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FACULTY OF COMMERCE

1972 HANDBOOK



THE UNIVERSITY OF NEW SOUTH WALES

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FACULTY OF COMMERCE
1972 HANDBOOK
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THE UNIVERSITY OF NEW SOUTH WALES

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School of Sociology	
School of Political Science	
School of History and Philosophy of Science	
Department of General Studies	

STUDENT'S TIMETABLE

A MESSAGE FROM THE DEAN

During 1971 the University Council authorized changes in the structure of the Faculty of Commerce. As a result, there are now four schools. Three of these, Accountancy (incorporating the Department of Finance), Economics and Marketing, provide a variety of major sequences for the Bachelor of Commerce pass and honours degrees and for the Master of Commerce by formal course work, and the Master of Commerce and Doctor of Philosophy by research. All three Schools also contribute significantly to the teaching programmes and research of the fourth School, the Graduate School of Business. This School includes the Departments of Organisational Behaviour and Behavioural Science, as well as specialist staff in other fields.

Since 1969 admission to all courses in the Faculty has been subject to strict quotas, but improvement in average standards of entry together with continuing development of teaching methods should ensure stability or modest growth in the output of graduates. A significant change in composition of the student enrolment is the substantial rise in the proportion of full-time to part-time students. This reflects a marked swing in the preferences of the better qualified school leavers seeking a degree in commerce. At the graduate level it also follows the introduction of Commonwealth Postgraduate Course Awards.

Among teaching innovations are an experimental programme for teaching Economics III, supported by the Australian Vice-Chancellors Committee, the introduction of an accounting and information systems laboratory, required courses in computer basics and programming, wider use of case methods and fieldwork in business and other organizations. The Faculty is hopeful of access to extended computer facilities in the foreseeable future.

Continued expansion of graduate enrolments for the Master of Commerce, Master of Business Administration and Diploma in Administration, and the rising number of honours graduates indicate the increasingly important role of the Faculty in meeting the needs of the community.

A. S. CARRINGTON,
Dean.

CALENDAR OF DATES FOR 1972

Session 1:

March 6 to May 13
May Recess May 14 to May 21
May 22 to June 17
Midyear Recess June 18 to July 23

Session 2:

July 24 to August 12
August Recess August 13 to August 27
August 28 to November 11

January—

Friday 21 Last day for acceptance of applications to enrol by new students and students repeating first year.
Monday 31 Australia Day—Public Holiday.

February—

Tuesday 1 to
Saturday 12 Deferred examinations.
Monday 21 Enrolment period begins for new students and students repeating first year.
Monday 28 Enrolment Week commences for students re-enrolling (second and later years).

March—

Monday 6 Session 1 commences.
Friday 17 Last day of enrolment for new students (late fee payable).
Thursday 30 Last day for later year enrolments (late fee payable).
Friday 31 to
Monday 3 April Easter.

April—

Tuesday 25 Anzac Day—Public Holiday.

May—

Sunday 14 to
Sunday 21 May Recess.

June—

Monday 12 Queen's Birthday—Public Holiday.
Saturday 17 Session 1 ends.
Tuesday 20 Midyear examinations begin.
Friday 30 Last day for acceptance of applications for re-admission after exclusion under rules governing re-enrolment.

July—

Saturday 1	Midyear examinations end.
Monday 24	Session 2 commences.
Thursday 27	Foundation Day.

August—

Sunday 13 to	
Sunday 27	August Recess.

September—

Friday 15	Last day for acceptance of corrected enrolment details forms.
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October—

Monday 2	Eight Hour Day—Public Holiday.
Friday 6	Last day for acceptance of corrected enrolment details forms (late fee payable).

November—

Saturday 11	Session 2 ends.
Tuesday 14	Examinations begin.

1973

Session 1:

March 5 to May 12
 May Recess May 13 to May 20
 May 21 to June 16
 Midyear Recess June 17 to July 22

Session 2:

July 23 to August 11
 August Recess August 12 to August 26
 August 27 to November 10

January—

Tuesday 30 to	
Saturday 10 Feb.	Deferred examinations.

February—

Monday 19	Enrolment Week commences for new students and students repeating first year.
Monday 26	Enrolment Week commences for students re-enrolling (second and later years).

THE ACADEMIC YEAR

The academic year is divided into two sessions, each containing 14 weeks for teaching. There is a recess of five weeks between the two sessions. In addition there are short recesses within the sessions—one week within Session 1 and two weeks within Session 2.

The first session commences on the first Monday of March.

FACULTY OF COMMERCE STAFF

Dean

Professor A. S. Carrington

Chairman

Professor J. W. Nevile

Administrative Assistant

Miss E. Hing, BEc Syd.

SCHOOL OF ACCOUNTANCY

Professor of Accountancy and Head of School

A. S. Carrington, MCom N.Z., FASA, FCA(NZ), CMANZ, FCIS, FIANZ

Professor of Accountancy

R. Ma, BCom Lond., MBA Br.Col., AACCA, AASA

Professor of Finance and Head of Department of Finance

R. C. Olsson, BEc Syd., MBA PhD N.Y., FASA

Professor of Accountancy

Vacant

Associate Professor of Accountancy

W. J. McK. Stewart, BA BCom Melb., FASA

Senior Lecturer and Executive Assistant to Head of School

G. Howitt, BEc Syd., MCom N.S.W., ASTC, AASA (Senior), ACIS

Financial Accounting and Legal Studies

Senior Lecturers

A. W. Lacey, LLB Syd., PhD Lond., MBSC

L. N. Lee, BA BCom Qld., AAUQ, AASA, ACIS

L. A. McPherson, AASA, ACIS

Lecturers

M. E. Aiken, BCom N.S.W., MEc Syd., AASA (Senior), ACIS

H. L. Ffrench, LLB Syd., BA N.E.

C. T. Honnor, BA LLM Syd.

T. J. McCarthy, BCom N.S.W., LLB Syd., AASA, ACIS

D. A. McDonell, BCom N.S.W., ACA

M. C. Miller, BCom N.S.W., ACA, ACIS

R. Vermeesch, LLB Syd.

Teaching Fellow

Mrs. Chloris Latham, LLB Tas.

First Year and Service Courses

Senior Lecturer

A. A. Forster, BEc Syd., FASA, FCA, FCIS

Lecturer

A. J. Pekin, BCom Melb., MA(HospAdmin) Iowa, AHA

Senior Tutor

Mrs. Nina Kingston, BCom N.S.W., DipCom Syd., AASA

Tutors

N. A. Cotman, BEc Syd.

J. C. K. Lee, BCom N.S.W., AASA(Prov.)

T. P. McKaskill, BEc Monash

Mrs. Thuy Mellor, BCom Qld.

Management Accounting and Information Systems.

Associate Professor

W. L. Burke, BA BEc Syd., FASA, ACIS

Senior Lecturers

R. G. Dryen, BA N.S.W., FASA

P. J. Grouse, MSc Syd., BD Lond., ThL

J. H. McClelland, BSc MAgrSc Melb.

Lecturers

G. N. Bowles, BEc Syd., AASA (Senior)

L. E. Case, BSc Ill., MBA Penn.

C. G. Falt, BCom DipEd Qld.

K. E. Osborne, MCom N.S.W., AASA (Senior)

Senior Tutor

H. A. Chipperfield, BEc Syd.

Teaching Fellow

P. B. Colbert, BCom MEconSc N.U.I.

Department of Finance

Lecturers

V. M. Levy, BEc Syd., AASA, ACIS

P. A. J. Truda, BEc Syd., ACA

SCHOOL OF ECONOMICS

Professor of Economics and Head of School

J. W. Nevile, BA W.Aust., MA PhD Calif.

Research Professor of Economics

M. C. Kemp, BCom MA Melb., PhD Johns H.

Professor of Economics

Vacant

Professor of Economic History

W. G. Rimmer, MA PhD *Camb.*, AM *Harv.*, FRHistS

Professor of Statistics

N. C. Kakwani, MA PhD *Delhi*

Administrative Assistant

Josephine M. Edwards, BA *N.S.W.*

Department of Economics

Associate Professors

N. Runcie, BEc *Syd.*, PhD *Lond.*

D. J. Stalley, MEc *Adel.*, MBA *Col.*, AUA

Senior Lecturers

D. J. Blake, BS *Harv.*, MA *Missouri*, PhD *Calif.*

R. V. Horn, MEc *Syd.*, DrRerPol *Cologne*

G. D. McColl, MSc(Econ) *Lond.*, AASA (Senior)

K. D. Rivett, MA PhD *Melb.*

Lecturers

P. Calvo, MSc(Econ) PhD *Lond.*

R. Fisher, MCom *N.S.W.*

I. Gordijew, BEc *Syd.*

W. E. Hotchkiss, MEc *Syd.*, MCIT

C. W. Junor, BCom *N.S.W.*

Senior Tutors

Mrs. Rita Hardie, BEc *Syd.*

I. Iredale, BCom *N.S.W.*

B. B. Rao, BA *And.*, MA *Ban.*, BSc(Econ) *Lond.*

Tutors

D. R. Arrowsmith, BA *Melb.*

L. M. Dwyer, BCom *N.S.W.*

Mrs. Diane Enahoro, BCom *N.S.W.*, Dip Ed *Syd.*

P. J. Forward, BCom DipEd *N.S.W.*

A. M. Kearns, BCom *N.S.W.*

A. C. K. Lo, BA *Melb.*

Paula R. Nakutis, BA DipEd *N.S.W.*

Teaching Fellow

Myrtle Isaac, BCom *N.S.W.*

Department of Econometrics

Senior Lecturer

Vacant

Lecturers

W. R. Hughes, MCom *Auck.*, DBA *Indiana*
N. Podder, MA *Calc.*, PhD *N.S.W.*
E. R. Sowe, BEc *Syd.*, BSc *N.S.W.*, MSc *Lond.*
J. A. Zerby, MA *Penn State & Vanderbilt*

Tutors

J. L. Knight, BCom *N.S.W.*
R. D. Milbourne, BCom *N.S.W.*

Teaching Fellows

Mrs. Lucy Ghosh, BSc *N.E.H. Rotterdam*
Mrs. Catherine A. Mason, BA *N.S.W.*

Department of Economic History

Senior Lecturer

S. Ambirajan, MA *And.*, PhD *And. & Manc.*

Lecturers

D. L. Clark, BEc *Syd.*
J. A. Perkins, BSc(Econ) *Hull*

Tutor

M. J. Thompson, BEc *Q'ld.*

Department of Industrial Relations

Senior Lecturers

G. W. Ford, BA DipEd *Syd.*, MA(Econ) *Calif.*
F. S. Stevens, BEc *Syd.*, MA *Stan.*

SCHOOL OF MARKETING

Professor of Marketing and Head of School

R. A. Layton, MEc *Syd.*

Senior Lecturer

R. Fayed, MSc PhD *Manc.*

Lecturers

S. A. Glaser, BA *Syd.*
G. Holmes, MA *Lanc.*
R. M. March, BA *Syd.*, MA *NSW.*
R. C. O'Leary, BE *Syd.*, MA *Lanc.*

Tutors

R. C. Cameron, BCom *N.S.W.*
M. Sutherland, BCom *N.S.W.*

SCHOOL OF APPLIED PSYCHOLOGY*

Professor of Applied Psychology and Head of School

S. H. Lovibond, BA Melb., MA PhD DipSocSc Adel.

Professor of Applied Psychology

A. G. Hammer, MA Syd.

THE GRADUATE SCHOOL OF BUSINESS

*Chairman*Professor A. S. Carrington, MCom N.Z., FASA, FCA(NZ), CMANZ,
FCIS, FIANZ*Members*

Professor D. C. Dunphy, BA MEd DipEd Syd., PhD Harv.

Professor R. A. Layton, MEc Syd.

Professor J. W. Nevile, BA W.Aust., MA PhD Calif.

Professor R. C. Olsson, BEc Syd., MBA PhD N.Y., FASA

Professor N. R. Wills, BEc MSc Syd., FRGS(Lond.)

Lecturers (Business Administration)

K. H. F. Fargher, ED BSc BEd Melb., MBA N.S.W.

G. M. Folie, BE Melb., PhD S'ton., DIC, MIEAust

Senior Administrative Officer

A. M. McNamara, BA Syd.

Department of Behavioural Science

Professor of Business Administration and Head of Department

D. C. Dunphy, BA MEd DipEd Syd., PhD Harv.

Senior Lecturers

W. A. H. Jarvis, BA DipEd Syd., BEd Melb.

B. R. Maley, BA Syd., MA A.N.U.

Department of Organizational Behaviour

Professor of Business Administration and Head of Department

N. R. Wills, BEc MSc Syd., FRGS(Lond.)

Lecturers

J. W. Hunt, BA DipEd Syd., MBA PhD N.S.W.

D. Lewis, BE Qld., MBA N.S.W.

* The names of other members of the staff of this School are listed in the University Calendar.

REQUIREMENTS FOR ADMISSION

A **person** who seeks to become a candidate for any degree of Bachelor of the University must first have qualified for matriculation and have satisfied the requirements for admission to the particular Faculty, course or subject chosen.

In addition to complying with these conditions candidates must be selected before being permitted to enrol in a course. In 1972 it will be necessary for the University to limit the number of students enrolling in all undergraduate courses.

A candidate who has satisfied the conditions for matriculation and for admission to a course of study shall be classed as a "matriculated student" of the University, after enrolment.

SECTION A

GENERAL MATRICULATION AND ADMISSION REQUIREMENTS

1. A candidate may qualify for matriculation by attaining in recognized matriculation subjects at one New South Wales Higher School Certificate Examination or at one University of Sydney Matriculation Examination a level of performance determined by the Professorial Board from time to time.
2. The level of performance required to qualify for matriculation shall be
 - (a) passes in at least five recognized matriculation subjects, one of which shall be English and three of which shall be at Level 2 or higher;
 - and
 - (b) the attainment of an aggregate of marks, as specified by the Professorial Board, in not more than five recognized matriculation subjects, such marks being co-ordinated in a manner approved by the Board.

3. The following subjects, and such other subjects as may be approved by the Professorial Board from time to time, shall be recognized matriculation subjects:—

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

4. A candidate who has qualified to matriculate in accordance with the provisions of Clauses 1, 2 and 3 may be admitted to a particular Faculty, Course or Subject provided that:—

- (a) his qualification includes a pass at the level indicated in the subject or subjects specified in Schedule A as Faculty, Course or Subject Prerequisites;

or

- (b) the requirements regarding these particular Faculty, Course or Subject Prerequisites, as specified in Schedule A, have been met at a separate Higher School Certificate or University of Sydney Matriculation Examination.

5. Notwithstanding any of the provisions of Clauses 1 to 4, the Professorial Board may grant matriculation status to any candidate at the Higher School Certificate or University of Sydney Matriculation Examination who has reached an acceptable standard and may admit him to any Faculty, Course or Subject.

NOTE:

1. For the purposes of clause 2(a), Mathematics and Science BOTH PASSED at First Level or Second Level Full Course shall together count as three subjects.
2. For the purposes of clause 2(b), Mathematics and Science TAKEN either singly or together at First Level or Second Level Full Course shall each count as one and one-half subjects.

Schedule A

FACULTY OR COURSE	FACULTY OR COURSE PRE-REQUISITES
Applied Science (excl. Applied Geography and Wool and Pastoral Sciences courses) Biological Sciences Engineering Industrial Arts Course Medicine Military Studies (Engineering course and Applied Science course) Science Bachelor of Science (Education) Architecture Applied Geography and Wool and Pastoral Sciences courses (Faculty of Applied Science)	(a) Science at Level 2S or higher, AND (b) either Mathematics at Level 2F or higher, OR Mathematics at Level 2S, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the Professorial Board.
Arts Social Work Degree Course Commerce	English at Level 2 or higher. (a) Mathematics at Level 2S or higher, AND (b) either English at Level 2 or higher, OR English at Level 3, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the Professorial Board.
Law Combined Jurisprudence/Law. Combined Arts/Law Combined Commerce/Law Military Studies (Arts course)	Nil. Nil. As for Arts. As for Commerce. English at Level 2 or higher OR English at Level 3, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the Professorial Board, and provided that a candidate so qualified shall not enrol in a course of English Literature.
SUBJECT	SUBJECT PREREQUISITES
1.011—Higher Physics I 1.001—Physics I 1.041—Physics IC	As for Faculty of Science.
2.001—Chemistry I 17.001—General and Human Biology 25.001—Geology I 25.111—Geoscience I	Science at Level 2S or higher.
10.011—Higher Mathematics I 10.001—Mathematics I	Mathematics at Level 2F or higher. Either Mathematics at Level 2F or higher OR Mathematics at Level 2S, provided that the candidate's performance in the subject and his general level of attainment are at standards acceptable to the Professorial Board.
10.021—Mathematics IT 15.102—Economics II	Mathematics at Level 2S or higher. As for Faculty of Commerce.
50.111—English I 51.111—History IA 51.121—History IB 56.111—French I 59.111—Russian I 64.111—German I 65.111—Spanish I	English at Level 2 or higher. French at Level 2 or higher. Russian at Level 2 or higher. German at Level 2 or higher. Spanish at Level 2 or higher.
59.001—Russian IZ 64.001—German IZ 65.001—Spanish IZ	A foreign language, other than that in which enrolment is sought, at Level 2 or higher.

