditing (Wiley)
- Principles of Auditing (Irwin)

Mautz, R. K.
- Accounting Systems for Management Control
  (Irwin)
- Independent Auditing Standards (Holt, Rinehart & Winston)

Meigs, W. B. & Larsen, E. J.
- Auditing Manual (Counting House Publishing Co.)
- Auditing Principles — Objectives, Procedures and Working Papers (Prentice-Hall)

Moore, F. E. & Stettler, H. F.
- Auditing Manual (Counting House Publishing Co.)
- Auditing Principles — Objectives, Procedures and Working Papers (Prentice-Hall)

Ray, J. C. (ed.)
- Auditing Manual (Counting House Publishing Co.)
- Auditing Principles — Objectives, Procedures and Working Papers (Prentice-Hall)

Staples, F.
- Auditing Principles — Objectives, Procedures and Working Papers (Prentice-Hall)
- Systems Based Independent Audits
  (Prentice-Hall)
- Principles of Auditing (Holt, Rinehart & Winston)
- Dicksee's Auditing (Gee & Co.)
- Auditing Concepts and Methods
  (McGraw-Hill)

411300 Commercial Electronic Data Processing

**Prerequisites**

Nil

**Hours**

A course of 2 lecture hours and 1 hour tutorial per week throughout the year

**Examination**

One 3-hour paper

**Content**

Computer equipment and its functioning — the central processing unit, input/output units. Data and data processing principles — flowcharting and systems analysis, data preparation and capture, file concepts and introductory file organisation and processing. Programming languages — BASIC as an introductory data processing language as well as elementary FORTRAN and elementary COBOL.

Extensive practical work in BASIC including case studies.

**Texts**

Davis, G. B.
- Introduction to Electronic Computers
  (McGraw-Hill)
- Learning BASIC Fast (Reston)

De Rossi, C. J.
- Basic (Wiley)

Elliott, C. O. & Wasley, R. S.
- Business Data Processing (Prentice-Hall)
- Computer Oriented Business Systems
  (Prentice-Hall)
- Information Systems (Scott, Foresman & Co.)
- Business Information Processing Systems
  (Irwin)
- Basic FORTRAN IV Programming (Irwin)
- Introduction to the Computer (Prentice-Hall)
Harris, M. L.  
*Introduction to Data Processing* (Wiley)

Sanders, D. H.  
*Computers in Business* (McGraw-Hill)

Silver, G. A. & Silver, J. B.  
*Data Processing for Business* (Harcourt, Brace & Jovanovich)

Thierauf, R. J.  
*Data Processing for Business and Management* (Wiley)

Watters, J.  
*COBOL Programming* (Heinemann)

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**413602 Financial Management**

**Prerequisites**
Nil

**Hours**
A course of 2 lecture hours per week throughout the year

**Examination**
One 3-hour paper

**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)

Van Horne, J.  
*Financial Management and Policy* (Prentice-Hall)

**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)

Haley, C. W. & Schall, L. D.  

Jean, W. H.  
*Finance* (The Dryden Press)

Jean, W. H.  
*The Analytical Theory of Finance* (Holt, Rinehart & Winston)

**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 enrol in this subject.

**Prerequisites**
Commercial Electronic Data Processing (or Management Studies if passed in 1974)

**Hours**
A course of 2 lecture hours per week throughout the year

**Examination**
Two 3-hour papers

**Content**

**Texts**
Burch, J. G. Jr & Strater, F. R. Jr  

Murdick, R. G. & Ross, J. E.  
*Information Systems for Modern Management* (Prentice-Hall)

Schoderbeck, P. P.  
*Management Systems* (Wiley)
References
Adams, E. B. Management of Information Technology — Case Studies (Petrocelli/Charter)
Brightman, R. W. Information Systems for Modern Management (Macmillan Co.)
Daniels, A. & Yeates, D. Basic Training in Systems Analysis (Sir Isaac Pitman & Sons Ltd)
Dippel, G. & House, W. C. Information Systems — Data Processing and Evaluation (Scott, Foresman & Co.)
Jancura, E. G. Audit and Control of Computer Systems (Petrocelli/Charter)
Lyon, J. K. An Introduction to Data Base Design (Wiley)
Martin, J. Design of Real-Time Computer Systems (Prentice-Hall)
Rappaport, A. Information for Decision Making — Quantitative and Behavioural Dimensions (Prentice-Hall)
Sanders, D. H. Computers and Management (McGraw-Hill Book Co.)
Taviss, I. (ed.) The Computer Impact (Prentice-Hall)
Van Tassel, D. Computer Security Management (Prentice-Hall)
Yourdon, E. Design of On-Line Computer Systems (Prentice-Hall)

413605 Marketing

Prerequisites Organisational Behaviour (Advisory)

Hours A course of 2 lecture hours per week throughout the year

Examination One 2-hour paper plus mid-year examination

Content
The concept of marketing; the marketing system within the economic system; definition of marketing organisations and structures; study of policies and methods in the marketing of consumer and industrial products and services; study of the marketing management functions of planning; execution; control; and feedback.

Texts
Westing, J. H. & Albaum G. Modern Marketing Thought (Macmillan)

References
Collinge, J. The Law of Marketing in Australia and New Zealand (Thesaurus)
Dunn, S. W. & Barban, A. M. Advertising — Its Role in Modern Marketing (Dryden)
Engel, J. F. et al. Consumer Behaviour (Holt, Rinehart & Winston)
Gist, R. R. Marketing and Society (Holt, Rinehart & Winston)
Green, P. E. & Tull, D. S. Research for Marketing Decisions (Prentice-Hall)
Holloway, R. J. & Hancock, R. S. The Environment of Marketing Management (Wiley)
Kassarjian, H. H. & Robertson, T. S. Perspectives in Consumer Behaviour (Scott, Foresman & Co.)
Kernan, J. B. et al. Promotion (McGraw-Hill)
King, W. R. Quantitative Analysis for Marketing Management (McGraw-Hill)
Kotler, P. Marketing Management Analysis, Planning and Control (Prentice-Hall)
McCarthy, J. E. Basic Marketing (Irwin)
Nador, R. (ed.) The Consumer and Corporate Accountability (Harcourt-Brace)
Scheuing, E. E. New Product Management (Dryden)
Stanton, W. J. Fundamentals of Marketing (McGraw-Hill)
Terpstra, V. International Marketing (Holt, Rinehart & Winston)
Zaltman, G. & Burger, P. C. Marketing Research: Fundamentals and Dynamics (Dryden)
412600 Organisational Behaviour

**Prerequisites**  
Nil

**Hours**  
A course of 2 lecture hours per week throughout the year

**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 University Press)
- Luthans, F.  
  Organisational Behaviour (McGraw-Hill)
- Gellerman, S. W.  
  The Management of Human Relations  
  (Holt, Rinehart & Winston)
- Leavitt, H. J.  
  Managerial Psychology (Chicago University Press)
- Miner, J. B.  
  Management Theory (McGraw-Hill)
- 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)

413607 Securities Analysis

**Prerequisites**  
Financial Management (Advisory)

**Hours**  
A course of 2 lecture hours per week throughout the year

**Examination**  
One 3-hour paper

**Content**
Investment risks and returns; fixed-return securities; variable-return securities; structure of the Australian capital market; securities market regulation; sales, earnings and dividend analysis; financial structure; price/earnings ratios; growth stock models; technical analysis of stock trends; the efficient market hypothesis; portfolio management; performance evaluation.

**Suggested Preliminary Reading**
Graham, B.  
The Intelligent Investor (Harper & Row)

**Texts**
- Lorie, J. H. & Hamilton, M. T.  
  The Stock Market: Theories and Evidence  
  (Irwin)
  Security Analysis and Portfolio Management: A Casebook (Holden Day)

**References**
- Amling, F.  
  Investments (Prentice-Hall)
- Ball, R. E.  
  Readings in Investments (Allyn & Bacon)
- Brealey, R. A.  
  An Introduction to Risk and Return from Common Stocks (Massachusetts Institute of Technology Press)
- Edwards, R. D. & Magee, J.  
  Technical Analysis of Stock Trends (Magee)
- Elton, E. J. & Gruber, M. J.  
  Security Evaluation in Portfolio Management (Prentice-Hall)
- Fama, E. F. & Miller, M. H.  
  The Theory of Finance (Holt, Rinehart & Winston)
- Francis, J. C.  
  Investments: Analysis and Management (McGraw-Hill)
- Frederikson, E. B.  
  Frontiers of Investment Analysis (International Text Book Co.)
- Graham, B., Dodd, D. L. & Cottle, S.  
  Security Analysis (McGraw-Hill)
- Haley, C. W. & Schall, L. D.  
  The Theory of Financial Decisions (McGraw-Hill)
- Hirst, R. R. & Wallace, R. H.  
  Studies in the Australian Capital Market (Cheshire)
- The Institute of Chartered Financial Analysts  
  C.F.A. Readings in Financial Analysis (Irwin)
- Jiler, W. L.  
  How Charts Can Help in the Stock Market (Commodity Research Publication)
- Lerner, E. M.  
  Readings in Financial Analysis and Investment Management (Irwin)
413612 Theories of Organisation

**Prerequisites**
Organisational Behaviour

**Hours**
A course of 2 lecture hours per week throughout the year

**Examination**
One 3-hour paper

**Content**
Organisations and the rationalisation of work; organisational structures; the scientific management movement; Mayo and the Hawthorne experiments; Kurt Lewin and field theory; group membership and conformity; intergroup conflict; search for principles of management; propositions on organisation behaviour; bureaucracies as working communities; leadership, organisational change and conflict.

**Texts**
Cleverley, G.

Mannix, E. F.

Kast, F. & Rosenzweig, J. E.

Katz, D. & Kahn, R. L.

March, J. G. & Simon, H. A.

Margulies, N. & Raid, A. P.

Silverman, D.

Woodward, J.

Managers and Magic (Pelican)

Organisations in Theory and Practice (Heinemann)

The Psychology of Interpersonal Behaviour (Penguin)

Organisations (Heinemann)

Organisation and Management: A Systems Approach (McGraw-Hill)

The Social Psychology of Organisations (Wiley)

Organisations (Wiley)

Organisation Development: Values, Process and Technology (McGraw-Hill)

The Theory of Organisations (Heinemann)

Industrial Organisation: Theory and Practice (Oxford University Press)

413609 Taxation

**Prerequisites**
Nil

**Hours**
A course of 2 lecture hours per week throughout the year

**Examination**
One 3-hour paper

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**

**Texts**
Mannix, E. F. & Harris, D. W.

Australian Income Tax Guide (latest edition) (Butterworths)

OR

C.C.H.

1976 Australian Master Tax Guide

Accountancy Exercises (University of Newcastle)

**Statutes**


OR


**References**
Mannix, E. F.

Australian Income Tax Leading Cases (Butterworths)

Ryan, K. W.


**Statutes**

Income Tax (International Agreements) Act, 1953 (as amended) (Commonwealth Government Printer)

Sales Tax Assessment Acts Nos. 1 to 9 (Commonwealth Government Printer)
Quantitative Business Analysis

Prerequisites
Nil

Hours
A course of 2 lecture hours per week throughout the year

Examination
One 3-hour paper

Content
The use of quantitative models in managerial decision making. Particular emphasis on model formulation and output evaluation; algebra and geometry of linear models; linear programming; sensitivity testing and duality; network models and algorithms; integer programming; dynamic programming; quadratic programming; goal programming; optimization applications; stochastic model concepts; probabilistic dynamic programming; forecasting; Markov chains; probabilistic inventory models; queuing models; competitive models; and simulation.

Texts
Bolch, B. W. & Huang, C. J.
Gue, R. L. & Thomas, M. E.

References
Ackoff, R. L. & Sasieni, M. W.
Bierman, H., Bonini, D. P. & Hausman, W. H.
Boyce, W. E. & Di Prima, R. C.
Dempster, A. P.
Freund, J. E. & Williams, F. J.
Hadley, G.

Non-Linear and Dynamic Programming (Addison-Wesley)
An Introduction to Quantitative Business Analysis (McGraw-Hill)
Methods and Models of Operations Research (Prentice-Hall)
Executive Decisions and Operations Research (Prentice-Hall)
Operations Research (Collier-Macmillan)
Decision Making Through Operations (Wiley)
Linear Algebra (Nelson)
Principles of Operations Research (Prentice-Hall)

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
Seminars are of 2 hours per week throughout the year

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, company financial statements, etc., and to present his findings in the form of a research essay.

Texts
No books are prescribed for this course 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
Seminars are of 2 hours per week throughout the year

Examination
Assessment of seminar paper

Content
The theory and measurement of accounting profit.

Texts
Nil

References
Backer, M. (ed.) Modern Accounting Theory (Prentice-Hall)
Baxter, W. T. & Davidson, S. (eds) Studies in Accounting Theory (Sweet & Maxwell)
Bedford, N. M. Income Determination Theory: An Accounting Framework (Addison & Wesley)
Chambers, R. J., Goldberg, L. & Mathews, R. L. (eds) The Accounting Frontier (Cheshire)
Davidson, S. et al. An Income Approach to Accounting Theory (Prentice-Hall)
Garner, P. & Berg, K. B. Readings in Accounting Theory (Houghton Mifflin)
Gilman, S. Accounting Concepts of Profit (Ronald Press)
Goldberg, L. An Inquiry into the Nature of Accounting (American Accounting Association)
Hansen, P. The Accounting Concept of Profit (North Holland Publishing Co.)
Hendriksen, E. S. Accounting Theory (Irwin)
Johnston, T. R., Jager, M. O. & Taylor, R. B. The Law and Practice of Company Accounting in Australia (Butterworths)
Norris, H. Accounting Theory (Pitman)

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
A course of 6 — 8 hours per week throughout the year

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 IIIA or Accounting IIIB (whichever not taken previously), methodology of accounting theory formation, contemporary accounting thought, 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.

Texts
Buckley, J. W. Contemporary Accounting and its Environment (Dickenson)
Chatfield, M. Contemporary Studies in the Evolution of Accounting Thought (Dickenson)
Mueller, G. G. International Accounting (Macmillan)
References

American Accounting Association
American Institute of Certified Public Accountants
Backer, M. (ed.)
Bedford, N. M.
Berenson, C. & Colton, R.
Berg, K. B., Mueller, G. G. & Walker, L. M.
Berlo, D. K.
Bruns, W. G. & De Coster, D. T. (eds)
Chambers, R. J.
Chambers, R. J., Goldberg, L. & Mathews, R. L.
Deinzer, H. T.
Goldberg, L.
Hendriksen, E. S.
Ijiri, Y.
Kuhn, T. S.
Mattessich, R.
Moonitz, M. & Littleton, A. C.
Mueller, G. G.
Mueller, G. G.
Mueller, G. G.
Pattilo, J. W.

A Statement of Basic Accounting Theory
Professional Accounting in 25 Countries
Modern Accounting Theory (Prentice-Hall)
Income Determination Theory: An Accounting Framework (Addison Wesley)
Research and Report Writing for Business and Economics (Random House)
Readings in International Accounting (Houghton Mifflin)
The Process of Communication (Holt, Rinehart & Winston)
Accounting and its Behavioural Implications (McGraw-Hill)
Accounting, Evaluation and Economic Behaviour (Prentice-Hall)
The Accounting Frontier (Cheshire)
Development of Accounting Thought (Holt, Rinehart & Winston)
An Inquiry into the Nature of Accounting (American Accounting Association)
Accounting Theory (Irwin)
The Foundation of Accounting Management (Prentice-Hall)
The Structure of Scientific Revolution (University of Chicago Press)
Accounting and Analytical Methods (Irwin)
Significant Accounting Essays (Prentice-Hall)
Accounting Practices in the Netherlands (University of Washington)
Accounting Practices in Germany (University of Washington)
Accounting Practices in Sweden (University of Washington)
The Foundation of Financial Accounting (Louisiana State University Press)

416104 Accounting and Financial Studies

Note
Enrolment in this subject is restricted to students who have not previously passed any accounting examinations at tertiary level.