ADMISSIONS AND ENROLMENT PROCEDURE

ADMISSIONS PROCEDURE

Details of the procedure to be followed by students seeking entry to first year courses at the University may be obtained from the Admissions Office at this University or the Metropolitan Universities Admissions Centre.

Persons seeking entry to first year courses in one or more of the three Universities in the Sydney Metropolitan Area (Macquarie University, the University of New South Wales and the University of Sydney) are required to lodge a single application form with the Metropolitan Universities Admissions Centre, Third Floor, 13-15 Wentworth Avenue, Sydney (near Liverpool Street). Postal address: Box 7049, G.P.O., Sydney, 2001. Telephone: 26-6301. On the application form provision is made for applicants to indicate preferences for courses available in any of the three Universities. Students are notified individually of the result of their applications and provided with information regarding the procedures to be followed in accepting the offer of a place at this University and completing their enrolment at the Enrolment Bureau, Unisearch House, 221 Anzac Parade, Kensington.

ADMISSIONS OFFICE

The Admissions Office, which is located in the Chancellery on the upper campus, provides intending students (both local and overseas) with information regarding courses, admission requirements, scholarships and enrolment. Office hours are from 9.00 a.m. to 1.00 p.m. and 2.00 p.m. to 5.00 p.m. Monday to Friday. During the enrolment period an evening service is also provided. Applications for special admission, admission with advanced standing and from persons relying for admission on overseas qualifications should be lodged with the Admissions Office.

ENROLMENT PROCEDURE

In 1972 it will be necessary for the University to impose quotas in each Faculty and Board of Studies.

The enrolment procedure for the different classes of undergraduate student is as follows:

First Enrolments

(a) New South Wales residents already qualified for admission and persons who are applying for enrolment on the basis of qualifications gained or about to be gained outside New South Wales must lodge an application for enrolment with the Metropolitan Universities Admissions Centre, 13-15 Wentworth Avenue, Sydney (P.O. Box 7049 G.P.O., Sydney), by 29th October 1971.

(b) New South Wales residents qualifying for admission by the 1971 New South Wales Higher School Certificate Examination or the 1972 Sydney University Matriculation Examination and those who have attended a University in New South Wales in 1971 must apply for enrolment to the Metropolitan Universities Admissions Centre, 13-15 Wentworth Avenue, Sydney (P.O. Box 7049 G.P.O., Sydney), by 21st January 1972.

Completion of Enrolment

Students whose applications for enrolment are accepted will be required to complete their enrolment at a specified appointment time before the beginning of Session 1. The enrolment procedure is:

- (1) *Applicants must report to the Enrolment Bureau*, located in Unisearch House, on the western side of Anzac Parade, Kensington, at the appointment time.* Members of the academic staff will be available at this time to give further advice regarding the course should this be necessary. Students enrolling are required to bring with them a passport-sized photograph (no larger than 2" by 2½") with their name and address printed on the back.
- (2) *Applicants must then collect their enrolment form* and other enrolment material from the Enrolment Bureau counter, complete details, and present appropriate forms to the Cashier, together with the fees required. *Fees should be*

* Applicants who cannot keep their appointment should attend at the Enrolment Bureau on Thursday, 2nd March, between 10 a.m.-12 noon, 2 p.m.-5 p.m., and 6 p.m.-8 p.m. If they fail to keep the original appointment or fail to pay their fees, a class place may not be available. Students enrolling on this Thursday will be liable to pay a late fee of \$8.

paid on the same day as the appointment. Applicants should calculate from the table of fees below the amount they will be required to pay and should bring sufficient money or a cheque with them to cover this amount. Scholarship students, sponsored students, and other students not responsible for the payment of their own fees, must present to the Cashier with their enrolment form a written authority (scholarship voucher, letter from sponsoring company, etc.) to charge fees appropriately.

- (3) *Applicants will then collect their timetable* by presenting their fees receipt (registration card), school record card and photograph at the Enrolment Bureau. This timetable is an authority to attend classes and will not be issued until fees have been paid.

Final Dates for Completion of Enrolment. No enrolments will be accepted from new students after the end of the second week of Session 1 (17th March 1972) except with the express approval of the Registrar and the Head of the School concerned; no later year enrolments will be accepted after 31st March without the express approval of the Registrar which will be given in exceptional circumstances only.

Failure in First Year. First year students who failed more than half their programme at the 1971 Annual Examinations and who were not granted any deferred examinations will NOT follow the above procedure. They are required to "show cause" why they should be allowed to continue in the course, and should await instructions in writing from the Registrar as to the procedure.

Later Year Enrolments

All students enrolling other than for the first time and not included in any of the categories mentioned above should enrol through the Faculty. This enrolment must be effected before or during the week before the commencement of Session 1.

Each student must obtain from the Faculty Office the following: (1) His or her **personal** University Enrolment Form—UE3 forms for full-time students, UE4 forms for part-time students; (2) Proposed Programme Form—C22/72. Neither form should be completed until results of the 1971 annual examinations are known.

University Enrolment Form: Details already recorded on the personal enrolment form should be checked. If the information is

not correct, alterations should be made where necessary, **except** where a change from part to full-time or vice versa is involved. In this event, the student should destroy the personal form and complete the appropriate blank form, supplies of which are also available at the Faculty Office, Room 113, Commerce Building. All relevant details should then be completed.

Proposed Programme for 1972—Form C22/72: A number of course changes has been made and students should acquaint themselves with these by consulting this Handbook. In particular, students should note amendments to Rule 7.

The attention of students is directed to the important provisions of Rule 3 (prescribing maximum hours of class attendance), Rule 4 (concerning prerequisites) and Rule 6 (concerning the order in which subjects may be taken). Any application to vary these and other requirements must be made on the form T11—*Application for Course Variations*: This is available from the Faculty Administrative Assistant. This form may also be used for transfers of courses **within** the Faculty, admission to Honours, transfers from part to full time, etc.

Admission to Honours Courses requires the approval of the Head of School concerned (see Rule 10). Students who have good first year records should seek approval before submitting their proposed programme: they are invited to contact the Head of School after examination results are known.

Deferred Examinations: When a student has been granted any deferred examination(s), he should prepare his proposed programme on the assumption that he will pass the deferred examination(s). However, he should submit alternative programme(s) to be used by the Enrolling Officer in the event of failure in the deferred examination(s); in such cases only names and proposed programmes are required on the alternative **Proposed Programme** forms.

Thesis Requirements: Students required to submit a thesis as part of their course requirements should have their topics approved and supervisors allocated in accordance with the requirements of Rule 9 and with instructions issued by the Schools concerned. The thesis should be included in the student's programme for the appropriate year, with the proposed year of submission shown in brackets. Enrolling officers will include the thesis on the Enrolment Form

when it is intended to submit in the current year, but the responsibility for obtaining approval for the date of submission rests with the student.

Students who have completed the final examinations but have a thesis still outstanding are required to enrol for the period necessary to complete the thesis and to pay the requisite fees.

Students who are uncertain as to their standing in the course, or wish to clarify other matters, should contact the Faculty Administrative Assistant. In particular, students expecting to complete the course in 1972 should make a point of checking their programme with the Faculty Administrative Assistant to avoid the possibility of any omissions from the requirements.

A student who enrolls in a subject in contravention of Faculty rules or of this instruction without the written approval of the Dean may have his enrolment in that subject terminated.

A student who has been notified by the Registrar that he has been excluded under "show cause" regulations and who nevertheless contrives to enrol in a programme not expressly approved by the Head of School, may have his course suspended.

The enrolment form and completed form C22/72 must be returned to the Faculty Administrative Assistant (Miss E. Hing), Faculty of Commerce Office, by 21st January 1972. Forms received after this date may only be collected during the late enrolment period.

When a proposed programme is approved, no enrolment interview will be necessary and the student may collect his signed enrolment form from the Faculty Office on Wednesday 1st, Thursday 2nd, Friday 3rd March 1972, between the hours of 2 p.m. and 5 p.m., or 6 p.m. and 8 p.m. He may then complete enrolment by the payment of fees either during enrolment week or before the end of the second week of Session 1. Students who fail to attend at specified times during enrolment week will be required to attend at specified late enrolment periods, but students who complete their enrolment at such times will incur late fees.

If a student proposes a programme that is inconsistent with the Rules or is otherwise irregular, he may be called for interview.

Students who fail to lodge the enrolment form and form C22/72 by 21st January 1972, or who fail to keep an appointment for interview, must enrol at a late enrolment period and pay the prescribed late fee.

Note: First year students who failed more than half their programme at the 1971 Annual Examinations and who were not granted any deferred examinations will NOT follow the above procedure. They are required to "show cause" why they should be allowed to continue in the course, and should await written instructions from the Registrar as to the procedure.

Miscellaneous Subject Enrolments. Students may be accepted for enrolment in miscellaneous subjects provided the University considers that the subject(s) will be of benefit to the student and there is accommodation available.* Only in exceptional circumstances will subjects taken in this way count towards a degree or diploma. Students seeking to enrol in miscellaneous subjects should obtain a letter of approval from the Head of the appropriate School or his representative permitting them to enrol in the subject concerned. The letter should be given to the enrolling officer at the time of enrolment. Where a student is under exclusion he may not be enrolled in miscellaneous subjects unless given approval by the Professorial Board.

Master of Commerce. Candidates continuing formal postgraduate courses are required to obtain and complete the relevant forms which are obtainable from the Faculty of Commerce Office. These should be returned to the Faculty Office by 29th January 1972.

During enrolment week, on Wednesday 1st, Thursday 2nd or Friday 3rd March 1972, between the hours of 2 p.m.-5 p.m. or 6 p.m.-8 p.m., the candidate should collect his signed enrolment form from the Faculty Office. He may then complete enrolment by the payment of fees either during enrolment week or before the end of second week of Session 1.

University Union Card

All students other than miscellaneous students are issued with a University Union membership card. This card must be carried during attendance at the University and shown on request.

The number appearing on the front of the card above the student's name is the student registration number used in the University's records. This number should be quoted in all correspondence.

* Because admission to all courses in the Faculty is subject to strict quotas miscellaneous subject enrolment must be very limited in 1972.

The card must be presented when borrowing from the University libraries, when applying for travel concessions and when notifying a change of address. It must also be presented when paying fees on re-enrolment each year when it will be made valid for the year and returned. Failure to present the card could result in some inconvenience in completing re-enrolment.

A student who loses a Union card must notify the University Union as soon as possible.

New students will be issued with University Union cards at the University Union Enquiry Desk as soon as practicable after payment of fees. In the meantime, fees receipt form should be carried during attendance at the University and shown on request. A period of at least three weeks should be allowed to elapse after payment of fees before making application for the card. Cards will not be posted under any circumstances.

FEES*

UNDERGRADUATE FEES

Course Fees

Where course fees are assessed on the basis of session hours of attendance, as in the Faculty of Commerce, the hours for each subject for purposes of fee assessment shall be those prescribed in the Calendar, irrespective of any variation from the prescribed hours which may be necessary in conducting the subject. The granting of an exemption from portion of any of the requirements of a subject in which a student is enrolled does not carry with it any exemption from the payment of fees.

Students should refer to Rule 3, p. 73, concerning the maximum hours per week of lectures and tutorials for which full-time and part-time students respectively are permitted to enrol.

- (i) Full-time Course Fee—more than 11 hours attendance per week—\$192.50 per session.
- (ii) Part-time Course Fee—over four hours and up to 11 hours attendance per week—\$115.50 per session.
- (iii) Part-time Course Fee—four hours or less attendance per week—\$57.50 per session.
- (iv) Course Continuation Fee—A fee of \$33 per annum (no session payment) is payable by:

Category (a) students who have once been enrolled for a thesis and have only that requirement outstanding, *or*

Category (b) students given special permission to take annual examinations without attendance at the University. (Students in this category are not required to pay the subscriptions to the University Union, the Students' Union, the Sports Association and the Library fee.)

* Fees quoted in this schedule are current at the time of publication and may be amended by the Council without notice.

Other Fees

In addition to the course fees set out above all registered undergraduates will be required to pay—

Matriculation Fee—\$9—payable at the beginning of first year.

Library Fee—annual fee—\$16.

University Union—entrance fee†—\$20.

Student Activities Fees

University Union†—\$30—annual subscription.

Sports Association†—\$4—annual subscription.

Students' Union†—\$6—annual subscription.

Miscellaneous—\$17—annual fee.

Total—\$57.

Graduation or Diploma Fee—\$9—payable at the completion of the course.

Special Examination Fees

Deferred examination—\$7 for each subject.

Examinations conducted under special circumstances—\$9 for each subject.

Review of examination result—\$9 for each subject.

Late Fees

First Enrolments

Fees paid in the late enrolment period and before commencement of Session 1	\$8
Fees paid during the 1st and 2nd weeks of Session 1	\$16
Fees paid after the commencement of the 3rd week of Session 1 with the express approval of the Registrar and Head of the School concerned	\$33

Session 1—Re-enrolments

Failure to attend enrolment centre during enrolment week	\$8
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† Life members of these bodies are exempt from the appropriate fee or fees.

* Under review.

Fees paid after the commencement of the 3rd week of Session 1 to 31st March	\$16
Fees paid after 31st March where accepted with the express approval of the Registrar	\$33
<i>Session 2—All Enrolments</i>	
Fees paid in 3rd and 4th weeks of Session 2	\$16
Fees paid thereafter	\$33
Late lodgement of corrected enrolment details forms (late applications will be accepted for three weeks only after the prescribed dates)	\$7

POSTGRADUATE FEES

(a) Master of Business Administration

- (i) Registration Fee—\$7.
- (ii) Graduation Fee—\$9.
- (iii) Course Fee—calculated on the basis of a session's attendance at the rate of \$12.50 per hour per week. Thus the fee for a programme requiring an attendance of 24 hours per week for the session is $24 \times \$12.50 = \300 per session.
- (iv) Thesis or Project Fee—\$49 (an additional fee of \$33* is payable by students who have completed their final examinations for the degree but have not completed the thesis or project for which they have been previously enrolled).
- (v) Thesis or Project Resubmission Fee†—\$33.

Other Fees

As set out below.

Late Fees

As set out earlier under *Re-enrolments* in the section on "Late Fees".

(b) Master of Commerce (by research)

Fees are payable from the commencement date of a candidate's registration and remain payable until the candidate's thesis is presented to the Examinations Branch.

- (i) Qualifying Examination \$16.00

* Students paying this fee who are not in attendance at the University are not required to pay the Student Activities Fees.

† Candidates paying this fee are not required to pay the Student Activities Fees or the Library Fee.

(ii) Registration Fee	\$7.00
(iii) Internal full-time student annual fee	\$98.00
Internal full-time student session fee	\$49.00
(iv) Internal part-time student annual fee	\$49.00
Internal part-time student session fee	\$24.50
(v) External student annual fee†	\$33.00
(vi) Final Examination (including Graduation fee) ...	\$49.00
(vii) Thesis Resubmission Fee	\$49.00

(c) Master of Commerce (by formal course)

(i) Registration Fee	\$7
(ii) Course—Fee—per subject	\$49
(iii) Project Fee—(at the time of first enrolment in the the project)	\$33
(iv) Project Fee—(for each† subsequent enrolment in project)	\$33
(v) Graduation Fees	\$9
(vi) Project Resubmission Fee	\$33

Other Fees (M.B.A., and M.Com.)

In addition to the fees set out above, all students in the above categories are required to pay:—

Library Fee—annual fee—\$16.

University Union—entrance fee‡—\$20.

Student Activities Fees

University Union‡*—\$30—annual subscription.

Sports Association‡—\$4—annual subscription.

Students' Union‡—\$6—annual subscription.

Miscellaneous—\$17—annual fee.

Total—\$57.

Late Fees (M.Com. only)

Initial Registration

Fees paid from commencement of sixth week after date of

† Students in this category are not required to pay the Student Activities Fees, the University Union Entrance Fee, or the Library Fee.

‡ Life members of these bodies are exempt from the appropriate fee or fees.