Prerequisites
Nil

Hours
A course of 2 lecture hours per week throughout the year

Examination
An examination each half year

Content
The use of accounting information for business decisions. Analysis of balance sheets. Income appropriation and flow of funds statements; basic accounting procedures; the concept of cost; types and uses of internal accounting systems; cost allocation; the concept of income; inventory valuation; measurement and accounting; accounting for inflation; preparation of financial statements; analysis and interpretation of financial statements.

Basic cost accounting; management control processes; budget as a planning device; budget as a control device; budgeting and employee behaviour; responsibility accounting; performance evaluation; cost analysis for management decisions including capital acquisitions and optimal investment behaviour; transfer pricing; capacity utilisation and control; statistical techniques for operational cost control.

Texts

References
To be advised

430101 Advanced Company Law

See Department of Legal Studies, page 111.
410114  Behavioural and Social Framework in Business

**Prerequisites**
Organisational Behaviour (Advisory)

**Hours**
A course of 2 lecture hours per week throughout the year

**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, problemsolving, introduction to communications, group dynamics, leadership and related socio-psychological topics. Some emphasis on professional development in management.

**Social Framework in Business:** The cultural growth and social value structure of western society. The relationship between organisations and the environment. The process of organisational change. The various theories of organisation structures, viz. open systems, structural functionalism, socio-technical, Glacier model etc. Lewin’s force field theory; models of organisational conflict.

**Texts**
Brown, W.
Kelly, J.
Yuill, B. & Steinhoff, D.

**References**
Organisation (Heinemann)
Organisational Behaviour (Irwin)
Developing Managers in Organisations (Wiley)
To be advised

410103  Commercial Programming

**Prerequisites**
Commercial E.D.P. (Advisory)

**Hours**
A course of 2 lecture hours per week for half of the year plus readings and extensive practical work throughout the second half of the year.

**Examinations**
Two 3-hour papers
(first paper at midyear — Theory; second paper at end of year — Cobol)

**Content**
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.

**Texts**
- I.C.L.
- Watters, J. L.

**References**
- Clifton, H. D.
- Davis, G. B.
- Litecky, C. R.
- Laden, H. N.
- Gildersleeve, T. R.
- McCracken, D. D.
- Weiss, H.
- Lee, T.
- Sanders, D. H.
- Stern, N. B.

**Marketing Management**

**Prerequisites**
Marketing (Advisory)

**Hours**
A course of 2 lecture hours per week throughout the year

**Examination**
An examination each half year

**Content**
Marketing Management A: Analysis of marketing from the viewpoint of the decision-maker, including study of the marketing concept, 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.

Marketing Management B: Discussion of fundamental problems in forming an objective and systematic basis for making marketing decisions. Attention will be given to the management of marketing information from the standpoint of the design and evaluation of marketing research in the following areas: consumer behaviour, promotion, product development, pricing strategies etc. as strategic variables.

**Texts**
- Kotler, P.

**References**
- To be advised

**410116 Personnel Management**

**Prerequisites**
Theories of Organisation

**Hours**
A course of 2 hours per week throughout the year

**Examination**
One 3-hour paper

**Content**
Application of behavioural sciences and principles of management to problems of human resources administration in complex organisations, including job analysis, selection, testing, training, development, performance appraisal, job evaluation, wage and salary administration, communications, employee motivation, manpower planning, personnel research, and related topics.

**Texts**
- Beach, D. S.
- Miner, J. B.
- Miner, M. G.

**References**
- Calhoon, R. P.
- Famularo, J. J.
- Ginsberg, E.
- Guion, R.
Odiorne, G. S. Personnel Administration by Objectives (Irwin)
Stagner, R. & Rosen, H. Psychology of Union Management Relations (Tavistock)
Stainer, G. Manpower Planning (Heinemann)
Wasmuth, W. J. et al. Human Resources Administration: Problems of Growth and Change (Houghton Mifflin)
Yuill, B. & Polites, G. Personnel for Australian Management (West Publishing Company)

410118 Quantitative Applications in Management Studies

**Prerequisites**
Quantitative Business Analysis (Advisory)

**Hours**
A course of 2 lecture hours per week throughout the year

**Examination**
An examination each half year

**Content**

*Operations Management A:* What is operations management? The history of operations management; the role of operations management in modern management; an overview of the current situation; operations management methodology; review of mathematics; use of the computer; linear programming; game theory; network theory.

*Operations Management B:* Review of probability; use of the computer; integer programming; dynamic programming; queues; inventory modelling; Markov chains; simulation.

**Texts**
Wagner, H. M. *Principles of Operations Research* (Prentice-Hall)

**References**
To be advised

410110 Research Essay

**Prerequisites**
Nil

**Content**

All students enrolled for the Research Essay 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**
Rigby, P. H. *Conceptual Foundations of Business Research* (Wiley)

**References**
Strunk, W. & White, E. B. *The Elements of Style* (Macmillan)
421101 Microeconomics

Prerequisites: Nil

Hours: Two lecture hours and one tutorial hour per week

Examination: One 3-hour paper

Content:
Microeconomics is the branch of economics that is concerned with the behaviour of individual consumers, firms and resource owners. The course begins with a brief introductory account of the major problems of economics and the methods of economic analysis. It then reviews the theory of individual and market demand. After an analysis of the production function and costs of production, it examines the theory of firms' price and output policies in different market situations, paying attention to the results of both theoretical and empirical studies. The final section is concerned with the analysis of pricing and employment of productive resources.

Preliminary Reading:
Samuelson, P., Hancock, K. & Wallace, R.}

Texts:
one of the following
Cole, C. L.
Ferguson, C. E. & Maurice, S. C.
Leftwich, R. H.
Mansfield, E.
Tisdell, C.

References:
Clower & Due
Mansfield, E.
Mansfield, E.
Shows, E. W. & Burton, R. H.

421106 Economic Statistics I

Prerequisites: Nil

Hours: Two hours lectures/tutorials per week in small groups

Examination: One 3-hour paper

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, linear regression and correlation analysis, time series analysis and index numbers.

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

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

Preliminary Reading:
Moroney, M. J.
Yeomans, K. A.

Texts:
one of the following
James, D. E. & Throsby, C. D.
Newton, B. L.

References:
Kazmier, L. J.

Clower & Due
Mansfield, E.
Mansfield, E.
Shows, E. W. & Burton, R. H.

Microeconomics (Irwin 1972)
Microeconomics — Selected Readings 2nd edn (Norton 1975)
Microeconomics (Heath 1972)

Facts From Figures (Penguin)

Introduction to Quantitative Methods in Economics (John Wiley 1973)
Statistics for Business (Science Research Associates Inc. 1973)

Statistical Analysis in Business and Economics (McGraw-Hill 1967)
Economic History I

Prerequisites
Nil

Hours
Two lecture hours and one tutorial hour per week

Examination
Assessment is on the basis of three major essays, a minimum of ten tutorial papers and an end-of-year examination.

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

Preliminary Reading
Cipolla, C. M. (ed.)

and either

Heilbroner, R. L.

or

Gill, R. T.

Other Texts
Davis, R.

Hughes, J. E. T.

Economic History II

Prerequisites
Economic History I

Hours
Two lecture hours

Examination
One 3-hour paper

Content
The course is concerned with 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.
**423106 Economic History III**

**Texts**
- Deane, Phyllis: *The First Industrial Revolution* (Cambridge University Press 1967)

**References**
- Rostow, W. W. (ed.): *The Economics of the Take-off into Sustained Growth* (Macmillan 1968)

**422101 Macroeconomics**

**Prerequisites**
- Microeconomics

**Hours**
- Two lecture hours and one tutorial hour per week

**Examination**
- One 3-hour paper

**Content**
This course deals with the determination and measurement of the levels of income, employment and economic activity. Models of closed systems are introduced and the connections between the major aggregate economic variables are outlined. This includes consideration of the factors bearing on major components of aggregate demand and aggregate supply, including the effects of monetary influences. The external sector and the government sector are also incorporated. The emphasis is on short-run models of aggregate economic behaviour, but policy implications are taken into consideration.