* Under review.

offer of registration to end of eighth week	\$16
<i>Renewal at Commencement of Each Academic Year</i>	
Fees paid from commencement of third week of Session 1 to 31st March	\$16
Fees paid after 31st March where accepted with the express approval of the Registrar	\$33

WITHDRAWAL FROM COURSE

Students withdrawing from a course are required to notify the Registrar in writing. Fees for the course accrue until a written notification is received.

Where notice of withdrawal from a course is received by the Registrar before the first day of Session 1 a refund of all fees paid, other than the matriculation fee, will be made.

Where a student terminates for acceptable reasons a course of study before half a session has elapsed, one-half of the session's course fees may be refunded. Where a student terminates a course of study after half a session has elapsed, no refund may be made in respect of that session's fees.

The Library fee is an annual fee and is not refundable where notice of withdrawal is given after the commencement of Session 1.

A refund of half of the University Union Entrance Fee is made, after written application to the Warden, on withdrawal from membership after the beginning of Session 1 in the first year of joining or non-renewal of membership in the immediately succeeding year.

On notice of withdrawal a partial refund of the Student Activities Fees is made on the following basis:

University Union—\$7.50 in respect of each half session.

University of New South Wales Students' Union—where notice is given prior to the end of the fifth week of Session 1, \$3; thereafter no refund.

University of New South Wales Sports Association—where notice is given prior to 30th April, a full refund is made; thereafter no refund.

Miscellaneous—where notice is given prior to 30th April, \$8.50; thereafter no refund.

PAYMENT OF FEES

Completion of Enrolment

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period* for authorization of course programme. Failure to do so will incur a late fee of \$8.

First year students (including students repeating first year) must complete enrolment (including fee payment) before they are issued with class timetables or permitted to attend classes. A first year student who has been offered a place in a course to which entry is restricted and fails to complete enrolment (including fee payment) at the appointed time may lose the place allocated.

Fees should be paid during the prescribed enrolment period, but will be accepted during the first two weeks of Session 1. (For late fees, see earlier.) No student is regarded as having completed an enrolment until fees have been paid. *Fees will not be accepted (i.e., enrolment cannot be completed) from new students after the end of the second week of Session 1 (i.e., 17th March 1972), and after 31st March, from students who are re-enrolling, except with the express approval of the Registrar, which will be given in exceptional circumstances only.*

Payment of Fees by Session

Students who are unable to pay their fees by the year may pay by the session, in which case they are required to pay the first session's course fees and other fees for the year, within the first two weeks of Session 1. Students paying under this arrangement will receive accounts from the University for Session 2 fees. These fees must be paid within the first two weeks of Session 2.

Assisted Students

Scholarship holders or Sponsored Students who have not received an enrolment voucher or appropriate letter of authority from their sponsor at the time when they are enrolling, should complete their enrolment, paying their own fees. A refund of fees will be made when the enrolment voucher or letter of authority is subsequently lodged with the Cashier.

Extension of Time

Any student who is unable to pay fees by the due date may

* The enrolment periods for Sydney students are prescribed annually in the leaflets "Enrolment Procedure for New Students" and "Enrolment Procedure for Students Re-enrolling".

apply in writing to the Registrar for an extension of time. Such application must state year or stage, whether full-time or part-time, the course in which the applicant wishes to enrol, the reasons why payment cannot be made and the extension sought, and must be lodged before the date on which a late fee becomes payable. Normally the maximum extension of time for the payment of fees is until 31st March for fees due in Session 1 and for one month from the date on which a late fee becomes payable in Session 2.

Where an extension of time is granted to a first year student in Session 1, such student may only attend classes on the written authority of the Registrar, but such authority will not normally be given in relation to any course where enrolments are restricted.

Failure to Pay Fees

Any student who is indebted to the University and who fails to make a satisfactory settlement of his indebtedness upon receipt of due notice ceases to be entitled to membership and privileges of the University. Such a student is not permitted to register for a further session, to attend classes or examinations, or to be granted any official credentials.

No student is eligible to attend the annual examinations in any subject where any portion of his course fees for the year is outstanding after the end of the fourth week of Session 2 (18th August 1972).

In very special cases the Registrar may grant exemption from the disqualification referred to in the two preceding paragraphs upon receipt of a written statement setting out all relevant circumstances.

GENERAL RULES AND INFORMATION

GENERAL CONDUCT

Acceptance as a member of the University implies an undertaking on the part of the student to observe the regulations, by-laws and other requirements of the University, in accordance with the declaration signed at the time of the enrolment.

In addition, students are expected to conduct themselves at all times in a seemly fashion. Smoking is not permitted during lectures, in examination rooms or in the University Library. Gambling is also forbidden.

Members of the academic staff of the University, senior administrative officers, and other persons authorized for the purpose, have authority, and it is their duty to check and report on disorderly or improper conduct or any breach of regulations occurring in the University.

ATTENDANCE AT CLASSES

Students are expected to be regular and punctual in attendance at all classes in the course or subject in which they are enrolled. All applications for exemption from attendance at lectures or practical classes must be made in writing to the Registrar.

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

Applications to the Registrar for exemption from re-attendance at classes, either for lectures or practical work, may only be granted on the recommendation of the Head of the appropriate School. The granting of an exemption from attendance does not carry with it exemption from payment of fees.

Application forms for exemption from lectures are available at the Admissions Office and should be lodged there (with a medical certificate where applicable). If session examinations have been missed, this fact should be noted in the application.

Where a student has failed a subject at the annual examinations in any year and re-enrols in the same course in the following year, he must include in his programme of studies for that year the subject in which he has failed. This requirement will not be

applicable if the subject is not offered the following year; is not a compulsory component of a particular course; or if there is some other cause, which is acceptable to the Professorial Board, for not immediately repeating the failed subject.

Where a student has attended less than eighty per cent of the possible classes, he may be refused permission to sit for the examination in that subject.

INDEBTEDNESS TO THE UNIVERSITY

Any student who is indebted to the University and who fails to make a satisfactory settlement of his indebtedness upon receipt of due notice ceases to be entitled to membership and privileges of the University. Such a student is not permitted to register for a further session, to attend classes or examinations, or to be granted any official credentials.

In very special cases the Registrar may grant exemption from the disqualification referred to in the preceding paragraph upon receipt of a written statement setting out all relevant circumstances.

COURSE TRANSFERS

Students wishing to transfer from one course to another must apply on an application form obtainable from the Admissions Office, Chancellery, by Friday, 21st January. As quotas will operate on entry to all Faculties and the Board of Vocational Studies, failure to apply by 21st January 1972 will probably result in the application for transfer being unsuccessful.

Students whose applications to transfer are successful are required to comply with the enrolment procedures for the year/stage of the new course in which they expect to enrol. Unless otherwise instructed they must present the letter granting approval of the transfer to the enrolling officer.

Students who have not received advice regarding their application to transfer before the date on which they are required to enrol should check with the Admissions Office.

Students should also advise the Enrolling Officer of the School in which they are enrolled of their intention to transfer.

CHANGES IN COURSE PROGRAMMES AND WITHDRAWAL FROM SUBJECTS

Students seeking approval to substitute one subject for another, add one or more subjects to their programme or discontinue part of their programme must make application to the Head of the School responsible for the course on a form available from School

offices. Any addition or substitution of subjects after 31st March will be accepted only with the express approval of the Registrar on the recommendation of the appropriate Head of School, and will be given in exceptional circumstances only. In the case of students wishing to terminate their enrolment the application must be lodged at the Examinations and Student Records Section. The Registrar will inform students of the decision. Approval of withdrawal from subjects is not automatic, each application being determined after considering the circumstances advanced as justifying withdrawal.

It is emphasized that withdrawal from:

- (1) a subject, tuition in which extends over the academic year, at any time after the May recess;
- (2) a subject, tuition in which extends over only one session, at any time after one month from the commencement of the subject; or
- (3) failure to sit for the examinations in any subject in which the student has enrolled,

shall be regarded as failure to satisfy the examiners in the subject, unless written approval to withdraw without failure has been obtained from the Registrar.

RESUMPTION OF COURSES

Students wishing to resume their studies after an absence of twelve months or more are required to apply to the Admissions Office for permission to re-enrol by 21st January 1972. Students re-enrolling in this way will normally be required to satisfy conditions pertaining to the course at the time of re-enrolment. This condition applies also to students who have been re-admitted to a course after exclusion under the rules restricting students re-enrolling.

ANNUAL EXAMINATIONS

Most annual examinations take place in November-December although some are held in the mid-year recess. Timetables showing time and place at which individual examinations will be held are posted on the central notice boards, which are in the Bio-Medical Building, Central Lecture Block, Dalton Building, Main Building and Western ground-archway area. Misreading of the timetable is not an acceptable excuse for failure to attend an examination. Examination results are posted to the term addresses of students. No results will be given by telephone.

Examination results may be reviewed for a fee of \$9 a subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form, together with the necessary fee by the date indicated on the notification of results.

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

A student who through serious illness or other cause outside his control is unable to attend an examination is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Registrar not later than seven days after the date of the examination.

A student who believes that his performance at an examination has been affected by serious illness during the year or by other cause outside his control, and who desires these circumstances to be taken into consideration in determining his standing, is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Registrar not later than seven days after the date of the examination.

All medical certificates should be as specific as possible concerning the severity and duration of the complaint and its effect on the student's ability to take the examinations.

A student who attempts an examination, yet claims that his performance is prejudiced by sickness on the day of the examination, must notify the Registrar or Examination Supervisor before, during, or immediately after the examination, and may be required to submit to medical examination.

A student suffering from a physical disability which puts him at a disadvantage in written examinations may apply to the Registrar for special provision when examinations are taken. The student may be required to support his request with medical evidence.

All students will receive an enrolment details form by 30th August. It is not necessary to return this form, unless any information recorded there is incorrect. Amended forms must be returned to the Examinations Branch by 15th September. Amendments notified after the closing date will not be accepted unless exceptional circumstances exist and approval is obtained from the Registrar. Where a late amendment is accepted, a late fee of \$7 will be payable. Amended forms returned to the Registrar will be acknowledged in writing within fourteen days.

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

- (a) Candidates are required to obey any instruction given by an examination supervisor for the proper conduct of the examination.
- (b) Candidates are required to be in their places in the examination room not less than ten minutes before the time for commencement.
- (c) No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.
- (d) No candidate shall be admitted to an examination after thirty minutes from the time of commencement of the examination.
- (e) No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the time the examination commences.
- (f) No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.
- (g) A candidate shall not by any improper means obtain, or endeavour to obtain, assistance in his work, give, or endeavour to give, assistance to any other candidate, or commit any breach of good order.
- (h) Smoking is not permitted during the course of examinations.
- (i) A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination, to immediate expulsion from the examination room, and to such further penalty as may be determined in accordance with the By-laws.

DEFERRED EXAMINATIONS

Deferred examinations may be granted in the following cases:

- (i) When a student through illness or some other acceptable circumstance has been prevented from taking the annual examination or has been placed at a serious disadvantage during the annual examinations. Applications for deferred examination in this category must be lodged with the Registrar with appropriate evidence of the circum-

stances (e.g., medical certificate) not later than seven days after the examination concerned. All such applications shall be reported to the Head of the School responsible for the subject. Before a deferred examination is granted on medical grounds, regard shall be paid to the student's class and assignment work in the subject, to his general performance in the year, and to the significance of the annual examination in compiling the composite mark.

- (ii) To help resolve a doubt as to whether a student has reached the required standard in a subject.
- (iii) To allow a student by further study to reach the required standard in a subject. The granting of a deferred examination in such cases will be based on the general quality of the student's performance.
- (iv) Where a student's standing at the annual examinations is such that his progression or graduation could depend on his failure in one subject only, then his position in that subject shall be again reviewed with a view to determining whether a deferred examination may be granted notwithstanding his failure otherwise to qualify for such concession.

However, the Faculty of Commerce intends to award deferred examinations under (ii) and (iii) above only in exceptional circumstances. Every practicable effort will be made to resolve a doubt before the final composite mark and published grades are determined.

In subjects under the control of the various schools in the Faculty of Commerce the published grade will be determined on the basis of a composite mark which will include, on a weighted basis, the results of the final examination, session, mid-year and other prescribed examinations, essays and assignments. The exact method of weighting the components of the composite mark may differ from subject to subject, but students will be advised of the weighting at the commencement of Session 1.

To help resolve any further doubt as to whether a student has reached the required standard in a subject, a student may be required to sit for oral and/or written supplementary examinations in the relevant subjects. Supplementary examinations will normally be held in the first two weeks of December. When an examiner considers that he requires extra evidence in the form of an oral or written examination, the student will be advised by the Faculty

of Commerce of the place and time of the examination. Students will be required to attend no sooner than five days after the posting of notices by the Faculty of Commerce.

Students are advised not to undertake programmes with which they cannot adequately cope, and re-enrolling students are encouraged to seek the advice of enrolling officers in the Faculty on this matter.

Deferred examinations must be taken at the centre in which the student is enrolled, unless he has been sent on compulsory industrial training to remote country centres or interstate. An application to take an examination away from the centre in which enrolled must be lodged with the Registrar immediately examination results are received. Normally, the student will be directed to the nearest University for the conduct of the deferred examination.

Applications for deferred examinations in the first category must be lodged with the Registrar with appropriate evidence of the circumstances (e.g., medical certificate) not later than seven days after the examination concerned.

A student eligible to sit for a deferred examination must lodge with the Accountant an application accompanied by the fee of \$7 per subject, by the date indicated on the notification of results.

APPLICATION FOR ADMISSION TO DEGREE

Applications for admission to a degree of the University must be made on the appropriate form by 15th January. Applicants should ensure that they have completed all requirements for the degree.

RESTRICTION UPON STUDENTS RE-ENROLLING

The University Council has adopted the following rules governing re-enrolment with the object of requiring students with a record of failure to show cause why they should be allowed to re-enrol and retain valuable class places. These rules will apply retrospectively from January 1971.

1. (i) A student shall show cause why he should be allowed to repeat a subject in which he has failed more than once. (Failure in a deferred examination as well as in the annual examination counts, for the purpose of this regulation, as one failure.) Where such subject is prescribed as a part of the student's course he shall be required to show cause why he should be allowed to continue the course.

Notwithstanding the provisions of Clause 1 (i)

- (ii) A student enrolled in the first stage of any course who has failed in more than half the programme in which he is enrolled for that year or stage shall be required to show cause why he should be allowed to continue in the course.
 - (iii) A student enrolled in the first year of the Medical course who has failed in more than one subject of that year shall be required to show cause why he should be allowed to continue in the Medical course.
 - (iv) The provisions of sections (ii) and (iii) of this rule shall be deemed to apply to any student on transfer from another course or institution whose programme of studies in the first year of enrolment immediately following transfer is comprised of subjects so chosen that half or more of such subjects are listed in the University Calendar as first year subjects.
2. Notwithstanding the provisions of Clause 1, a student shall be required to show cause why he should be allowed to continue a course which he will not be able to complete in the time set down in the following schedule:

<i>Number of years in course</i>	<i>Total time allowed from first enrolment to completion (years)</i>
3	5
4	6
5	8
6	9
7	11
8	12

3. No full-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first year of his course are completed by the end of his second year of attendance. No student in the Faculty of Arts shall, without showing cause, be permitted to continue a course unless he completes four subjects by the end of his second year of attendance.
- No full-time student in the Bachelor of Social Work course shall, without showing cause, be permitted to continue with the course unless he completes the equivalent of four full subjects by the end of his second year of attendance.

No part-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first two stages of his course are completed by the end of his fourth year of attendance and all subjects of the third and fourth stages of his course by the end of his seventh year of attendance.

No student in the Faculty of Medicine shall, without showing cause, be permitted to continue with the medical course unless he completes the second year of the course by the end of his third year of attendance, and the third year of the course by the end of his fourth year of attendance.

4. A student who has a record of failure in a course at another University shall be required to show cause why he should be admitted to this University. A student admitted to a course at this University following a record of failure at another University shall be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at this University.
5. Any student excluded under any of the Clauses 1-3 may apply for re-admission after two academic years and such application shall be considered in the light of any evidence submitted by him.
6. A student wishing "to show cause" under these provisions shall do so in writing to the Registrar. Any such application shall be considered by a committee, hereinafter referred to as the Re-enrolment Committee, appointed by the Professorial Board, which shall determine whether the cause shown is adequate to justify his being permitted to continue his course or re-enrol as the case may be.
7. The Vice-Chancellor may on the recommendation of the Re-enrolment Committee exclude from attendance in a course or courses any student who has been excluded from attendance in any other course under the rules governing re-enrolment and whose record at the University demonstrates, in the opinion of the Re-enrolment Committee and the Vice-Chancellor, the student's lack of fitness to pursue the course nominated.
8. A student who has failed, under the provisions of Clause

6 of these rules, to show cause acceptable to the Re-enrolment Committee why he should be permitted to continue in his course, and who has subsequently been permitted to re-enrol in that course or to transfer to another course, shall also be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations immediately following the first year of resumption or transfer of enrolment as the case may be.