**Texts**
- Wonnacott, Paul: *Macroeconomics* (Irwin 1974)

**References**
- Keiser, N. F.

Shapiro, E.  *Macroeconomic Analysis* 3rd edn (Harcourt, Brace & World 1974)

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

Trevithick, J. A. & Mulvey, C.  *The Economics of Inflation* (Martin Robinson 1975)

422109  **Economics Honours Seminar I**

**Prerequisites**  Microeconomics

**Corequisites**  Macroeconomics

**Hours**  One seminar hour per week

**Examination**  One 3-hour paper

**Content**  This is a seminar programme designed for potential honours graduates and involves in depth treatment and/or extension of topics treated in the Macroeconomics course.

422107  **Money and Banking**

**Prerequisites**  Microeconomics

**Hours**  Two lecture hours per week

**Examination**  One 3-hour paper

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

**Preliminary Reading**  Morgan, E. Victor  *A History of Money* (Pelican 1965)

422105  **Economic Statistics II**

**Prerequisites**  Economic Statistics I

**Hours**  Two lecture hours and one tutorial hour per week

**Examination**  One 3-hour paper

**Content**  The course emphasises statistical application rather than theory and topics covered 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**  Hamburg, M.  *Statistical Analysis for Decision Making*  International edn (Harcourt, Brace & Jovanovich Inc.)

**References**  Costis, H. G.  *Statistics for Business* (Ohio, Charles E. Merrill Publishing Co. 1972)


422106  Statistical Analysis

Prerequisites  Economic Statistics I

Hours  Two lecture hours per week

Examination  One 3-hour paper

Content
The first part of this course is concerned with elementary mathematical statistics. This section includes work on probability density functions and their application in statistical inference. In the second part of this course a study is made of the General Linear Normal Regression Model. The third part of this course involves an examination of the utilisation of Input-Output Analysis.

Preliminary Reading
Shao, S. P.  *Statistics for Business and Economics* (Merrill)
Chao, L. L.  *Statistics: Methods and Analyses* (McGraw-Hill)
Chiou-Shuang, Yan  *Introduction to Input-Output Analysis* (Rinehart & Winston)

References
Frank, Charles R. Jnr  *Statistics and Econometrics* (Holt, Rinehart & Winston)
Hoel, Paul G. & Jessen, Raymond J.  *Basic Statistics for Business and Economics* (Student edn Wiley)
Leabo, Dick A.  *Basic Statistics* 4th edn (Irwin 1972)
L'Esperance, Wilford L.  *Modern Statistics for Business and Economics* (Macmillan)

422201  Industry Economics

Prerequisites  Microeconomics

Hours  Two lecture hours per week

Examination  One 3-hour paper and assessment based upon written work

Content
This course is designed to deepen and broaden some microeconomic principles previously acquired and to apply these principles to the problems of industrial structure and organisation with particular reference to Australian industry. The subjects to be treated 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 technological 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, the regulated monopoly firm, and public goods and social choice.

Text

References
George, K. D.  *Industrial Organization* 2nd edn (George Allen & Unwin 1974)
Sheridan, K.  
*The Firm in Australia* (Melbourne, Thomas Nelson 1974)

Sherman, R.  
*The Economics of Industry* (Boston, Little, Brown 1974)

Vernon, J. M.  

Yamey, B. (ed.)  
*Economics of Industrial Structure, Selected Readings* (Penguin 1973)

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422202  **Labour Economics**

**Prerequisites**  
Microeconomics

**Hours**  
Two lecture hours per week

**Examination**  
Assessment based upon written work and one 3-hour paper

**Content**  
The course is concerned with the economic significance of labour as a factor of production. Areas to be studied include: the supply of labour; the nature and 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 & Sons 1971)

**Texts**

Horn, R. V.  
*Labour Market Economics — Australia*  
(Cheshire 1975)

Niland, J. R. & Isaacs, J. E. (eds)  

McConnell, C. R. (ed.)  

Reynolds, L. G.  
*Labor Economics and Labor Relations 6th edn*  
(Englewood Cliffs, Prentice-Hall 1974)

**References**

Cartter, A. M. & Marshall, F. R.  
*Labour Economics: Wages, Employment and Trade Unionism* rev. edn (Irwin 1972)

Davidson, P.  
*Theories of Aggregate Income Distribution* (Rutgers University Press 1960)

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423104  **Growth and Development**

**Prerequisites**  
Macroeconomics

**Hours**  
Two lecture hours per week

**Examination**  
One 3-hour paper

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

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

**Preliminary Reading**

Bober, Stanley  
*The Economics of Cycle and Growth* (New York, Wiley 1968)

Clark, John G. & Cohen, M. (eds)  

Enke, S.  
*Economics for Development* (London, Dobson 1963)
Hicks, J. R.  
Meade, J. E.  
Meier, G. M.  
Neher, Phillip A.  
Szentes, T.  

References  
Gill, R. T.  
Myint, H.  

Text  
Hamberg, D.  

References  
Gill, R. T.  
Myint, H.  

423102 International Economics  

Prerequisites  
Macroeconomics  

Hours  
Three lecture hours and one seminar hour per fortnight  

Examination  
One 3-hour paper  

Content  
The course begins with an analysis of balance of payments problems and of various policies of adjustment, such as internal expenditure changes, devaluation and revaluation, floating exchange rates and direct controls. It goes on to examine the present international monetary system and its reform. The course then considers certain theoretical aspects of international capital movements and the implications of overseas investment in Australia. This is followed by a study of the theories of international trade in its non-monetary aspects. The theory of restrictions on trade is then discussed, with particular emphasis on the role of tariffs and of customs unions, followed by an assessment of Australian tariff policy. Finally, the course examines the effects of economic growth on trade as well as the role of international trade in economic development.

Preliminary Reading  
Kenen, P. B.  

Texts  
Scammell, W. M.  
Or  
Ellsworth, P. T. & Leith, J. C.  
Also  
Snape, R. H.  

References  
Bhagwati, J. (ed.)  
Caves, R. E. & Johnson, H. G. (eds)  
Cooper, R. R. (ed.)  
Heller, H. R.  

The International Economy 5th edn (New York, Macmillan 1975)  

International Trade and the Australian Economy 2nd edn (Australia, Longman 1973)  

423103 Public Economics  

Prerequisites  
Macroeconomics  

Hours  
Three lecture hours per fortnight  

Examination  
One 3-hour paper  

Content  
The course considers the effect of government intervention in the economy through the budget and through the operation of various publicly-owned business undertakings. At the microeconomics level there is an analysis of tax and expenditure policies. In particular, the effects of these policies on community welfare and on incentives are examined.
The macroeconomic aspects of the budget are also discussed. Aggregate models are used to analyse the relation of fiscal policy to other economic policies for stability and growth. Inter-governmental fiscal relationships and the place of fiscal policy in less developed countries are briefly considered.