9. Any student who is excluded from attendance in any course or subject under the provisions of these rules may appeal to an Appeal Committee constituted by Council for this purpose. The decision of the Appeal Committee shall be final.
10. The notification to any student of a decision by the Re-enrolment Committee to exclude the student from attendance in any course or subject shall indicate that the student may appeal against the decision to an Appeal Committee. In lodging such appeal the student shall ensure that a complete statement is furnished of all grounds on which the appeal is based and shall indicate whether or not the student wishes to appear in person before the Appeal Committee.

In considering an appeal the Appeal Committee, on the basis of the student's academic record and the stated grounds of appeal, shall decide:

- (i) whether there are grounds which justify the Committee seeing the student in person, or
 - (ii) whether there is sufficient information available to the Committee to allow decision without seeing the student in person
- and so proceed to determine the application accordingly.

RE-ADMISSION AFTER EXCLUSION

Applications for re-admission must be made on the standard form and lodged with the Registrar not later than 30th June of the year prior to that for which re-admission is sought. An application should include evidence of appropriate study in the subjects (or equivalents) on account of which the applicant was excluded.

In addition, evidence that the circumstances which were deemed to operate against satisfactory performance at the time of exclusion are no longer operative or are reduced in intensity, should be furnished. An applicant may be required to take the annual examinations in the relevant subjects as qualifying examinations in which case re-admission does not imply exemption from the subject.

Late applications cannot be considered where, in the opinion of the University, insufficient time will be available for the student to prepare himself for any qualifying examination which may be required.

It should be noted that a person under exclusion may not be enrolled in miscellaneous subjects unless he has received the approval of the Admissions Committee of the Professorial Board.

Persons who intend applying for re-admission to the University at a future date may seek advice as to ways in which they may enhance their prospects of qualifying for re-admission. Enquiries should be made on a form obtainable from the Examinations Branch, and lodged with the Registrar.

OWNERSHIP OF STUDENTS' WORK

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

CHANGE OF ADDRESS

Students are requested to notify the Registrar in writing of any change in their address as soon as possible. Failure to do this could lead to important correspondence or course information not reaching the student. The University cannot accept responsibility if official communications fail to reach a student who has not notified the Registrar of a change of address.

NOTICES

Official University notices are displayed on the notice boards, and students are expected to be acquainted with the contents of those announcements which concern them.

Faculty and School Notice Boards are the usual means of communicating to students details of tutorial group allocations, changes

in lecture times and locations, administrative arrangements and information on other important matters. *It is, therefore, essential that students develop the habit of reading these notice boards at frequent intervals.*

LOST PROPERTY

All enquiries concerning lost property should be made to the Superintendent in the Commerce Building (telephone ext. 2503) or to the Lost Property Office at the Union.

PARKING WITHIN THE UNIVERSITY GROUNDS

Because of the limited amount of parking space available, only the following categories of students may apply for a permit: higher degree students (limited issue, annual fee \$7.80); post-graduate, and senior undergraduate students who have completed three years of a full-time or part-time course. Permit will allow access to campus between 5 p.m. and 11 p.m. on weekdays and during library hours on Saturdays, Sundays and public holidays (annual fee \$3.90). Applications should be made to the Property Section in the Chancellery.

APPLICATION OF RULES

General

Any student who requires information on the application of these rules or any service which the University offers, may make enquiries from the Admissions Office, the Student Counselling Centre or the Registrar.

Appeals

Section 5(c) of Chapter III of the By-laws provides that "Any person affected by a decision of any member of the Professorial Board (other than the Vice-Chancellor) in respect of breach of discipline or misconduct may appeal to the Vice-Chancellor, and in the case of disciplinary action by the Vice-Chancellor, whether on appeal or otherwise, to the Council".

PREPARATION OF ESSAYS

In the course of their studies students will be required to prepare a number of essays which must reach a minimum standard of presentation. All essays should include a bibliography, adequate

footnotes, and a synopsis which should summarize the argument of the essay and be set out in complete sentences. It is essential that the bibliography should state at least the names of the author(s) as shown on the publication referred to; the title, edition, date, publisher and place of publication of each book; and the title of each article, along with the name and full date of issue of the journal or other publication in which it appeared. Footnotes should be sufficiently detailed to identify the source quoted and should include page references where appropriate. Each essay should include a title sheet, giving particulars of the student's name, the subject which he is studying, the title of the essay, his tutorial group number, the day and time of his tutorial, his tutor's name and the number of words in the essay. To assist students in these and other respects, Faculty prescribes the following text: Kate L. Turabian, *Student's Guide for Writing College Papers*. Phoenix Books, University of Chicago Press, 1963.

PREPARATION OF THESES

In writing theses as required by the rules (see Rule 9, page 76) students are expected to pay particular attention to matters of presentation. In this respect students are advised to consult: Kate L. Turabian, *A Manual for Writers of Term Papers, Theses and Dissertations*. Phoenix Books, University of Chicago Press, 1955.

PREVIOUS ANNUAL EXAMINATION PAPERS

Copies of annual examination papers set in previous years can be purchased from the Union Shop, which is located in the University Union, Kensington.

ENQUIRIES

Enquiries regarding matriculation, enrolment, or fees, should be made to the Admissions Office, which is located in the Chancellery. Enquiries regarding courses and choice of subjects should be made to the Faculty Office in the Commerce Building.

HANDBOOKS

All students must obtain a copy of the *Faculty of Commerce Handbook* which costs 80c and is available from the University Cashier, the Co-operative Bookshop, the University Union Shop, Angus and Robertson Ltd., and Grahame Book Co. Pty. Ltd. In addition, new students should obtain a copy of *Handbook for New Students*. This is available free of charge from the Faculty Office or the Admissions Office.

The University Calendar is also available, price \$2.50 for the soft-bound edition, and \$3.00 for the hard-bound edition.

WOLLONGONG UNIVERSITY COLLEGE

Students may enrol in certain specializations for the Bachelor of Commerce degree, in both full-time and part-time courses, at Wollongong University College. First year subjects were first offered at the College in 1964 and some later year subjects were made available in subsequent years. These subjects are identical with those being offered in Sydney so that students may transfer to Sydney to complete their degrees.

Further details may be obtained from the Secretary at Wollongong University College.

UNIVERSITY AND PROFESSIONAL SOCIETIES

The Commerce Society

The Commerce Society is the student body of the Faculty, and every Commerce student, regardless of his course, is automatically admitted as a member. The Executive and the General Committee organize academic and social activities as well as representation on student affairs. They are elected annually by members of the Society.

The Society awards an annual prize for academic proficiency throughout the Commerce course and leadership in student activities. The social activities of the Society include the presentation of Bacchus Balls, the President's Dinner, a Winery Tour and Staff-Student gatherings. It publishes a news sheet called "Contact" to keep the students in touch with the activities of the Society, and a Student Year Book, *Enterprise*.

The Society provides an excellent opportunity for involvement in student affairs. All students are welcome to contact the Society through the members listed below or to write to Box 81, The University Union.

President: Stephen Hamilton (533 4101).

Secretary: Craig Ennis (46 5015).

Treasurer: David Saidey (665 1676).

Senior Vice-President: Steve Mogg (95 4349).

A.I.E.S.E.C. membership is open to all undergraduates and recent graduates of the Faculty. It affords members the opportunity to:

- (a) meet top level Australian executives—both in seminars and on a more personal basis at interviews;
- (b) participate in the organization of the committee on this campus. This includes administrative activities and also the reception of and hospitality to overseas trainees;
- (c) take part in business games and other associated events;
- (d) attend A.I.E.S.E.C. conferences, principally in Australia; and finally to
- (e) undertake a traineeship lasting from two to twelve months in any one of fifty-seven member nations. Competition for traineeships is increasing to the extent that active membership of the local committee is regarded as an important basis for selection.

Membership fee is \$1.00 per year. Enquiries may be directed to the following:

Ron Ferster (32 2286)

Phillip Levy (59 5282)

Omer Brkovic (560 7827)

David Freeman (30 3643)

or any other member of the local committee.

The Economic Society of Australia and New Zealand

Students are eligible for membership of the Economic Society of Australia and New Zealand at a concessional rate through the New South Wales Branch. The Branch's financial year commences on 1st April and the student subscription rate is \$4.50 per annum compared with a full subscription rate of \$7.25 per annum. This concession applies to both full-time and part-time students. The application for membership form is available from the School of Economics office and requires the attestation of a University Lecturer or Tutor. Membership forms and information about the Society are also available from: The Hon. Asst. Secretary, The Economic Society of Aust. & N.Z. (N.S.W. Branch), c/- Mutual Life & Citizens' Assurance Co. Ltd., P.O. Box 200, North Sydney, 2060.

Members receive the Society's Journal, *The Economic Record*, which is published four times a year, monthly *Economic Monographs* on current topics, *Economic Papers* (three to four times a year), and advice of recently published books. They may also subscribe at concessional rates to *The Australian Quarterly*, *The Australian Economic Review*, and *Economic Analysis and Policy* (published by the Queensland Branch).

The Commerce Society nominates one representative on the Branch Council.

Statistical Society of Australia: New South Wales Branch

The Branch offers student membership to undergraduates who are following a recognized course of study which includes Statistics. The subscription for a student member is \$3 per annum.

The regular general meetings of the Branch are held usually on the second Thursday of each month from March to November.

The Branch conducts a Research Section, an Operations Research Section and, in conjunction with the Market Research Society, a Joint Study Group for Statistics in Market Research; membership of these groups is open to members of the Branch free of charge. Each year the Branch also conducts a symposium for the study and discussion of particular statistical techniques or of statistical methods in a specialized field; symposia are open to members at reduced rates.

Members of the Branch receive *The Australian Journal of Statistics*, which is published three times a year by the Statistical Society of Australia.

Applications and requests for further information should be sent to the Hon. Secretary, Professor J. H. Pollard, School of Biological Sciences, Macquarie University, Eastwood, N.S.W. 2122.

Market Research Society of Australia (N.S.W. Division)

Market research can be defined as the provision of information related to a marketing problem and the use of that information in a way which reduces risks in management's decision-making. Companies are becoming increasingly aware of the value of marketing research in all phases of their business and their demand for good researchers is growing. There is considerable scope in manufacturing and service organizations and advertising agencies, as well as with specialist marketing research practitioners.

The aim of the Society is to encourage the use of scientific method in marketing research and marketing, and to facilitate the acquiring of further professional skills by its members. Established in Australia since 1955, the Society has over 800 members in its four State divisions and is growing rapidly. It is the Australian representative of the International Marketing Federation. Its activities include courses, seminars and "workshops" on marketing research and marketing, and lectures by top Australian and overseas researchers. It publishes a monthly *Newsletter*, and a bi-annual *Journal of Market Research*. At the regular monthly meetings a variety of papers on marketing research and marketing is discussed.

A fully affiliated branch of the Society operates on campus as the "U.N.S.W. Marketing Society" (see entry following).

Membership fees are: Full \$10; Associate \$8; Student (full time) \$3. Address: M.R.S. of Australia, N.S.W. Div., Box 221, P.O., Chatswood, N.S.W. 2067. Enquiries from prospective members or visitors are welcomed, as are those from students or graduates interested in marketing research or marketing careers.

The University of New South Wales Marketing Society

The U.N.S.W. Marketing Society was formed last year to cater for the specific needs of marketing students.

The Society is closely affiliated with the Market Research Society of Australia and membership is open only to students who are members of that Society. Membership of both societies is thus secured by payment of membership fee, \$3 for full-time and \$8 for part-time students to the M.R.S.

In its first year of operation the Society had over 150 members. The main objectives of the Society are:

- (1) to supplement the marketing course by developing close links with industry;
- (2) to represent marketing students in activities on campus;
- (3) to sponsor seminars, case studies and workshop sessions by companies on campus and visiting guest speakers; and
- (4) to provide employment service for full- and part-time employment.

For further information and membership applications contact:

Leigh Crocker (President), Box 41 P.O. Mosman. 969 3401.

Philip Sourry (Secretary), 70 Bradley's Head Rd., Mosman.
969 7815.

The Industrial Relations Society of New South Wales

This society is formed from representatives of the universities, management, trade unions, Government and the professions. Its objects are to foster discussion, research, education and publication in industrial relations. Its activities include regular lecture meetings, study or discussion groups and an annual week-end convention. In addition all members receive four times per year, a copy of the *Journal of the Industrial Relations Society of Australia*. From time to time the Society distributes to members copies of monographs on industrial relations subjects. Similar societies exist in other States.

Student membership fee, which includes subscription to the Journal, is \$2 per annum. Student membership is available to full-time students only. The ordinary membership fee including Journal subscription is \$5.

Inquiries to: Mr. John West, Honorary Secretary,

C/- Printing and Allied Trades Employers' Association of
New South Wales,

418 Elizabeth Street, Sydney, N.S.W. 2010.

STUDENT SERVICES

LIBRARY

The University Library is located on the upper campus and adjacent to the Chancellery, the Morven Brown Building and the John Goodsell Building. The Law Library is temporarily housed in Hut C on the lower campus.

Staff and students must use a machine readable identification card to borrow from the main University Library. For students a current union card is acceptable.

The hours of the Library are:

Monday to Friday—8.30 a.m. to 10 p.m.

Saturday—9 a.m. to 5 p.m.; Sunday—2 p.m. to 6 p.m.

At various times during the year library hours are changed, and during the Recesses extended. Notice of any variation is given on the Notice Board at the main entrance to the Library.

All students are urged, in their own interests, to familiarize themselves as soon as possible with the facilities afforded by the Library, the indexing system employed, and the rules under which publications may be borrowed. Students are expected to read widely and critically and to devote a considerable part of the recesses to this purpose.

For other details, reference should be made to the brochure, *Guide to the Library*, issued on enrolment.

ACCOUNTANCY HONOURS AND POSTGRADUATE SCHOOL LIBRARY

Largely as a result of a series of annual grants of \$500 made by the Public Accountants Registration Board of New South Wales, since 1961, an Honours and Postgraduate Accountancy Library has been established within the School of Accountancy. The library contains books and periodicals on accounting, auditing and allied subjects. Honours and postgraduate students wishing to use the library should apply at the office of the School of Accountancy.

THE UNIVERSITY UNION

The University Union is a common meeting ground for all students. Restaurant and general recreational facilities are available, as well as stationery and hairdressing shops, a pharmacy, branches of several banks and a branch of David Jones'. Membership is compulsory for all registered students.

STUDENT ACCOMMODATION

Residential Colleges

Accommodation for 450 men and women students is provided within the complex of the Residential Colleges formed by Basser, Goldstein and Philip Baxter Colleges. Tutors in residence provide tutorial assistance in a wide range of subjects. Board and residence fees amount to \$308 per fourteen-week period. Intending students should apply in writing to the Master, Box 24, Post Office, Kensington, N.S.W. 2033.

New College (Church of England) and Warrane College (Catholic) are the first denominational colleges to be established on the campus. Each accommodates approximately 200 men students. Fees are \$24 and \$23 per week respectively. Enquiries should be made in each case to the Master.

Accommodation is also available at International House, which has a membership of 120. Approximately half this number is Australian, and the other half is drawn from a multiplicity of nationalities. Board and residence fees are \$23.50 per week. In selecting residents preference is given to postgraduate and more senior undergraduate students.

Other Accommodation

Students requiring other than Residential College accommodation may make personal application to the Housing Officer (Extn. 3266) at the Student Amenities Unit. Current lists are kept of accommodation available at recognized boarding houses, private homes, and in serviced and unserviced apartments.

STUDENT AMENITIES UNIT

The Amenities Service, working in close liaison with the Sports Association and the University authorities, assists various recognized clubs by arranging and providing facilities essential to their general development, and by handling on their behalf all inquiries and applications for membership.

Concession Fares

Application forms for travelling concessions may be obtained at the Inquiry Office, the Chancellery, Kensington, or at the Amenities Service Offices, Kensington. Bus, train, ferry and aircraft concessions are available.

Location:

The Student Amenities Unit at Kensington is located on College Road, opposite the gateway to Baxter and Goldstein Colleges. (Tel. 663-0351, Ext. 2235.)

STUDENT EMPLOYMENT UNIT

Assistance is offered in finding employment over the long vacations giving course-related experience, or industrial training where this is a course requirement, casual employment and odd jobs, full-time employment for evening students, and permanent employment after graduation. The Service is located in the Chancellery on the ground floor.

CHAPLAINCY CENTRE

This Service is provided for the benefit of students and staff by five Christian Churches (Anglican, Roman Catholic, Methodist, Seventh Day Adventist, Churches of Christ) and by the Jewish congregation. Chaplains are in attendance at the University at regular times.

STUDENT HEALTH UNIT

Director: M. A. Naphali, MB, BS (*Syd.*)

A student health and first aid centre is situated within the University, staffed by two qualified medical practitioners and a nursing sister.

The centre is located in hut "E" on the northern side of the campus, adjacent to Basser College. The service is available to all students, free of charge, between 9 a.m. and 5 p.m., Mondays to Fridays, and to part-time students from 6 p.m. to 8 p.m., Tuesdays and Thursdays during University sessions by appointment.

The medical service, although therapeutic, is not intended to replace private or community health services. Thus, where chronic or continuing conditions are revealed or suspected, the student will be advised and referred to his own doctor or to an appropriate hospital for investigation and treatment. The health service is not

responsible for fees incurred in these instances. The service is confidential and students are encouraged to attend the centre for advice on matters pertaining to health.

Appointments may be arranged by calling at the centre or by telephoning 663-0351, extension 2679.

STUDENT COUNSELLING AND RESEARCH UNIT

The Student Counselling and Research Unit offers a free, confidential counselling service to help students, individually or in groups, to deal with problems, and to make plans and decisions associated with their personal, academic, and vocational progress.

Interviews and group programmes are available between 9 a.m. and 8 p.m. each week-day. Appointments may be made at the Unit, which is located at the foot of Basser Steps, or by ringing 663-0351, extensions 2600-2605 between 9 a.m. and 5 p.m.

FINANCIAL ASSISTANCE TO STUDENTS

The Students' Union and the University have co-operated to provide assistance to students who are in financial difficulties which are considered likely to prejudice their progress with their studies.

Three forms of assistance are available. In the first, the University considers, in certain circumstances, deferment of the payment of fees; this scheme is not intended to replace the established procedure for granting deferment for short periods but rather to supplement it by making deferment over longer periods possible. Secondly, students in need may receive a cash loan not exceeding \$300 from the Student Loan Fund established from contributions made by the Students' Union and the University. Thirdly, a Students' Union donation has made possible urgent cash loans not exceeding \$100 for a period of one month.

In all cases assistance is limited to students with reasonable academic records and whose financial circumstances warrant loans. Students granted assistance of either kind are required to give an undertaking to repay the loan under the conditions agreed upon.

Applications are made personally to the Deputy Registrar (Student Services).

UNIVERSITY CO-OPERATIVE BOOKSHOP LTD.

Membership is open to all students, on payment of a fee of \$5, refundable when membership is terminated. Members receive an annual rebate on purchases of books.

SCHOLARSHIPS AND PRIZES

Full details of scholarships and awards are set out in the University Calendar.

Students enrolled in the Degree courses in the Faculty of Commerce are eligible to apply for Commonwealth University Scholarships. They are also eligible to apply for one of the bursaries awarded by the Bursary Endowment Board. Those interested should study carefully the information given in the latest University Calendar.

Unless otherwise stated, applications for all scholarships should be lodged on the appropriate form with the Registrar within seven days of the award of Commonwealth University Scholarships.

C.S.R. Scholarship in Commerce

The Colonial Sugar Refining Co. Limited offers one scholarship each year to students enrolling in courses leading to the degree of Bachelor of Commerce specializing in Economics, Accountancy, Statistics, Applied Psychology or Industrial Relations. The scholarship holder will study full-time at the University during his first and fourth years, and in his second and third years will combine part-time attendance and part-time employment with the Company, being allowed some time off from work to attend day classes. The value of the scholarship is \$1,200 per annum when studying full-time: during the years of part-time employment with the Company the holder will be paid according to the Company's basic salary scale. This award may be held concurrently with a Commonwealth University Scholarship.

Manufacturers' Mutual Insurance Company Scholarship in Commerce

The Manufacturers' Mutual Insurance Company offers a Scholarship each year to the value of \$200 per annum. The Scholarship is available to students who desire to enter or are enrolled in one of the full-time courses in the Faculty of Commerce leading to the degree of Bachelor of Commerce and specializing in either Economics, Accountancy, Statistics, Applied Psychology or Industrial Relations. The Scholarship will normally be tenable for three years, but may be extended for a fourth year to allow the holder to proceed to a degree with honours. The Scholarship may be held concurrently with another scholarship.

PRIZES

The following prizes are available for award annually:

For Bachelor of Commerce Students

Australian Society of Accountants Prizes to the value of \$25 each for the best students in 14.111 Accounting I and 14.112 Accounting II.

H. E. Beaver Commercial Broadcasting Essay Prize to the value of \$100 for the best essay on the general subject of advertising media including radio, submitted by a student enrolled in 28.104 Marketing Models and Systems.

The Brinds Limited Prize in Economics to the value of \$100 for the best student in 15.113 Economics III (Honours).

Chamber of Manufactures Prize to the value of \$10 for the best student in 14.131 Auditing and Internal Control.

The Economic Society Prize to the value of \$6.30, plus a year's membership of the Society, valued at \$6, for the best final year student in Economics.

Edwin V. Nixon and Partners Prize to the value of \$21 for the best student in 14.321 Business Finance.

Greenwood, Challoner and Co. Prize to the value of \$21 for the best student in 14.222 Commercial Law II.

Kawneer Prize of \$100 for the best student in the subject 28.113 Marketing Management recommended by the head of the School of Marketing.

Larke Hoskins Industries Limited Prize to the value of \$21 for the best full-time student in 14.112 Accounting II.

The Australian Finance Conference Prize to the value of \$25 for the best student in 15.233 Public Finance and Financial Policy.

The Hungerford, Spooner and Kirkhope Prizes to the value of \$25 each for a student with an outstanding performance in 14.111 Accounting I and for the student with the best performance in 14.122 Accounting II (Honours).

The Law Book Co. of Australasia Pty. Limited Prize to the value of \$21 for the best student in 14.111 Accounting I.

The Lintas International Advertising Prize to the value of \$500 for the student proceeding to the degree of Bachelor of Commerce in Marketing, exhibiting the greatest general proficiency throughout the course.

The Market Research Society of Australia Prize to the value of \$100 for the best student in 28.133 Marketing Research.

The Statistical Society Prize to the value of \$6.30 for the best final year student in Statistics.

The Philips Electrical Prize to the value of \$20 for the best student in 28.104 Marketing Models and Systems.

The Taxation Institute of Australia Prize to the value of \$21 for the best student in 14.201 Taxation Law and Practice.

Unilever Australia Pty. Limited Prizes to the value of \$21 each for the best students in the following subjects, provided they have gained distinction standard: 15.101 Economics I, 15.102 Economics II, 15.103 Economics III, 15.401 Business Statistics, 15.104 Advanced Economic Analysis.

The University of New South Wales Commerce Society Prize to the value of \$21 for the best student graduating each year. Judging will take into account sporting and student activities as well as academic achievements. In addition, the winner's name will be recorded on an Honour Board in the Commerce Building.

The Wilson Bros. (Printers) Pty. Ltd. Prize to the value of \$25 for the best student in 14.311 Production and Industrial Accounting.

E. S. Wolfenden and Co. Prize to the value of \$21 for the best student in 14.113 Accounting III.

For Master of Commerce Students

The Arthur Andersen & Co. Prize to the value of \$25 for the best student in 14.901G Corporate Organization and Accounting.

The Slazengers (Aust.) Pty. Ltd. Prize to the value of \$25 for the best student in 14.902G Controllorship.

For Master of Business Administration Students

The Australian Finance Conference Prize to the value of \$25 for the best student in Finance I and II.

The Pioneer Concrete Prize to the value of \$42 for the best student in Quantitative Analysis in Business I and II.

The P. C. Boon Prize to the value of \$40 for the best first year student.

The John Storey Memorial Prize to the value of \$50 for the best final year student.

COURSES FOR THE DEGREE OF BACHELOR OF COMMERCE

SCHOOL OF ACCOUNTANCY

Accountancy Courses

The School of Accountancy offers full-time and part-time courses leading to the degree of Bachelor of Commerce.* These courses may be taken at pass or honours level. They comprise a sequence of accounting subjects designed to provide a comprehensive understanding of the conceptual basis of accounting and the application of these ideas to the provision of management information systems and to the financial management and accountability of business and public enterprises. Concurrent studies in law provide a broad introduction to the legal environment of business. Required courses in economics, statistics and general studies are also included in the degree structure. A range of electives provides wide opportunity for special areas of interest in accounting and associated fields, including more advanced treatment of computer applications in business. Throughout the courses the emphasis is upon mastery of ideas and stimulation of critical ability, to provide a foundation for continued personal and professional development. The course provides an appropriate preparation for entry into the accountancy profession, but the scope and orientation are much broader than for this purpose alone, and the course provides a particularly suitable education for careers in business and administration.

Students with a good academic record are encouraged to enter the honours course after the completion of the first full-time year or second part-time year. Applications to enrol must be approved by the Head of School. This course, using seminar discussion and case studies, provides a more extensive exposure to recent developments and applications in accounting. Original work is encouraged as a basis for preparation of the thesis submitted in the final year.

Professional Recognition of Accountancy Courses

The commerce degree courses in accountancy are recognized by

* Because of course changes, special transitional arrangements apply for students who first enrolled in 1966 or in some earlier year. These arrangements are set out in Rule 14, which appears in the 1969 Calendar and the 1969 Commerce Handbook.

professional organizations in accordance with the details set out below:—

The Australian Society of Accountants has accepted this University as an approved tertiary institution for the purpose of the Society's qualifying examination. Graduates who complete the Commerce (Accountancy) course including the subjects 14.131 Auditing and Internal Control, 14.201 Taxation Law and Practice and 14.222 Commercial Law II are exempted from the whole of the qualifying examination. Graduates completing this degree without these specified electives are required to pass a paper corresponding to each of those areas not covered by the degree course undertaken.

The honours course and the Master of Commerce course offered by this School are acceptable in satisfaction of the academic requirements for advancement to senior associate status of the Society.

In addition, persons who have completed a course of study which includes 14.311 Production and Industrial Accounting, 14.321 Business Finance and 14.402 Organization Theory shall be entitled to claim senior associate status, provided that: (i) they enrolled in the course and passed at least one subject by 31 December 1971; and (ii) the course in question is completed not later than November 1973 (or at the deferred examination).

The Institute of Chartered Accountants in Australia grants the maximum recognition permitted by its by-laws: a graduate completing the accountancy course for the Bachelor of Commerce degree will be granted exemption from the Institute's Intermediate Examinations, Groups 1, 2 and 3, provided he includes in his course the optional subjects: 14.201 Taxation Law and Practice, and 14.222 Commercial Law II. The graduate must complete only the three subjects in the Final Examination to be eligible to apply for membership. A graduate completing the course outlined will also be eligible under the Institute's proposed new admission requirements to enter the "Institute year" leading to membership.

The Public Accountants' Registration Board of New South Wales will exempt from its examinations graduates who complete the course provided they include in their course the optional subjects: 14.131 Auditing and Internal Control, 14.201 Taxation Law and Practice, 14.222 Commercial Law II.

The Chartered Institute of Secretaries grants the maximum recognition permitted by its regulations: a graduate completing the accountancy course for the degree of Bachelor of Commerce will be granted exemption from eight of the thirteen subjects prescribed in the Institute's examination syllabus, provided he includes in his course the optional subjects: 14.131 Auditing and Internal Control, 14.222 Commercial Law II and 14.201 Taxation Law and Practice. Exemption on a provisional basis may be granted to undergraduates at an advanced stage of their course.

Applications for registration, exemption or admission should be made direct to the professional bodies concerned.

SCHOOL OF ECONOMICS

The School of Economics offers full-time and part-time courses leading to the degree of Bachelor of Commerce with specialization in Economics, Statistics, Economic History, or Industrial Relations. In conjunction with the School of Applied Psychology, courses are also offered allowing specialization in Applied Psychology. The full-time courses extend over three years for a Pass Degree and four years for an Honours Degree; the part-time courses extend over six years for a Pass Degree and seven years for an Honours Degree.

In all specializations, students who have a good academic record in the first year of the full-time course, or in the first two years of the part-time course, are encouraged to enrol for the Honours course. Such applications must be approved by the Head of School before enrolling in the second year of the full-time course, or in the third year of the part-time course. Applications should be addressed to the Head of the School as soon as possible after the publication of the results in the year concerned.

Economics Courses

The specialization in economics aims at providing a basic training in economics which is suitable for a wide range of modern vocations, especially in business and the Public Service. One unit of Accounting and two units of Statistics are compulsory for all students. Those students who intend to go into business should consider doing further work in one of these two fields.

Able students who wish to become professional economists are strongly advised to take the honours course. In recent years there has been a great increase in the demand for honours graduates in Economics to work as economic research officers or economic advisers. This demand has come not only from the Public Service but also from industrial, commercial and financial institutions. The honours graduate, therefore, has a wide range of careers open to him.

Honours students, and pass students with a special interest in economic theory, are strongly advised to take Mathematics IT (10.021), or Mathematics I (10.001) and Mathematics II (10.911) or Higher Mathematics II (10.921) as optional subjects, since economics is becoming increasingly mathematical in method, and

much of economic theory is beyond the reach of those without University mathematics.

Economic History Courses

Economic History is a distinct academic discipline which combines the methods of History and Economics to study economic and social change in the past. The pass course has been designed to meet the needs of teachers. More advanced training at the honours level is available for those who intend to proceed to a higher degree, and perhaps specialize as academic historians and economic historians.

Statistics Courses

Students who elect to major in statistics will find that the work of the economic statistician is complementary to that of the theoretical and applied economist, and that it is of direct use to the Public Service and to financial, commercial and industrial enterprises. In consequence, the demand for properly trained statisticians is increasing more rapidly than the supply. The purpose of the course providing for specialization in statistics is to train graduates capable of meeting this demand.

The specialized training in statistics is based on a study of mathematics and gives an intensive training in the logical bases of advanced statistical analysis. In developing this statistical training considerable emphasis is placed upon the actual application of advanced techniques to economic, industrial and commercial problems.

Industrial Relations Courses

An outstanding characteristic of our time is the increasing specialization and consequent interdependence of economic activities. Industrial Relations is concerned with some of the implications of this development for conditions of work.

Industrial Relations may be broadly defined as the study of the system of relationships arising from work situations in modern society, of the system of conventions and law which govern those relationships, and of the way in which this system is affected by the values of the larger society within which it functions.

The industrial relations of a country, therefore, reflect its economic, social, political, legal and religious history as well as the

contemporary way of life of the people who relate to one another as employee and employer. The course is thus designed on an interdisciplinary social science basis to foster an appreciation of important questions which arise in developing industrial societies. The students will be encouraged to study a variety of markedly different industrial relations systems, so that they may best understand the uniqueness of their own.

Applied Psychology Courses

The Commerce course offering specialization in Applied Psychology is designed to provide training in economics, together with a theoretical training in individual and group psychology and an introduction to the skills and techniques of psychological assessment and data collection and analysis. The first subject in psychology is aimed at giving the student a foundation of psychological theory and an appreciation of the application of scientific method to the social sciences. In later years of the course detailed study is made of personality development, psychological assessment and measurement techniques. Opportunity is given for special study of some selected areas of psychology such as social psychology, motivation, human factors in engineering, learning and psychometrics.

The School of Applied Psychology also offers both a full-time and a part-time course in Applied Psychology leading to the Bachelor of Science degree. (For details, see the section in the *Calendar* dealing with courses in the Faculty of Biological Sciences.)

SCHOOL OF MARKETING

Marketing Courses

The School of Marketing offers a full-time and part-time course in marketing leading to the Degree of Bachelor of Commerce. It is designed to meet a strong demand from the business community for personnel especially trained in this field.

Several years ago many firms from various parts of Australia, as evidence of their keen interest in the advancement of marketing education, undertook to support a Chair of Marketing during the first formative years and sought the co-operation of the University of New South Wales. The first Professor of Marketing in Australia was appointed in March 1965, and the establishment of a Department of Marketing within the Faculty of Commerce took place in November 1965.

There has been a great deal of public interest in the development of the School both in Australia and overseas. Members of staff have spoken on marketing to a wide variety of audiences and business firms have participated actively in the teaching and research carried out in the School. The major teaching needs being met are twofold: the training of senior marketing executives, and the training of undergraduates with a special interest in, and an aptitude for marketing positions. A programme to train senior marketing executives is provided each year by the School of Marketing in conjunction with the Institute of Administration. In addition the School offers short executive courses through Unisearch Ltd.