**Preliminary Reading**

Eckstein, O. *Public Finance* 3rd edn (Prentice-Hall 1973)

**Texts**

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

Fromm, G. & Taubman, P. *Public Economic Theory and Policy* (Collier-Macmillan)

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

**References**

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


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


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

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

423105 Economics Honours Seminar II

**Prerequisites**

Macroeconomics

**Corequisites**

Two of: Growth and Development

International Economics

Public Economics

**Hours**

1½ seminar hours per week, alternating between the two subjects selected

**Examination**

One 3-hour paper

423203 History of Economic Thought

**Prerequisites**

Macroeconomics

**Hours**

Two lecture hours per week

**Examination**

One 3-hour paper

**Content**

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

**Texts**

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


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**

Macroeconomics

**Hours**

Two lecture hours per week

**Examination**

One 3-hour paper

**Content**

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

The latter part of the course begins with a detailed examination of the welfare foundations of microeconomic policy. This is followed by a survey of approaches to microeconomic policy adopted by governments in recent years. The course concludes with a study of a number of theoretical and practical issues which arise with the implementation of microeconomic policies. Among the issues discussed are 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* (The Dryden Press 1971)


423208 Economometrics I

**Prerequisites**

Economic Statistics II or Statistical Analysis

**Hours**

Two 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 is recommended for students attempting this course. The course is concerned with examining the usefulness of single equation regression analysis in applied economic research and also with providing an introduction to simultaneous estimation procedures.

**Texts**


**References**

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

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

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

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

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

Koutsoyiannis, A. *Theory of Econometrics* (Macmillan)

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

423204 Mathematical Economics

**Prerequisites**

Macroeconomics

**Advisory Prerequisite**

Second Level Short Course Mathematics or its equivalent

**Hours**

Two lecture hours per week

**Examination**

One 3-hour paper

**Content**

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

**Texts**


423205 Computer Applications and Systems

**Prerequisites**
Macroeconomics

**Hours**
Two lecture hours per week

**Examination**
Progressive assessment and two 2-hour papers

**Content**
This course consists of two distinct sections:
I. Basic introduction to data processing concepts: discusses the hardware, software and general systems design implications of each of five common data processing systems — (1) Unit Record, (2) Punch Card Computer, (3) Magnetic Tape Computer, (4) Random Access Computer, (5) Real Time Computer. (No programming instruction is involved.)

II. Econometric applications of computers in the areas of regression analysis, linear programming, network analysis, simulation modelling, time series analysis. The approach is descriptive emphasising the types of problems to which each method is generally applied, the definitions and assumptions underlying the method and the general computer procedures necessary. (No mathematical experience or exposition is required.)

**Text**
Theil, Boot & Kloek

**Operations Research and Quantitative Economics**

**References**

**Section I**
Awad, E.

**Business Data Processing** (Prentice-Hall)

Chandor, Graham & Williamson

**Practical Systems Analysis** (Hart-Davis)

Dippel & House

**Information Systems** (Scott Foresman)

Sanders, D.

**Computers in Business** (McGraw-Hill)

**Section II**
Baumol

**Economic Theory and Operations Analysis** (Prentice-Hall)

Forrester

**Industrial Dynamics** (Wiley)

Lange, O:

**Introduction to Econometrics** (Pergamon)

Stilian, et al.

**PERT** (A.M.A.)

Tintner, G.

**Econometrics** (Wiley)

423206 Labour Relations

**Prerequisites**
Labour Economics

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

**Examination**
Assessment in this subject will be based upon seminar work (devoted to comparative industrial relations and current Australian problems), a research assignment and one 3-hour paper.
Attention is first given to some theoretical attempts to explain particular facets of industrial and labour relations behaviour. Here, emphasis is directed to 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.

Next, the Australian system of industrial relations is discussed in terms of the development, organisation, behaviour and interaction of the actors involved, especially unions, employers’ associations, and tribunals. Then, building on knowledge of the Australian system, the final section of the course turns to an examination of the nature of industrial conflict, workers’ participation in management and white collar unions.

Seminars in this subject constitute a separate and distinct programme of study.

Preliminary Reading

**Texts**

- **Chamberlain, N. W. & Kuhn, J. W.** *Collective Bargaining* 2nd edn (McGraw-Hill 1965)
- **Hyman, R.** *Strikes* (Fontana-Collins 1972)
- **Matthews, P. W. D. & Ford, G. W. (eds)** *Australian Trade Unions* (Sun Books 1968)
- **Sturmthal, A.** *Comparative Labor Movements: Ideological Roots and Institutional Development* (Belmont, Calif., Wadsworth 1972)

**References**

- **Child, J.** *Unionism and the Labor Movement* (Macmillan 1971)
- **Clarke, R. O., Fatchett, D. J. & Roberts, B. C.** *Workers’ Participation in Management in Britain* (London, Heinemann 1972)
- **Dunlop, J. T.** *Industrial Relations Systems* (Southern Illinois University Press 1971)
- **Fox, A.** *A Sociology of Work in Industry* (London, Collier Macmillan 1971)
- **Howard, W. & Riach, P.** *Productivity Agreements and Australian Wage Determination* (Wiley 1973)
Examination
One 3-hour paper

Content
This course is basically a continuation of Econometrics I, with its prime interest being on the problems involved in econometric model building and simultaneous estimation. An introduction is also given to Spectral Analysis and Bayesian Estimation Techniques. Each student enrolling will be expected to complete a piece of applied econometric research.

References
Brown, T. M. Specification and Use of Econometric Models (Macmillan)
Bridge, J. L. Applied Econometrics (North-Holland 1971)
Christ, C. F. Econometric Models and Methods (John Wiley & Sons)
Dhrymes, P. Econometrics, Statistical Foundations and Applications (Harper & Row)
Fishman, G. S. Spectral Methods in Econometrics (Harvard University Press)
Klein, L. R., Evans, M. K. & Harley, M. Econometric Gaming (Macmillan)
Malinvaud, E. Statistical Methods of Econometrics (North-Holland Publishing Co.)
Theil, H. Principles of Econometrics (North-Holland Publishing Co.)

424107 Economic Development

Prerequisites
Requirements for Honours degree

Hours
Two lecture hours per week

Examination
Progressive assessment and one 3-hour paper

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

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

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

Text

References
Bauer, P. T. & Yamey, B. S. The Economics of Underdeveloped Countries (Cambridge University Press 1973)
Enke, S. Economics for Development (Dobson Books 1972)
Hagen, E. E. The Economics of Development (Irwin 1968)
Higgins, B. Economic Development 2nd edn (1968)
Kindleberger, C. Economic Development (McGraw-Hill 1965)
Myint, H. The Economics of Developing Countries 3rd edn (Hutchinson & Co. 1967)
Theberge, J. (ed.) The Economics of Trade and Development (Wiley 1968)

424106 Economic Planning

Prerequisites
Requirements for Honours degree

Hours
Two lecture hours per week

Examination
One 3-hour paper

Content
This course concerns itself with 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. The first half of the course deals with the logic, properties and operational aspects of planned systems in command economies as well as mixed economic systems, followed by a brief digression into some technical aspects of planning, e.g., input-output systems, shadow pricing and linear programming. This is followed by 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 Publishing Co. 1968)

424108 History of Modern Economic Thought

Prerequisites Requirements for Honours degree
Hours Two 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.

This course offers a perspective based on consideration of economic thought in the decades immediately preceding "the Keynesian revolution", the popularisation of econometrics and other notable developments. The period dealt with ranges from 1890 to the mid 1930's. Special attention is paid to British economic thought from Alfred Marshall to John Maynard Keynes and to American economic thought from John Bates Clark to Wesley C. Mitchell. Leading Continental contributions are also considered.

Texts

Napoleoni, Claudio Economic Thought of the Twentieth Century (Martin Robertson 1972)

References

Blaug, M. Economic Theory in Retrospect (Heinemann)
Schumpeter, J. A. Ten Great Economists (Oxford University Press 1951)
Seligman, Ben B. Main Currents in Modern Economics (The Free Press 1962)
Shackle, G. L. S. The Years of High Theory (Cambridge University Press 1967)
Stigler, G. J. Production and Distribution Theories (Macmillan 1941)

424114 Macroeconomic Theory

Prerequisites Requirements for Honours degree
Hours Two lecture hours per week
Examination One 3-hour paper

Content

The course starts with the study of 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. It proceeds to the analysis of dynamic problems of business cycles and economic growth. The last part of the course deals with the theory of economic policy. Special considerations are given to the problems of stagflation and economic growth.