The undergraduate degree course in marketing was available to students for the first time in 1967. The first year of the full-time course and the first two years of the part-time course are similar to those in accounting and economics. Students who have met these requirements can elect to transfer into the second year of the full-time or the third year of the part-time Marketing course. This is designed to give an understanding of the nature and complexity of marketing in our society and in the problems of decision-making in marketing. It aims to give the prospective marketing executive a broad type of university training which will enable him to adapt himself effectively to modern business both in the domestic scene and in broader fields. Therefore, the content of the course includes the general field of marketing, which became a distinct discipline in recent decades, and the related disciplines of economics, accounting, psychology, sociology and mathematics.

Graduates are needed urgently in marketing research, marketing management, retailing, wholesaling and a host of other business activities, as well as in government and in education. The course is designed to meet the broad needs for all these positions. Students primarily interested in statistical marketing research have the option of doing extra work in mathematics.

A further year for an honours course was introduced in 1969. This deals with the more advanced developments in marketing, and students are to prepare a thesis. In 1970 a course leading to a Master of Commerce degree was introduced. This course provides for further specialization in such fields as international marketing, marketing research, mass communications or the development of quantitative models in the area of marketing.

GENERAL INFORMATION

The courses leading to the pass degree in the Schools of Accountancy, Economics, and Marketing can be completed in a minimum of three years by students in full-time courses. Courses leading to the honours degree in the three Schools can be completed in a minimum of four years by students in full-time courses. Students in part-time courses can complete the courses in a minimum of six years for the pass degree and seven years for the honours Degree, except in Applied Psychology, where the honours course can be completed in a minimum of six years.

RULES RELATING TO THE DEGREE OF BACHELOR OF COMMERCE

1. Preliminary

These Rules prescribe the requirements to be fulfilled by candidates (hereafter referred to as students) for the award of the Degree of Bachelor of Commerce. The degree may be taken in the pass or the honours grade. Students may satisfy the requirements of the degree by taking the course in Accountancy, Economics, Statistics, Economic History, Industrial Relations, Applied Psychology or Marketing. The course in Accountancy, the special requirements for which are set out in Rule 12, is offered by the School of Accountancy. The courses in Economics, Statistics, Economic History and Industrial Relations are offered by the School of Economics. The course in Applied Psychology is offered by the School of Economics (in conjunction with the School of Applied Psychology). The special requirements for these courses are set out in Rule 15. The course in Marketing is offered by the School of Marketing. The special requirements for this course are set out in Rule 19.

1A. Nomination of Course

Students must nominate on enrolment forms the course they intend to take when enrolling for the first year in the case of a student in a full-time course or the second year in the case of a student in a part-time course.

1B. Head of School—Interpretation

In these Rules unless the contrary intention appears Head of School shall mean the Head of the School which offers the course or the Dean of the Faculty of Commerce in cases where the student has not indicated the course he intends to take.

1C. Pass Degree with Merit

In 1969 and subsequent years in cases of superior academic performance throughout the course the pass degree will be conferred with merit.

2. Minimum Time for Completion

Students enrolled in full-time courses may not complete the requirements for the Pass Degree in less than three years or the Honours Degree in less than four years. Students enrolled in part-time courses may not normally complete the requirements for the Pass Degree in less than six years or the Honours Degree in less than seven years. Subject to the approval of the Head of School concerned, a student enrolled in a part-time course may complete the requirements of the Pass Degree in five years and the Honours Degree in six years providing normally that the student

- (i) enrolled for the first time in 1962 or earlier and has an unbroken record of passes, *or*
- (ii) enrolled for the first time in 1963 or later and has an unbroken record containing some creditable passes.

3. Hours of Attendance

Subject to Rules 2, 12, 15 and 19 and the general University Rules covering restrictions upon students re-enrolling,* a student will not normally be permitted to enrol for subjects which in total require more than *fifteen* hours per week of lecture and tutorial classes for a student enrolled in a full-time course, or more than eight hours per week of lecture and tutorial classes for a student enrolled in a part-time course. The Head of School concerned may, in exceptional circumstances, grant such exemptions from this Rule as he considers appropriate.

4. Prerequisite Subjects

A student may not normally enrol for any subject until he has passed in the appropriate prerequisite subject or subjects as required by these Rules. In exceptional circumstances the Head of School concerned may permit a student to enrol for a subject concurrently with a prerequisite subject providing he has previously enrolled for the prerequisite subject and the Head of School is satisfied that the student has reached a satisfactory standard in the prerequisite subject.

5. Passing in a Subject

In determining a student's eligibility to progress, consideration will be given to assignments, essays, other written work

* See earlier.

and tests given throughout the year, as well as the annual examination results. To obtain a pass in any subject students must complete assignments and other set work by the prescribed dates to the satisfaction of the Head of School concerned.

6. Order of Progression of Subjects

Except with the approval of the Head of School concerned, no student may enrol for a subject in the second or later year of a course when there remains a subject in the preceding year or years (as set down in Tables I—XXIX below) for which he has not obtained credit or is not currently enrolled.

7. Humanities Subjects

The requirements for Humanities I and II must be satisfied by passing in any subject or subjects from the following list* provided that

- (a) the subject or subjects passed amount to a total of at least three hours of lectures and tutorials a week for two sessions (the hours of lectures and tutorials per week are shown in parentheses following each subject); and
- (b) the Humanities subject and the corresponding Arts subject are not both counted towards the requirements for the degree.

For the purposes of Rules 12, 15 and 19, the first subject selected will be called Humanities I and the second subject selected will be called Humanities II. If a student passes a subject amounting to three hours as Humanities I he will be exempt from Humanities II.

Credit will be given for subjects which are not on the list, but have been passed prior to 1967 in satisfaction of the Humanities requirements.

* Subjects with numbers commencing with "26" or with a suffix "H" are offered by the Department of General Studies, but not all of these subjects may be available in 1972. For further information regarding the subjects which will be available, see timetable. The other subjects in the list are offered by Schools in the Faculty of Arts, and enrolment therein is subject to the prior approval of the Head of the School responsible for the subject. Students wishing to enrol in 50.111 English I or 52.111 Philosophy I must personally obtain permission from the Head of the School concerned. Students wishing to enrol in these subjects should include them in their applications to enrol; they will be advised of any further requirements during enrolment week. Details of courses offered by the School of Political Science will be found under "Details of Subjects". Details of other Arts subjects may be found in the *University Calendar*, the *Faculty of Arts Handbook*, or on application to the School concerned.

- 11.011H History of Fine Arts (1½ hrs.)
- 11.021H History of Architecture (1½ hrs.)
- 12.001 Psychology I (5 hrs.)
- 26.121 Psychology (1½ hrs.)
- 26.122 Psychology Advanced Elective (1½ hrs.)
- 26.211 The Arts and Crafts (1½ hrs.)
- 26.301 Music (1½ hrs.)
- 26.302 Music Advanced Elective (1½ hrs.)
- 26.501 English, A, B or C (1½ hrs.)
- 26.502 English Advanced Elective (1½ hrs.)
- 26.503 English Advanced Elective (1½ hrs.)
- 26.511 History (1½ hrs.)
- 26.512 History Advanced Elective (1½ hrs.)
- 26.521 Philosophy (1½ hrs.)
- 26.522 Philosophy Advanced Elective (1½ hrs.)
- 26.531 Sociology (1½ hrs.)
- 26.541 Political Science (1½ hrs.)
- 26.542 Political Science Advanced Elective (1½ hrs.)
- 26.571 An Introduction to Modern Drama (1½ hrs.)
- 26.621 Cosmology (1½ hrs.)
- 26.622 Cosmology Advanced Elective (1½ hrs.)
- 26.623 Philosophy of Science (1½ hrs.)
- 26.641 German Literature & Civilization (1½ hrs.)
- 26.681 The Environmental Situation I
- 26.682* The Environmental Situation II (1½ hrs.)
- 50.111 English I (4 hrs.) *or*
- 50.121 English IT (3½ hrs.)
- 51.111 History IA (3 hrs.) *or*
- 51.121 History IB (3 hrs.)
- 52.111 Philosophy I (4 hrs.)
- 53.111 Sociology I (4 hrs.) *or*
- 53.121 Sociology IT (3 hrs.)
- 54.111 Political Science I (3½ hrs.)
- 56.111 French I
- 64.001 German IZ
- 64.111 German I
- 65.001 Spanish IZ
- 65.111 Spanish I
- 62.111 History and Philosophy of Science I (4 hrs.)

* A credit pass, or better, in any first elective is a prerequisite for this course.

8. General Options

The *General Options*, which are referred to in the courses leading to a Pass or Honours Degree, shall, subject to requirements of prerequisite subjects, include any subject of at least two hours (other than those offered by Schools of the Faculty of Commerce as part of courses in other Faculties) available in the University subject to the approval of the Head of School concerned.

9. Thesis

Each student enrolled for an honours degree in the Schools of Accountancy, Economics or Marketing, must present a thesis in his final year of study. Pass students in the Economics, Economic History, Statistics and Industrial Relations courses may present a thesis in their final year of study.† The thesis is to be on a topic selected by the student and approved by the Head of the School concerned. The thesis must be written under the supervision of a member of staff nominated by the appropriate Head of School.

The length of the thesis for the pass degree (where required) should not exceed 6,000 words, and for the honours degree should not exceed 10,000 words.

The topic selected must be submitted for approval no later than the following times:

- (i) For the honours courses in Accountancy or Marketing, the end of the second session in the second last year of the course.
- (ii) For courses in Economics, Economic History, Statistics or Industrial Relations, the end of the August recess in the second last year of the course.*

Not later than April 30 for the honours courses in Accountancy and Marketing and for all other courses not later than the first week of the first session of the year following that in which a topic must be submitted for approval, the student must submit a detailed statement to his supervisor showing the manner in which the student proposes to deal with the topic.

† Students specializing in Industrial Relations are particularly encouraged to undertake a thesis.

* Before choosing a thesis topic, students should consult the memorandum entitled *School of Economics; Undergraduate Thesis*. Copies are obtainable at the office of the School of Economics, which will also supply forms headed *The Undergraduate Thesis; Application for Approval of Topic*. Two copies of this form should be completed by the student and signed by a member of the staff to show that he recommends the proposed topic for consideration. They should then be lodged at the School office.

The thesis for courses in Economics, Economic History, Statistics and Industrial Relations leading to the pass degree must be presented in the appropriate form not later than *Monday in the first week of October* in the year in which the thesis is to be presented. The thesis for any course leading to an honours degree must be presented not later than November 30 of the year in which the thesis is to be presented.

In writing theses, students are expected to pay particular attention to matters of presentation. In this respect students are advised to consult Kate L. Turabian, *A Manual for Writers of Term Papers, Theses and Dissertations*. Phoenix Books, University of Chicago Press, 1955, and W. R. Parker, *The M.L.A. Style Sheet*, Modern Language Association, N.Y. Latest ed. The thesis must include a bibliography and an acknowledgement of all source material and it must be accompanied by an abstract of approximately 200 words. Two copies of the thesis must be submitted in double-spaced typescript on quarto paper with a 1-inch left-hand margin and suitably bound or stapled.

In exceptional circumstances the Head of School may grant an extension of time for compliance with the requirements of the three immediately preceding paragraphs.

10. Honours Degree

Upon completion of the first year of a full-time course or the second year of a part-time course, a student may make a written application to the Head of School for permission to enrol for an honours degree. A student who does not apply at the appropriate time but who subsequently wishes to enrol for an honours degree may, in exceptional circumstances, be granted permission to so enrol.

Performance in the subjects in the first year of a full-time course or in the first two years of a part-time course shall be considered by the Head of School concerned before permitting a student to enrol for an honours degree.

Students enrolled for an honours degree will be expected to reach a high standard in their overall performance and must take such extra subjects other than those prescribed in Rules 12 and 15, and sit for such additional examinations as may be prescribed by the Head of School. Where, in the opinion of the Head of School concerned, the performance of a student is unsatisfactory, permission to continue as an honours student

may be withdrawn and the student may then proceed to an appropriate pass degree.

The degree of Bachelor of Commerce with honours will be awarded in the following grades: Class I; Class II (in two divisions); Class III.

11. Credit for Subjects Passed at Another University

The University's Rules governing admission with advanced standing are as follows:

Any person who desires to register as a candidate for any degree or other award granted by the University may be admitted to the course leading to such degree or award with such standing, on the basis of qualifications held, as may be determined by the Professorial Board provided that:

- (i) the Board shall not grant such standing as will permit the candidate to qualify for the degree or award without attending the courses of instruction and passing the examinations in at least those subjects comprising the latter half of the course, save that where such a programme of studies would involve the candidate repeating courses of instruction in which the Board deems the candidate to have already qualified, the Board may prescribe an alternative programme of studies in lieu thereof;
- (ii) the Board shall not grant such standing under this rule as is inconsistent with the rules governing progression to such degree or award as may be operative from time to time.
- (iii) where a student transfers from another University and seeks credit for work done at that University, such student shall not in general be granted standing in this University which is superior to that which he would enjoy in the University from which he transfers.

Where the identity between the requirements for any award of the University already held and that of any other award of the University is such that the requirements outstanding for the second award are less than half the requirements of that award, then a student who merely completes such outstanding requirements shall not thereby be entitled to receive the second award but shall be entitled to receive a statement over the hand of the Registrar in appropriate terms.

SCHOOL OF ACCOUNTANCY

12. Courses in Accountancy

Subject to Rule 6, the Degree requirements for the course in Accountancy are set out in tabular form as follows:

Table I	Pass Degree	Accountancy—Full-time Course
Table II	Pass Degree	Accountancy—Part-time Course
Table III	Pass Degree	Accountancy—Part-time Course (accelerated programme)
Table IV	Honours Degree	Accountancy—Full-time Course
Table V	Honours Degree	Accountancy—Part-time Course

TABLE I

BACHELOR OF COMMERCE—PASS DEGREE
ACCOUNTANCY—FULL-TIME COURSE

Hours per week for 2 sessions
Lectures Tutorials

Year 1

14.111	Accounting I	2	2
14.221	Commercial Law I	2	1
15.101	Economics I†	3	1
15.401	Business Statistics	2	1
		—	—
		9	5
		—	—

Year 2

14.112	Accounting II	2	2
15.102	Economics II	2	2
	Accounting Option I*	2	0
	Accounting Option II*	2	0
	Humanities I†	1	$\frac{1}{2}$
		—	—
		9	4 $\frac{1}{2}$
		—	—

Year 3

14.113	Accounting III	2	2
15.103	Economics III	1	1
	Accounting Option III*	2	0
	Accounting Option IV*	2	0
	Humanities II†	1	$\frac{1}{2}$
		—	—
		8	3 $\frac{1}{2}$
		—	—

* See Rule 12A.

† See Rule 7.

‡ See subject description, p. 170.

TABLE II
BACHELOR OF COMMERCE—PASS DEGREE
ACCOUNTANCY—PART-TIME COURSE

		Hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I†	3	1
		<hr/>	<hr/>
		5	3
		<hr/>	<hr/>
Year 2			
14.221	Commercial Law I	2	1
15.401	Business Statistics	2	1
		<hr/>	<hr/>
		4	2
		<hr/>	<hr/>
Year 3			
14.112	Accounting II	2	2
15.102	Economics II	2	2
		<hr/>	<hr/>
		4	4
		<hr/>	<hr/>
Year 4			
14.113	Accounting III	2	2
15.103	Economics III	1	1
		<hr/>	<hr/>
		3	3
		<hr/>	<hr/>
Year 5			
	Accounting Option I*	2	0
	Accounting Option II*	2	0
	Humanities I†	1	$\frac{1}{2}$
		<hr/>	<hr/>
		5	$\frac{1}{2}$
		<hr/>	<hr/>
Year 6			
	Accounting Option III*	2	0
	Accounting Option IV*	2	0
	Humanities II†	1	$\frac{1}{2}$
		<hr/>	<hr/>
		5	$\frac{1}{2}$
		<hr/>	<hr/>

* See Rule 12A.

† See Rule 7.

‡ See subject description, p. 170.

TABLE III
BACHELOR OF COMMERCE—PASS DEGREE
ACCOUNTANCY—PART-TIME COURSE
(ACCELERATED PROGRAMME*)

		Hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I§	3	1
		—	—
		5	3
		—	—
Year 2			
14.221	Commercial Law I	2	1
15.401	Business Statistics	2	1
	Humanities I†	1	½
		—	—
		5	2½
		—	—
Year 3			
14.112	Accounting II	2	2
15.102	Economics II	2	2
	Humanities II†	1	½
		—	—
		5	4½
		—	—
Year 4			
14.113	Accounting III	2	2
	Accounting Option I†	2	0
	Accounting Option II†	2	0
		—	—
		6	2
		—	—
Year 5			
15.103	Economics III	1	1
	Accounting Option III†	2	0
	Accounting Option IV†	2	0
		—	—
		5	1
		—	—

* See Rule 2

† See Rule 7.

‡ See Rule 12A.

§ See subject description, p. 170.

TABLE IV

BACHELOR OF COMMERCE—HONOURS DEGREE
ACCOUNTANCY—FULL-TIME COURSE

		Hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
14.221	Commercial Law I	2	1
15.101	Economics I§	3	1
15.401	Business Statistics	2	1
		—	—
		9	5
		—	—
Year 2			
14.122	Accounting II (Honours)	3	1
15.102	Economics II	2	2
	Accounting Option I*	2	0
	Accounting Option II*	2	0
	Humanities I†	1	$\frac{1}{2}$
		—	—
		10	3 $\frac{1}{2}$
		—	—
Year 3			
14.123	Accounting III (Honours)	3	1
15.103	Economics III	1	1
	Accounting Option III*	2	0
	Accounting Option IV*	2	0
	Humanities II†	1	$\frac{1}{2}$
		—	—
		9	2 $\frac{1}{2}$
		—	—
Year 4			
14.163	Accounting Honours Seminar	4	0
	Special Subject‡	2	0
14.191	Thesis	2	0
		—	—
		8	0
		—	—

* See Rule 12A.

† See Rule 7.

‡ It is intended that this subject will be at honours level but in special circumstances the Head of the School may permit a student to take a pass course subject from the accounting options.

§ See subject description, p. 170.

TABLE V

**BACHELOR OF COMMERCE—HONOURS DEGREE
ACCOUNTANCY—PART-TIME COURSE**

		Hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I§	3	1
		<hr/>	<hr/>
		5	3
		<hr/>	<hr/>
Year 2			
14.221	Commercial Law I	2	1
15.401	Business Statistics	2	1
		<hr/>	<hr/>
		4	2
		<hr/>	<hr/>
Year 3			
14.122	Accounting II (Honours)	3	1
15.102	Economics II	2	2
		<hr/>	<hr/>
		5	3
		<hr/>	<hr/>
Year 4			
14.123	Accounting III (Honours)	3	1
15.103	Economics III	1	1
		<hr/>	<hr/>
		4	2
		<hr/>	<hr/>
Year 5			
	Accounting Option I*	2	0
	Accounting Option II*	2	0
	Humanities I†	1	$\frac{1}{2}$
	Special Subject‡	2	0
		<hr/>	<hr/>
		7	$\frac{1}{2}$
		<hr/>	<hr/>

* See Rule 12A.

† See Rule 7.

‡ It is intended that this subject will be at honours level but in special circumstances the Head of the School may permit a student to take a pass course subject from the accounting options.

§ See subject description, p. 170.

		Hours per week for 2 sessions	
		Lectures	Tutorials
Year 6			
	Accounting Option III*	2	0
	Accounting Option IV*	2	0
	Humanities II†	1	$\frac{1}{2}$
		—	—
		5	$\frac{1}{2}$
		—	—
Year 7			
14.163	Accounting Honours Seminar	4	0
14.191	Thesis	2	0
		—	—
		6	0
		—	—

* See Rule 12A.

† See Rule 7.

12A. Accounting Options

The Accounting Options referred to in Rule 12 may be chosen from the two groups listed in the following table subject to the conditions set out in Rule 13. Students must complete **four** (4) options including at least **two** (2) subjects from Group "A".

Subjects selected from the list in accordance with the requirements for Accounting Options in the courses set out in Rule 12 shall be called successively Accounting Option I, Accounting Option II, Accounting Option III and Accounting Option IV.

GROUP A*

Subject	Hours per week
14.121 Public Authority Accounting	2
14.131 Auditing and Internal Control	2
14.201 Taxation Law and Practice	2
14.203 Trustee Law and Accounting	2
14.222 Commercial Law II	2
14.311 Production and Industrial Accounting	2
14.321 Business Finance	2
14.322 Data Processing and Information Systems	2
14.332 Operations Research in Business	2
14.402 Organization Theory	2

GROUP B*

10.001 Mathematics I	6
12.001 Psychology I	5
14.212 Administrative Law	2
15.233 Public Finance and Financial Policy†	2
15.253 Economics of Industry and Labour†	2
15.471 Mathematics for Commerce	6
15.502 Industrial Relations I	3
28.104 Marketing Models and Systems	4

or any other approved University Subject

* Not all of these subjects will necessarily be offered each year.

† 15.102 Economics II is a prerequisite and 15.103 Economics III is a co-requisite for these subjects.

13. Rules for Progression—School of Accountancy

All students studying the Accountancy course for the degree of Bachelor of Commerce must observe the following rules for progression unless specifically exempted by the Head of the School. Such exemptions will be granted in exceptional cases only.

- (i) Part I of any subject is a prerequisite for Part II of that subject and Part II is a prerequisite for Part III.
- (ii) No student shall proceed to 14.203 Trustee Law and Accounting, or 14.321 Business Finance until he has passed 14.111 Accounting I.
- (iii) No student shall proceed to 14.322 Data Processing and Information Systems unless he has passed in or is currently enrolled in 14.112 Accounting II or 14.122 Accounting II (Honours).
- (iv) No student shall proceed to 14.131 Auditing and Internal Control unless he has passed in or is currently enrolled in 14.113 Accounting III or 14.123 Accounting III (Honours).
- (v) No student shall proceed to 14.201 Taxation Law and Practice, 14.203 Trustee Law and Accounting or 14.212 Administrative Law unless he has passed in 14.221 Commercial Law I.
- (vi) No student shall proceed to 14.332 Operations Research in Business unless he has passed 14.111 Accounting I and 15.401 Business Statistics.
- (vii) No student shall proceed to 14.311 Production and Industrial Accounting unless he has passed 14.112 Accounting II or 14.122 Accounting II (Honours).
- (viii) No student shall proceed to 15.233 Public Finance and Financial Policy or 15.253 Economics of Industry and Labour until he has passed 15.102 Economics II and unless he has passed or is currently enrolled in 15.103 Economics III.

14. Transition Arrangements—School of Accountancy

Rule 14 covers the transitional arrangements for students enrolled prior to 1967. This rule appears in the 1969 Calendar and the 1969 Commerce Handbook.

SCHOOL OF ECONOMICS

15. Courses in Economics, Economic History, Economic Statistics, Industrial Relations and Applied Psychology

Subject to Rule 6 the degree requirements for the courses in Economics, Economic History, Statistics, Industrial Relations and Applied Psychology are set out in tabular form as follows:

Table VI	Pass Degree. Economics—Full-time Course.
Table VII	Pass Degree. Economics—Part-time Course.
Table VIII	Honours Degree. Economics—Full-time Course.
Table IX	Honours Degree. Economics—Part-time Course.
Table X	Pass Degree. Economic History—Full-time Course.
Table XA	Pass Degree. Economic History—For full-time students who enrolled before 1971.
Table XI	Pass Degree. Economic History—Part-time Course.
Table XII	Honours Degree. Economic History—Full-time Course.
Table XIII	Honours Degree. Economic History—Part-time Course.
Table XIV	Pass Degree. Statistics—Full-time Course.
Table XV	Pass Degree. Statistics—Part-time Course.
Table XVI	Honours Degree. Statistics—Full-time Course.
Table XVII	Honours Degree. Statistics—Part-time Course.
Table XVIII	Pass Degree. Industrial Relations—Full-time Course.
Table XIX	Pass Degree. Industrial Relations—Part-time Course.
Table XX	Honours Degree. Industrial Relations—Full-time Course.
Table XXI	Honours Degree. Industrial Relations—Part-time Course.
Table XXII	Pass Degree. Applied Psychology—Full-time Course.
Table XXIII	Pass Degree. Applied Psychology—Part-time Course.
Table XXIV	Honours Degree. Applied Psychology—Full-time Course.
Table XXV	Honours Degree. Applied Psychology—Part-time Course.

Where a choice of subjects is available in satisfying the requirements for Humanities I, Humanities II, General Option, or Economics Options I-IV, the hours shown are the minimum hours of class attendance possible. Some of the subjects which can be so chosen require more hours of class attendance than shown in the Tables.*

* In selecting these subjects, students should pay particular attention to Rules 7, 8, 16 and 17. Students who first enrolled in 1962 or earlier should, in addition, pay particular attention to Rule 18.

TABLE VI

BACHELOR OF COMMERCE—PASS DEGREE
ECONOMICS—FULL-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
Plus one of the following five subjects			
10.001	Mathematics I*	4	2
10.011	Higher Mathematics I*	4	2
10.021	Mathematics II*	4	2
15.401	Business Statistics	2	1
15.471	Mathematics for Commerce*	4	2
Plus one of the following four subjects			
12.001	Psychology I	3	2
14.221	Commercial Law I	2	1
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 2			
15.102	Economics II	2	2
* 15.402	Econometric Methods¶	2	1
	Economics Option I† or		
	General Option ‡	2	0
	Humanities I§	1	½
Year 3			
15.103	Economics III	1	1
	General Option† or		
	Economics Option I†	2	0
	Economics Option II†	2	0
	Economics Option III†	2	0
	Economics Option IV†	2	0
	Humanities II§	1	½

* Students with mathematical aptitude are advised to take 10.001 Mathematics I so that they may take Mathematics II in a later year. Students who do not take Business Statistics in first year must substitute 15.422 Statistical Inference for 15.402 Econometric Methods, but may take 15.402 Econometric Methods as an Economics option.

† See Rule 16.

‡ See Rule 8.

§ See Rule 7.

¶ Students who take 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II in Year II may postpone Humanities I till Year 3.

¶ This subject is compulsory for students who first enrolled or transferred to the Economics Course in 1968 or later. Other students may substitute a subject, which is not an introductory subject, chosen from the list in Rule 16.

** See subject description, p. 170.

TABLE VII

BACHELOR OF COMMERCE—PASS DEGREE
ECONOMICS—PART-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I¶	3	1
Year 2			
One of the following five subjects			
10.001	Mathematics I*	4	2
10.021	Mathematics II*	4	2
15.401	Business Statistics	2	1
15.471	Mathematics for Commerce*	4	2
Plus one of the following four subjects			
12.001	Psychology I	3	2
14.221	Commercial Law I	2	1
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 3			
15.102	Economics II	2	2
15.402	Econometric Methods¶	2	1
Year 4			
15.103	Economics III	1	1
	Humanities I†	1	½
	Economics Option I†	2	0
Year 5			
	Economics Option II†	2	0
	Economics Option III†	2	0
	Humanities II†	1	½
Year 6			
	General Options§	2	0
	Economics Option IV†	2	0

* Students with mathematical aptitude are advised to take 10.001 Mathematics I so that they may take Mathematics II in a later year. Students who do not take Business Statistics in first year must substitute 15.422 Statistical Inference for 15.402 Econometric Methods, but may take 15.402 Econometric Methods as an Economics option.

† See Rule 7.

‡ See Rule 16.

§ See Rule 8. Students may take the General Option in Year V, in which case Humanities II will be taken in Year 6.

¶ This subject is compulsory for students who first enrolled or transferred to the Economics Course in 1968 or later. Other students may substitute a subject, which is not an introductory subject, chosen from the list in Rule 16.

¶ See subject description, p. 170.

TABLE VIII

BACHELOR OF COMMERCE—HONOURS DEGREE
ECONOMICS—FULL-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I***	3	1
	<i>Plus one of the following five subjects</i>		
10.001	Mathematics I*	4	2
10.011	Higher Mathematics I*	4	2
10.021	Mathematics II*	4	2
15.401	Business Statistics	2	1
15.471	Mathematics for Commerce*	4	2
	<i>Plus one of the following four subjects</i>		
12.001	Psychology I	3	2
14.221	Commercial Law I	2	1
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 2			
15.112	Economics II (Honours)	2	2
15.402	Econometric Methods**	2	1
	Economics Option I† <i>or</i>		
	General Option‡	2	0
	Humanities I§	1	½
	Humanities II§	1	½
Year 3			
15.113	Economics III (Honours) <i>or</i>		
15.173	Economics IIIM¶	1	1
	General Option‡ <i>or</i>		
	Economics Option I†	2	0
	Economics Option II†	2	0
	Economics Option III†	2	0
	Economics Option IV†	2	0
Year 4			
15.104	Advanced Economic Analysis	6	0
15.194	Thesis	2	0

* Students with mathematical aptitude are advised to take 10.001 Mathematics I so that they can take Mathematics II in a later year. Students who do not take Business Statistics in first year must substitute 15.422 Statistical Inference for 15.402 Econometric Methods, but may take 15.402 Econometric Methods as an Economics option.

† See Rule 16.

‡ See Rule 8.

§ See Rule 7.

¶ Students who take 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II in Year 2 may postpone Humanities till Year 3.

¶ Students must have passed 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II before entering this subject.

** This subject is compulsory for students who first enrolled or transferred to the Economics Course in 1968 or later. Other students may substitute a subject, which is not an introductory subject, chosen from the list in Rule 16.

*** See subject description, p. 170.

TABLE IX

BACHELOR OF COMMERCE—HONOURS DEGREE
ECONOMICS—PART-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
Year 2			
<i>One of the following five subjects</i>			
10.001	Mathematics I*	4	2
10.021	Mathematics II*	4	2
15.401	Business Statistics	2	1
15.471	Mathematics for Commerce*	4	2
<i>Plus one of the following four subjects</i>			
12.001	Psychology I	3	2
14.221	Commercial Law I	2	1
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 3			
15.112	Economics II (Honours)	2	2
15.402	Econometric Methods¶	2	1
Year 4			
15.113	Economics III (Honours) or		
15.173	Economics IIIM 	1	1
	Economics Option I†	2	0
	Humanities II‡	1	½
Year 5			
	Economics Option II†	2	0
	Economics Option III†	2	0
	Humanities II‡	1	½

* Students with mathematical aptitude are advised to take 10.001 Mathematics I so that they may take Mathematics II in a later year. Students who do not take Business Statistics in first year must substitute 15.422 Statistical Inference for 15.402 Econometric Methods, but may take 15.402 Econometric Methods as an Economics option.

† See Rule 16.

‡ See Rule 7.

§ See Rule 8.

|| Students must have passed 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II before entering this subject.

¶ This subject is compulsory for students who first enrolled or transferred to the Economics Course in 1968 or later. Other students may substitute a subject, which is not an introductory subject, chosen from the list in Rule 16.

** See subject description, p. 170.

Year 6

15.104	Advanced Economic Analysis	6	0
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Year 7

	General Option	2	0
	Economics Option IV†	2	0
15.194	Thesis	2	—

† See Rule 16.

TABLE X

**BACHELOR OF COMMERCE—PASS DEGREE
ECONOMIC HISTORY—FULL-TIME COURSE***

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
15.331	Economic History I	2	1
15.401	Business Statistics	2	1
Year 2			
15.102	Economics II	2	2
15.332	Economic History II	2	1
	Economics Option†¶	2	0
	Humanities I†¶	1	$\frac{1}{2}$
	Humanities II†¶	1	$\frac{1}{2}$
Year 3			
15.103	Economics III	1	1
15.333	Economic History III	4	0
15.243	Economic Development§	2	0
51.112	History IIA <i>or</i>		
51.132	History IIB	2	1
15.213	History of Economic Thought§ <i>or</i> other approved University subject	2	0

* Full-time students who enrolled before 1971 will complete according to Table XA.

† See Rule 16.

‡ See Rule 7.

§ See Rule 17 for prerequisite requirements.

**See subject description, p. 170.

¶ 51.111 History IA or 51.121 History IB must be taken either as an Economics Option (see Rule 16) *or* as Humanities I and II (see Rule 7).

TABLE XA

BACHELOR OF COMMERCE—PASS DEGREE
ECONOMIC HISTORY—FULL-TIME COURSE

(For students who enrolled before 1971)

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 3			
15.103	Economics III	1	1
15.332	Economic History II	2	0
15.243	Economic Development§	2	0
	Economics Option†	2	0
	<i>and either</i>		
15.213	History of Economic Thought§ <i>or</i>		
15.223	Comparative Economic Systems§	2	0

† See Rule 16.

‡ See Rule 7.

§ See Rule 17 for prerequisite requirements.

|| See Rule 8.

TABLE XI

BACHELOR OF COMMERCE—PASS DEGREE
ECONOMIC HISTORY—PART-TIME COURSE*Min. hours per week for 2 sessions
Lectures Tutorials

Year 1

14.111	Accounting I	2	2
15.101	Economics I**	3	1

Year 2

15.331	Economic History I	2	1
15.401	Business Statistics	2	1

Year 3

15.102	Economics II	2	2
15.332	Economic History II	2	1

Year 4

	Economics Option†¶	2	0
	Humanities I†¶	1	$\frac{1}{2}$
	Humanities II†¶	1	$\frac{1}{2}$

Year 5

15.103	Economics III	1	1
51.112	History IIA <i>or</i>		
51.132	History IIB	2	1

Year 6

15.333	Economic History III	4	0
15.213	History of Economic Thought§ <i>or</i>		
	other approved University subject	2	0
15.243	Economic Development§	2	0

* Part-time students who enrolled before 1970 must consult the Professor of Economic History before re-enrolment.