References

Baird, C. W. *Macroeconomics: An Integration of Monetary, Search and Income Theories* (Science Research Associates)


Hagger, A. J. *Price Stability, Growth and Balance* (Cheshire 1968)


Johnson, H. G. *Macroeconomics and Monetary Theory* (Gray Mills)

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


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


Smith, W. L. & Teigen, R. (eds) *Readings in Money, National Income and Stabilization Policy* (Irwin)

**424103 Microeconomic Theory**

**Prerequisites**
Requirements for Honours degree

**Hours**
Two lecture hours per week

**Examination**
One 3-hour paper

**Content**
Microeconomic theory is developed in this course with policy applications in mind. Topics include: recent advances in demand and production theory, equilibrium theories of markets and the correspondence principle, Pareto optimality, market failure including decreasing costs, uncertainty, second-best solutions, recent developments in oligopoly theory, an examination of variations in the quality of products and in product differentiation with market structure, 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**

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

- Becker, G. *Economic Theory* (Knopf 1971)
- Brems, H. *Quantitative Economic Theory* (John Wiley & Sons Inc. 1968)

**424109 Regional Economics**

**Prerequisites**
Requirements for Honours degree

**Hours**
Two lecture hours per week

**Examination**
Progressive assessment plus one 2-hour paper

**Content**
This course concerns itself with the application of economic analysis to the economic activity and problems of sub-national areas, defined by homogeneity, nodality or programming criteria. Topics covered 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


Dean, R. D. et al. (eds) *Spatial Economic Theory* (Free Press 1970)

Isard, W. *Methods of Regional Analysis* (M.I.T. Press 1960)


Nourse, H. O. *Regional Economics* (McGraw-Hill 1968)


Stilwell, F. J. B. *Australian Urban and Regional Development* (Australian and New Zealand Book Co. 1974)

424112 Transport Economics

**Prerequisites** Requirements for Honours degree

**Hours** Two lecture hours per week

**Examination** One 3-hour paper

**Content**

The course provides 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 enrolled in the course. The course combines a study of the relevant economic and quantitative techniques with appropriate insights into necessary institutional and historical questions.

Detailed reading lists are not issued until the lecturer in charge of the course has an opportunity to discuss with students where their particular interests lie.

**Preliminary Reading**


Robbins, M. *The Railway Age* (Penguin Books 1965)


424110 Urban Economics

**Prerequisites** Requirements for Honours degree

**Hours** 1½ lecture hours per week

**Examination** Progressive assessment

**Content**

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

**References**

Dickinson, R. E. *City and Region* (Routledge & Kegan Paul)

Edel & Rothenburg *Readings in Urban Economics* (Macmillan)

Fisher *The Metropolis in Modern Life* (Russell and Russell)

Hauser & Schnore *The Study of Urbanization* (John Wiley & Sons)

Hoover, E. *The Location of Economic Activities* (McGraw-Hill)

Isard, Walter *Location and Space Economy* (John Wiley & Sons)

Mayer & Kohn *Readings in Urban Geography* (University of Chicago Press)


424105 Welfare Economics

**Prerequisites** Requirements for Honours degree

**Hours** Two lecture hours per fortnight

**Examination** One 3-hour paper

**Content**

The overall purpose of this course is to develop an awareness of the limitations of basic economic theory in guiding policy which is aimed
at improving the economic welfare of society. It begins with a critical appraisal of welfare maximisation — both by the classical marginal approach as well as that of conflict theory. It then traces the development of criteria for welfare improvement and compensation tests, from Pareto and Pigou to the present. It concludes with an examination of the problems encountered in using known individual preferences to derive acceptable social choice rules. Throughout, the crucial roles of value judgments and interpersonal comparisons are stressed and illustrated.

References
Arrow, K. J. Social Choice and Individual Value (Wiley 1951)
Boulding, K. E. Conflict and Defence (Harper 1962)
Winch, D. M. Analytical Welfare Economics (Penguin 1972)

424113 Environmental Economics

Prerequisites Requirements for Honours degree
Hours 1 1/2 lecture hours per week
Examination One 2-hour paper

Content
In each year it is intended to offer a Special Topic which will be a half-year course. In 1976 the Special Topic will be Environmental Economics. 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
Ehrlich, P. R. & Anne H. Population, Resources and Environment (Freeman 1970)
Freeman III, A. M. et al. The Economics of Environmental Policy (Wiley 1970)
Mishan, E. J. The Costs of Economic Growth (Pelican 1967)
Weintraub, E. et al. The Economic Growth Controversy (1973)

DEPARTMENT OF LEGAL STUDIES

431100 Legal Studies I

Prerequisites Nil
Hours 3 hours including at least one tutorial, the remaining hours throughout the year varying between lectures and seminars

Examination
Continuous assessment during the year (whether with or without an end of year examination) in which students will be required to produce several assignments, some under examination conditions and some not.

Content
A. The nature and purpose of law; basic legal concepts; organisation of law; sources of law; the structure and workings of our courts, parliamentary systems, and the legislative process.
B. A study of the general principles of the law of contract.

Preliminary Reading
Baalman, J. Outline of Law in Australia (Law Book Co.)
Derham, D. D., Maher, R. K. & Waller, L. An Introduction to Law (Law Book Co.)
Graveson, R. H. Law: An Outline for the Intending Student (Routledge & Kegan Paul)
Sawer, G. The Australian and the Law (Pelican Original)
Shtein, B. J. L. & Lindgren, K. E. Introduction to Business Law (Law Book Co.)
Williams, G. L. Learning the Law (Stevens)
Students will be informed at the first class of any books which it is essential for them to possess. In addition, roneoed material will be made available by the Department of Legal Studies.

References

Campbell, E. & Whitmore, H. *Freedom in Australia* (Sydney University Press)


Lumb, D. *The Constitutions of the Australian States* (Queensland University Press)

Mayer, H. (ed.) *Australian Politics* (Cheshire)


Potter, H. *Historical Introduction to English Law* (Sweet & Maxwell)

Sawer, G. *Australian Government Today* (Melbourne University Press)

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

432100 Legal Studies II

Prerequisites Legal Studies I

Hours 2 lecture hours and one tutorial hour

Examination

Two papers. Students will be permitted to take copies of the Statutes referred to in the Reading Guide and lists of case names and references to be supplied during the course into the annual examination, provided the copies are not marked otherwise than by underlining.

Content

A. Law of Business Transactions

Elements of law relating to commerce with emphasis on the consumer: a further study of the law of contract with emphasis on special contracts of relevance to commerce, such as sale of goods and hire purchase; legal concepts (e.g. property, ownership, possession, trusts, agency); bailment; securities (e.g. mortgages, bills of sale, liens, etc.); statute and common law affecting the consumer; bankruptcy; executors and trustees.

B. Law of Business Organisations

Sole trader, partnership and company law.

Texts

Sim, R. S. & Mason, H. H. *Casebook on Australian Company Law* (Butterworths)

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

Statutes

*Bankruptcy Act, 1966* (Australian Government Printer)

*Companies Act, 1961* (N.S.W. Government Printer)

*Sale of Goods Act, 1923* (N.S.W. Government Printer)

References

Afterman, A. B. & Baxt, R. *Cases and Materials on Corporations and Associations* (Law Book Co.)


*Principles of Company Law* (Butterworths)

*Modern Company Law* (Stevens) with *Australian Supplement* by Kavass & Baxt (Law Book Co.)

*The Law of Sale of Goods in Australia and New Zealand* (Law Book Co.)

Statutes

*Bills of Sale Act, 1898* (N.S.W. Government Printer)

*Consumer Protection Act, 1969* (N.S.W. Government Printer)

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

*Minors (Property and Contracts) Act, 1970* (N.S.W. Government Printer)

*Partnership Act, 1892* (N.S.W. Government Printer)


*Trustee Act, 1925* (N.S.W. Government Printer)
433100 Legal Studies III

Prerequisites Legal Studies II

Hours 2 lecture hours and one tutorial hour

Examination
Students will be advised of the respective methods of examination for the three parts of the course by the lecturers responsible for those parts of the course. Generally however, there will be substantial reliance on through-the-year essays and assignments.

Content
The course is divided into three sections: a Term of Administrative Law; a Term of Trade Practices Law; and a Term of inter-disciplinary study of the Corporation in Australian Society including 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.

Texts
For the first two Terms' work, students should check the Legal Studies notice board just prior to the commencement of the Term in question in case legislative change or new publications have made changes in the prescription of texts for Administrative Law or Trade Practices Law desirable.

Benjafield, D. G. & Whitmore, H.
Lindgren, K. E., Mason, H. H. & Gordon, B. L. J. (eds)
Taperell, G. Q., Vermeesch, R. B. & Harland, D. J.

Commonwealth Administrative Review Committee Report, 1971 (Australian Government Printer)
Principles of Australian Administrative Law (Law Book Co.)
The Corporation and Australian Society (Law Book Co.)
Trade Practices and Consumer Protection (Sydney, Butterworths 1974)
Trade Practices Act, 1974

References
Brett, P. & Hogg, P. W.
Davis, K. & Blomstrom, R. L.
Friedmann, V.
Heyne, P. T.
Lindgren, K. E. & Aislabie, C. J. (eds)
McGuire, J. W.
Mason, E. S.

433200 Industrial Law

Prerequisites
Although Legal Studies I is not a mandatory prerequisite for Industrial Law, it is desirable that students taking the subject should have completed such a “legal system” course. Alternatively, they should be prepared to undertake intensive preliminary reading (see the “Suggested Preliminary Reading” for Legal Studies I).

Hours 2 lecture hours and one tutorial hour

Examination
Two papers. Students will be permitted to take into the examination copies of Statutes as advised and lists of case names and references to be supplied during the course, provided the copies are not marked otherwise than by underlining.

Content
A study of industrial law divided into two broad parts: a study of the law affecting the individual employer and employee; and a study of the law affecting employer- and employee-groups. The first part includes analysis and description of the master-servant relationship at common law; duration, termination and terms of the contract of service; remedies for breach by either party of the contract of service; promises
in restraint of trade; the doctrine of vicarious liability; the employer's duty of care at common law; the employer's statutory duties; the employer's defences to an employee's action for damages; workers' compensation. The second part includes an examination of the constitutional background of industrial legislation; the legal framework of the Federal and State systems of conciliation and arbitration; strikes and lockouts; special "industrial torts"; enforcement and penal provisions; standard working hours and leave with pay; wage fixation; legal status of industrial organisations.

Suggested Preliminary Reading

Sykes, E. I. The Employer, the Employee and the Law 3rd edn (Law Book Co.)

Texts

Glasbeek, H. J. & Eggleston, E. M. Cases and Materials on Industrial Law in Australia (Butterworths)

Sykes, E. I. & Glasbeek, H. J. Labour Law in Australia (Butterworths)

STATUTES

- Annual Holidays Act, 1944 (N.S.W. Government Printer)
- Conciliation and Arbitration Act, 1904 (Australian Government Printer)
- Industrial Arbitration Act, 1940 (N.S.W. Government Printer)
- Long Service Leave Act, 1955 (N.S.W. Government Printer)
- Workers' Compensation Act, 1926 (N.S.W. Government Printer)
- Commonwealth of Australia Constitution Act, 1900 (U.K.) (Australian Government Printer)

References

Boulter, N. Workers' Compensation Law and Practice in N.S.W. (Law Book Co.)

Cullen, C. L. & Macken, J. J. An Outline of Industrial Law (Law Book Co.)

Foenander, O. de R. Australian Industrial Regulations (Law Book Co.)

Foenander, O. de R. Industrial Conciliation and Arbitration in Australia (Law Book Co.)

Foenander, O. de R. Recent Developments in Australian Industrial Regulation (Law Book Co.)

Foenander, O. de R. Trade Unionism in Australia (Law Book Co.)

Hepple, B. A. & O'Higgins, P. Individual Employment Law (Sweet & Maxwell)

Macken, J. J. Australian Industrial Law — the Constitutional Basis (Law Book Co.)

Mills, C. P. Federal Industrial Laws (Butterworths)

Mills, C. P. New South Wales Industrial Laws (Butterworths)

Mills, C. P. Workers' Compensation in New South Wales (Butterworths)

O'Dea, R. Industrial Relations in Australia (West Publishing Corp.)

Portus, J. H. Australian Compulsory Arbitration 1900–1970 (Law Book Co.)

Portus, J. H. The Development of Australian Trade Union Law (Melbourne University Press)

Shtein, B. J. L. & Lindgren, K. E. Introduction to Business Law (Law Book Co.)

Sykes, E. I. The Employer, The Employee and the Law (Law Book Co.)

Sykes, E. I. Strike Law in Australia (Law Book Co.)

STATUTES

- Apprentices Act, 1909 (N.S.W. Government Printer)
- Factories, Shops and Industries Act, 1962 (N.S.W. Government Printer)
- Scaffolding and Lifts Act, 1912 (N.S.W. Government Printer)

430101 Advanced Company Law

Prerequisites Legal Studies II

Hours 2 lecture (or seminar) hours per week

Examination Students will be assessed by way of a number of essay and problem type assignments throughout the year.
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 corporations 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, its management; insider trading; abuse of corporate opportunity; minority oppression.

Texts

Afterman, A. B.  
Company Directors and Controllers  
(Law Book Co.)

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

Gower, L. C. B.  
Modern Company Law (Stevens) with  
Australian Supplement by Kavass & Baxt

STATUTES

—  
Companies Act, 1961 (N.S.W. Government Printer)

—  
Securities Industry Act, 1970  
(N.S.W. Government Printer)

—  
Marketable Securities Act, 1970  
(N.S.W. Government Printer)

References

Afterman, A. B. &  
Baxt, R.  
Cases and Materials on Corporations and  
Associations (Butterworths)

C.C.H. Australia Limited  
Australian Corporate Affairs Reporter

Hahlo, H. R.  
A Casebook on Company Law (Sweet &  
Maxwell)

Lindon, J. B. (ed.)  
Buckley on the Companies Act (Butterworths)

Paterson, W. E. &  
Ednie, H. H.  
Australian Company Law Service  
(Butterworths)

Schmitthoff, C. M. &  
Thompson, J. H. (eds)  
Palmer's Company Law (Stevens)

Wallace, The Hon. G. &  
Young, J. Mcl.  
Australian Company Law and Practice  
(Law Book Co.)

430103  
Law of Stamp, Death, Gift and Estate Duties

Prerequisites  
Legal Studies II

Hours  
2 lecture (or seminar) hours per week

Examination

There will be no end-of-year examination. The examination will take the form of two substantial essays and three complex and difficult hypothetical cases.

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

Ford, H. A. J.  
Principles of the Law of Death Duty  
(Law Book Co.)

Hill, G. D.  
Stamp, Death, Estate and Gift Duties  
(Law Book Co.)

STATUTES

—  
Estate Duty Act, 1914 (Australian Government Printer)

—  
Estate Duty Assessment Act, 1914  
(Australian Government Printer)

—  
Gift Duty Act, 1941 (Australian Government Printer)

—  
Gift Duty Assessment Act, 1941  
(Australian Government Printer)

—  
Stamp Duties Act, 1920  
(N.S.W. Government Printer)

References

Adams, P. R.  
Australian Tax Planning (Butterworths)

Adamson, A. V.  
The Valuation of Company Shares and  
Businesses (Law Book Co.)

C.C.H. Australia Limited  
Australian Estate and Gift Duty Reporter

Vermeneesch, R. B. &  
Lindgren, K. E.  
Business Law of Australia (Butterworths)
MAJOR SUBJECTS FROM OTHER FACULTIES

Faculty of Arts

351100 Geography I

Prerequisites
Nil

Hours
Two hours lectures and three hours practical work per week. One hour tutorial every two weeks. Three days of field work during the year.

Examination
As prescribed by the Head of Department

Content
The lecture programme is divided into two strands: human and physical. The human geography strand is concerned with the development of an understanding of concepts basic to the study of human geography. These concepts are applied to selected aspects of cultural geography. The physical geography strand studies the world and its climatic variety. 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.

Texts
McCaskill, M. Patterns on the land, basic concepts in Geography (Melbourne, Longman 1973)
Strahler, A. N. Physical Geography 4th edn (N.Y., Wiley 1975)

References
Lists will be distributed to students at the commencement of the year, and at appropriate times thereafter.

371100 History I

Aspects of Modern European History

Prerequisites
Nil

Hours
Three hours per week, plus compulsory weekly tutorial

Examination
At the end of the year

Content
This course will treat in depth certain key aspects of modern European History. Each aspect will be studied as a separate unit. The emphasis throughout will be on issues and ideas and no attempt will be made to present a chronological narrative. In addition, students will be introduced to some of the problems and techniques of historical interpretation.

The subjects for study in 1976 will be:
(a) The Intellectual Tradition: Science and Society from Copernicus to Freud.
(b) Liberalism and Socialism.
(c) Nationalism and Fascism.
(d) The Search for International Order.

Required Reading
Marx, K. & Engels, F. The Communist Manifesto (Pelican edition)

Books Recommended
Carsten, F. L. The Rise of Fascism (London, Methuen 1967)
Curtiss, J. S. The Russian Revolution of 1917 (N.Y., Anvil 1957)
Northedge, F. S. & Grieve, M. J. A Hundred Years of International Relations (London, Duckworth 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
Three to four hours per week

Examination
See below
Content

Section 1: Introduction to Philosophy (Professor Ritchie, Dr Dockrill, Mr Sparkes)

Section 2: Logic and Options (see below)

Section 3: Seminars

Section 1: Introduction to Philosophy (1 hour weekly)

Content
This section is an introduction to Philosophy, and is divided into two parts. The first part is concerned with Plato's theory of political activity, morality, the nature of the soul and its immortality, and universals. The second part is concerned with Descartes' quest for infallible knowledge, his theory of innate ideas, and his attempt to prove the existence of God and the immaterial character of the soul. This section will continue throughout the year.

Texts
Descartes
- Philosophical Writings (Anscombe & Geach ed.) (Nelson)
- The Last Days of Socrates (Penguin)

Plato
- The Greek Philosophers (Macmillan)
- Socrates (C.U.P.)

Guthrie, W. K. C.
- The Greek Philosophers (Methuen)

Kenny, A.
- Descartes (Random House)

Taylor, A. E.
- Plato: the Man and his Work (Methuen)

Section 2: Logic and Options (2 hours weekly)

Content
First half year: Introduction to Logic (Dr Doniela)

This course assumes no prior acquaintance with logic and is intended to introduce students to a formal study of validity of arguments as encountered in philosophy and elsewhere. Among the topics studied will be truth and implication, the structure of propositions and arguments, class and logical relations.

Texts
There is no set text. Lecture notes with further references will be issued at the beginning of the course.

Examination
An examination will be conducted in second term — for those dissatisfied with their result, a further examination will be available in November.

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

Content
These will include —
(a) More advanced logic (Dr Lee)
(b) Scientific Method (Professor Ritchie)
(c) Introduction to Ethics (Dr Lee)
(d) Introduction to Political Philosophy (Mr Sparkes)

Special seminars of a more advanced kind than those of first term will be given.

Details of options will be provided during the first half year, and choice should be discussed with members of the Department.

Examination
One three-hour paper for two options

Section 3: Seminars (1 hour per fortnight)

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 Mathematics Department 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 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 IIB 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
PART I SUBJECT

661100 Mathematics I

Prerequisites Nil

Hours Four lecture hours and two tutorial hours per week for three terms

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 One lecture hour per week and one tutorial hour per fortnight

Content


Text Nil

References
Apostol, T. Calculus Vol. I 2nd edn (Ginn Blaisdell 1967)
Giles, J. R. Real Analysis — An Introductory Course (Wiley 1973)
Spivak, M. Calculus (W. A. Benjamin Inc. 1967)

Topic AL — Algebra

Prerequisites Nil

Hours One lecture hour per week and one tutorial hour per fortnight

Content

Introduction to basic algebraic objects and ideas. Matrices, permutations, complex numbers. Linear Algebra: vector spaces, 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. Mary Linear Algebra (Nelson 1973)

Topic CA — Calculus

Prerequisites Nil

Hours One lecture hour per week and one tutorial hour per fortnight

Content

### Topic NM — Numerical Mathematics

**Texts**

- Blatt, J. M. *Basic Fortran IV Programming; Version MIDITRAN* (Computer Systems of Australia Pty Ltd 1969)
- Wilkes, M. V. *A Short Introduction to Numerical Analysis* (Cambridge University Press 1971)

**References**


**Prerequisites**

Nil

**Hours**

One lecture hour per week and one 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.

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**List of Topics for Part II Mathematics**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Corequisite or Prerequisite Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Mathematical Models</td>
<td>C</td>
</tr>
<tr>
<td>B Complex Analysis</td>
<td>C</td>
</tr>
<tr>
<td>C Calculus and Vector Calculus</td>
<td>—</td>
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<tr>
<td>D Linear Algebra</td>
<td>—</td>
</tr>
<tr>
<td>E Differential Equations and Integral Transforms</td>
<td>C</td>
</tr>
<tr>
<td>F Numerical Analysis and Computing</td>
<td>—</td>
</tr>
<tr>
<td>G Fourier series, Partial Differential Equations and Special Functions</td>
<td>C</td>
</tr>
<tr>
<td>H Probability and Statistics</td>
<td>C</td>
</tr>
<tr>
<td>I Topic in Statistics e.g. Applications of Statistics</td>
<td>H</td>
</tr>
<tr>
<td>J Topic in Applied Mathematics e.g. Mechanics</td>
<td>C, E</td>
</tr>
<tr>
<td>K Topic in Pure Mathematics e.g. Group Theory</td>
<td>—</td>
</tr>
<tr>
<td>L Analysis of Metric Spaces</td>
<td>—</td>
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</tbody>
</table>

The selection rules and definitions of the Part II subjects follow.

**662100 Mathematics IIA**

**Prerequisite**

Mathematics I

**Hours**

Four lecture hours and two tutorial hours per week for three terms

**Examination**

Each topic is examined separately
Content
Topics B, C, D, and E. In exceptional circumstances and with the consent of the Head of Department, one topic from A, F, G, or H may be substituted for B. Additional substitutions may be allowed in the case of candidates who have passed the subject Mathematics IIB.

662200 Mathematics IIB

Prerequisite
Mathematics I

Hours
Four lecture hours and two tutorial hours per week for three terms

Examination
Each topic is examined separately

Content
Four topics chosen from A to H and approved by the Head of the Department. In exceptional circumstances, and with the consent of the Head of the Department one or more of the topics I, J, K or L may be included. Students in the Faculty of Mathematics may, with the consent of the Dean, take Mathematics IIB in two parts, each part consisting of two topics.

662300 Mathematics IIC

Prerequisite
Mathematics I

Prerequisite or Corequisite
Mathematics IIA

Hours
Four lecture hours and two tutorial hours per week for three terms

Examination
Each topic is examined separately

Content
Either topics G, J, K and L or topics H, I, K and L. Subject to the consent of the Head of the Department one topic from A to J may be substituted for one of the topics I or J.

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

5. Students who passed a Part II Mathematics subject prior to 1974 and who wish to take further Part II Mathematics subjects should note that the topic coded “L” in 1974, 1975 and 1976 corresponds to the topic coded “A” in previous years. Such students may require special permission for their selection of Part II topics, and should consult with the Head of the Department.

6. 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 to the Faculty Handbooks.
(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.

Faculty of Science

751100 Psychology I

Prerequisites
Nil

Hours
Three lecture hours, one one-hour practical session and one one-hour tutorial per week

Examination
One three-hour paper plus an assessment of the practical work carried out during the year

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

Texts
OR
OR

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