† See Rule 16.

‡ See Rule 7.

** See subject description, p. 170.

§ See Rule 17 for prerequisite requirements.

¶ 51.111 History IA or 51.121 History IB must be taken either as an Economics Option (see Rule 16) *or* as Humanities I and II (see Rule 7).

TABLE XII

BACHELOR OF COMMERCE—HONOURS DEGREE
ECONOMIC HISTORY—FULL-TIME COURSE*

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
15.331	Economic History I	2	1
15.401	Business Statistics	2	1
Year 2			
15.102	Economics II <i>or</i>		
15.112	Economics II (Honours)	2	2
15.342	Economic History II (Honours)	2	1
	Economics Option†¶	2	0
	Humanities I‡¶	1	$\frac{1}{2}$
	Humanities II‡¶	1	$\frac{1}{2}$
Year 3			
15.103	Economics III <i>or</i>		
15.113	Economics III (Honours)	1	1
15.343	Economic History III (Honours)	4	1
15.243	Economic Development§	2	0
51.112	History IIA <i>or</i>		
51.132	History IIB	2	1
15.213	History of Economic Thought§ <i>or</i> other approved University subject	2	0
Year 4			
15.304	Economic History IV	6	0
15.194	Thesis	2	0

* Full-time students who enrolled before 1971 must consult the Professor of Economic History before re-enrolment.

† See Rule 16.

‡ See Rule 7.

§ See Rule 17 for prerequisite requirements.

**See subject description, p. 170.

¶ 51.111 History IA or 51.121 History IB must be taken either as an Economics Option (see Rule 16) *or* as Humanities I and II (see Rule 7).

TABLE XIII
BACHELOR OF COMMERCE—HONOURS DEGREE
ECONOMIC HISTORY—PART-TIME COURSE*

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
Year 2			
15.331	Economic History I	2	1
15.401	Business Statistics	2	1
Year 3			
15.102	Economics II <i>or</i>		
15.112	Economics II (Honours)	2	2
	Economics Option†¶	2	0
	Humanities I‡¶	1	$\frac{1}{2}$
	Humanities II‡¶	1	$\frac{1}{2}$
Year 4			
15.103	Economics III <i>or</i>		
15.113	Economics III (Honours)	1	1
15.342	Economic History II (Honours)	2	1
15.243	Economic Development§	2	0
Year 5			
15.343	Economic History III (Honours)	4	1
51.112	History IIA <i>or</i>		
51.132	History IIB	2	1
Year 6			
15.304	Economic History IV	6	0
Year 7			
15.213	History of Economic Thought§ <i>or</i>		
	other approved University subject	2	0
15.194	Thesis	2	0

* Part-time students who enrolled before 1970 must consult the Professor of Economic History before re-enrolment.

† See Rule 16.

‡ See Rule 7.

§ See Rule 17 for prerequisite requirements.

**See subject description, p. 170.

¶ 51.111 History IA or 51.121 History IB must be taken either as an Economics Option (see Rule 16) *or* as Humanities I and II (see Rule 7).

TABLE XIV

BACHELOR OF COMMERCE—PASS DEGREE
STATISTICS—FULL-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
	Humanities I†	1	$\frac{1}{2}$
	<i>Plus one of the following:</i>		
10.001	Mathematics I	4	2
10.011	Higher Mathematics I		
15.471	Mathematics for Commerce*		
Year 2			
15.102	Economics II	2	2
15.422	Statistical Inference	3	1
10.111	Pure Mathematics II <i>or</i>	* 4½	1½
10.121	Higher Pure Mathematics II <i>or</i>		
10.911	Mathematics II <i>or</i>		
10.921	Higher Mathematics II		
	Humanities II†	1	$\frac{1}{2}$
Year 3			
15.103	Economics III	1	1
15.423	Multivariate Analysis‡	2	0
15.433	Applied Statistics	4	0
	Economics Option¶	2	0
	General Option§	2	0

* Students who take Mathematics for Commerce in Year I must in Year II replace Mathematics II with two Economics Options (see Rule 16).

† See Rule 7.

|| Before choosing these subjects students should consult the Head of the School of Economics.

** See subject description, p. 170.

‡ Students who passed 15.423 Statistical Analysis II in 1970 or earlier are exempt from the General Option.

¶ To be chosen from the list in Rule 16.

§ See Rule 8.

TABLE XV

BACHELOR OF COMMERCE—PASS DEGREE
STATISTICS—PART-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
Year 2			
	Humanities I†	1	$\frac{1}{2}$
	Plus one of the following:		
10.001	Mathematics I	4	2
15.471	Mathematics for Commerce* }		
Year 3			
10.111	Pure Mathematics II <i>or</i>	4 $\frac{1}{2}$	1 $\frac{1}{2}$
10.121	Higher Pure Mathematics II <i>or</i>		1 $\frac{1}{2}$
10.911	Mathematics II <i>or</i>		1 $\frac{1}{2}$
10.921	Higher Mathematics II		1 $\frac{1}{2}$
	Humanities II†	1	$\frac{1}{2}$
Year 4			
15.102	Economics II	2	2
15.422	Statistical Inference	3	1
Year 5			
15.103	Economics III	1	1
15.423	Multivariate Analysis†	2	0
	Economics Option¶	2	0
Year 6			
15.433	Applied Statistics	4	0
	General Options§	2	0

* Students who take Mathematics for Commerce in Year 2 must in Year 3 replace Mathematics II with two Economics Options (see Rule 16).

† See Rule 7.

|| Before choosing these subjects students should consult the Head of the School of Economics.

** See subject description, p. 170.

§ See Rule 8.

‡ Students who passed 15.423 Statistical Analysis II in 1970 or earlier are exempt from the General Option.

¶ To be chosen from the list in Rule 16.

TABLE XVI

**BACHELOR OF COMMERCE—HONOURS DEGREE
STATISTICS—FULL-TIME COURSE**

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
	<i>Plus one of the following:</i>		
10.001	Mathematics I	4	2
10.011	Higher Mathematics I		
15.471	Mathematics for Commerce*		
	Humanities II 	1	$\frac{1}{2}$
Year 2			
10.111	Pure Mathematics II <i>or</i>	4 $\frac{1}{2}$	1 $\frac{1}{2}$
10.121	Higher Pure Mathematics II <i>or</i>		
10.911	Mathematics II <i>or</i>		
10.921	Higher Mathematics II		
15.112	Economics II (Honours)†	2	2
15.422	Statistical Inference	3	1
	Humanities II 	1	$\frac{1}{2}$
Year 3			
15.113	Economics III (Honours)‡ <i>or</i>		
15.173	Economics IIIM	1	1
15.423	Multivariate Analysis***	2	0
15.433	Applied Statistics	4	0
	Economics Option I§	2	0
	General Option‡‡	2	0
Year 4			
15.434	Econometrics	2	1
15.194	Thesis	2	0
	Economics Option II§	2	0

* Students who have taken Mathematics for Commerce in Year 1 must substitute for Mathematics II two Economics Options (see Rule 16).

† With the permission of the Head of School this subject may be replaced by 15.102 Economics II.

‡ With the permission of the Head of School this subject may be replaced by 15.103 Economics III. For entry to 15.173 Economics IIIM students must have passed 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II.

§ Students may satisfy the requirements of both Economics Options I and II by passing 10.112 Pure Mathematics III or 10.912 Mathematics III. The Economics Options I and II will be chosen from the list of subjects in Rule 16.

|| See Rule 7.

¶ Before choosing these subjects students should consult the Head of the School of Economics.

** See subject description, p. 170.

*** Students who passed 15.423 Statistical Analysis II in 1970 or earlier are exempt from the General Option.

‡‡ See Rule 8.

TABLE XVII
BACHELOR OF COMMERCE—HONOURS DEGREE
STATISTICS—PART-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I**	3	1
Year 2			
	Humanities II 	1	$\frac{1}{2}$
	Plus one of the following:		
10.001	Mathematics I	4	2
15.471	Mathematics for Commerce* }		
Year 3			
10.111	Pure Mathematics II or	4 $\frac{1}{2}$	1 $\frac{1}{2}$
10.121	Higher Pure Mathematics II or		1 $\frac{1}{2}$
10.911	Mathematics II or		1 $\frac{1}{2}$
10.921	Higher Mathematics II		1 $\frac{1}{2}$
	Humanities II 	1	$\frac{1}{2}$
Year 4			
15.112	Economics II (Honours)†	2	2
15.422	Statistical Inference	3	1
Year 5			
15.423	Multivariate Analysis***	2	0
15.113	Economics III (Honours)‡ or		
15.173	Economics IIIM†	1	1
15.433	Applied Statistics	3	1
Year 6			
15.434	Econometrics	3	0
	Economics Option I§	2	0
Year 7			
	Economics Option II§	2	0
	General Option‡‡	2	0
15.194	Thesis	2	0

* Students who have taken Mathematics for Commerce in Year 2 must substitute for Mathematics II two Economics Options (see Rule 16).

† With the permission of the Head of School this subject may be replaced by 15.102 Economics II.

‡ With the permission of the Head of School this subject may be replaced by 15.103 Economics III. For entry to 15.173 Economics IIIM students must have passed 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II.

§ Students may satisfy the requirements of both Economics Options I and II by passing 10.112 Pure Mathematics III or 10.912 Mathematics III. The Economics Options I and II will be chosen from the list of subjects in Rule 16.

¶ Before choosing these subjects students should consult the Head of the School of Economics.

|| See Rule 7.

** See subject description, p. 170.

*** Students who passed 15.423 Statistical Analysis II in 1970 or earlier are exempt from the General Option.

‡‡ See Rule 8.

TABLE XVIII

**BACHELOR OF COMMERCE—PASS DEGREE
INDUSTRIAL RELATIONS†—FULL-TIME COURSE**

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1**			
14.111	Accounting I	2	2
15.101	Economics I¶	3	1
15.401	Business Statistics	2	1
<i>Plus one of the following three subjects:</i>			
12.001	Psychology I	3	2
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 2			
15.102	Economics II	2	2
15.502	Industrial Relations I	1	2
15.552	Industrial Law I	2	0
	Humanities I*	1	½
	Humanities II*	1	½
Year 3			
15.103	Economics III	1	1
15.503	Industrial Relations II	1	2
	Economics Option I†	2	0
	Economics Option II†	2	0
12.651	Psychology (Industrial Relations) <i>or</i>	3	0
15.553	Industrial Law II	2	0

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

‡ Students who have passed 12.101 Psychology before March 1968 will be exempted from 12.001 Psychology I.

¶ See subject description, p. 170.

**Although they are not compulsory subjects, it is strongly recommended that students take 15.331 Economic History I and either 12.001 Psychology I or 53.111 Sociology I (or 53.121 Sociology IT). 15.401 Business Statistics, which is a compulsory subject, may be postponed until a later year and 53.111 Sociology I or 53.121 Sociology IT taken as Economics Option I or as Humanities I and II.

TABLE XIX

**BACHELOR OF COMMERCE—PASS DEGREE
INDUSTRIAL RELATIONS†—PART-TIME COURSE**

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I¶	3	1
Year 2**			
15.401	Business Statistics	2	1
	<i>Plus one of the following three subjects:</i>		
12.001	Psychology I	3	2
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 3			
15.102	Economics II	2	2
	Humanities I*	1	½
	Humanities II*	1	½
Year 4			
15.502	Industrial Relations I	1	2
15.552	Industrial Law I	2	0
Year 5			
15.103	Economics III	1	1
15.503	Industrial Relations II	1	2
Year 6			
15.553	Industrial Law II <i>or</i>	2	0
12.651	Psychology (Industrial Relations)	3	0
	Economics Option I†	2	0
	Economics Option II†	2	0

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

‡ Students who have passed 12.101 Psychology before March 1968 will be exempted from 12.001 Psychology I.

¶ See subject description, p. 170.

**Although they are not compulsory subjects, it is strongly recommended that students take 15.331 Economic History I and either 12.001 Psychology I or 53.111 Sociology I (or 53.121 Sociology IT). 15.401 Business Statistics, which is a compulsory subject, may be postponed until a later year and 53.111 Sociology I or 53.121 Sociology IT taken as Economics Option I or as Humanities I and II.

TABLE XX

**BACHELOR OF COMMERCE—HONOURS DEGREE
INDUSTRIAL RELATIONS†—FULL-TIME COURSE**

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1**			
14.111	Accounting I	2	2
15.101	Economics I¶	3	1
15.401	Business Statistics	2	1
<i>Plus one of the following three subjects:</i>			
12.001	Psychology I	3	2
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 2			
15.102	Economics II <i>or</i>		
15.112	Economics II (Honours)	2	2
15.512	Industrial Relations I (Honours)	2	2
15.552	Industrial Law I	2	0
	Humanities I*	1	½
	Humanities II*	1	½
Year 3			
15.103	Economics III <i>or</i>		
15.113	Economics III (Honours)	1	1
15.513	Industrial Relations II (Honours)	1	3
12.651	Psychology (Industrial Relations) <i>or</i>	3	0
15.553	Industrial Law II	2	0
	Economics Option I†	2	0
	Economics Option II†	2	0
Year 4			
15.504	Industrial Relations III	4	0
15.194	Thesis	2	0

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

‡ Students who have passed 12.101 Psychology before March 1968 will be exempted from 12.001 Psychology I.

¶ See subject description, p. 170.

** Although they are not compulsory subjects, it is strongly recommended that students take 15.331 Economic History I and either 12.001 Psychology I or 53.111 Sociology I (or 53.121 Sociology IT). 15.401 Business Statistics, which is a compulsory subject, may be postponed until a later year and 53.111 Sociology I or 53.121 Sociology IT taken as Economics Option I or as Humanities I and II.

TABLE XXI

**BACHELOR OF COMMERCE—HONOURS DEGREE
INDUSTRIAL RELATIONS†—PART-TIME COURSE**

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I¶	3	1
Year 2**			
15.401	Business Statistics	2	1
	<i>Plus one of the following three subjects:</i>		
12.001	Psychology I	3	2
15.331	Economic History I	2	1
54.111	Political Science I	2½	1
Year 3			
15.102	Economics II <i>or</i>		
15.112	Economics II (Honours)	2	2
15.512	Industrial Relations I (Honours)	2	2
Year 4			
15.103	Economics III <i>or</i>		
15.113	Economics III (Honours)	1	1
15.552	Industrial Law I	2	0
	Humanities I*	1	½
Year 5			
15.513	Industrial Relations II (Honours)	1	3
12.651	Psychology (Industrial Relations) <i>or</i>	3	0
15.553	Industrial Law II	2	0
	Humanities II*	1	½
Year 6			
15.504	Industrial Relations III	4	0
Year 7			
15.194	Thesis	2	0
	Economics Option I†	2	0
	Economics Option II†	2	0

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

‡ Students who have passed 12.101 Psychology before March 1968 will be exempted from 12.001 Psychology I.

¶ See subject description, p. 170.

**Although they are not compulsory subjects, it is strongly recommended that students take 15.331 Economic History I and either 12.001 Psychology I or 53.111 Sociology I (or 53.121 Sociology II). 15.401 Business Statistics, which is a compulsory subject, may be postponed until a later year and 53.111 Sociology I or 53.121 Sociology II taken as Economics Option I or as Humanities I and II.

TABLE XXII

**BACHELOR OF COMMERCE—PASS DEGREE
APPLIED PSYCHOLOGY—FULL-TIME COURSE**

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
12.001	Psychology I	3	2
14.111	Accounting I	2	2
15.101	Economics I¶	3	1
	Humanities I*	1	$\frac{1}{2}$
Year 2			
12.012	Psychology II	3	5
15.102	Economics II	2	2
	Humanities II*	1	$\frac{1}{2}$
	Economics Option I†	2	0
Year 3			
12.013	Psychology III§	4	5
15.103	Economics III	1	1
	Economics Option II†	2	0
	General Option‡	2	0

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

‡ See Rule 8.

§ Students are required to undertake such additional field work and clinical studies, averaging two hours per week, as may be prescribed by the Head of the School of Applied Psychology.

¶ See subject description, p. 170.

TABLE XXIII

BACHELOR OF COMMERCE—PASS DEGREE
APPLIED PSYCHOLOGY—PART-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I¶	3	1
Year 2			
12.001	Psychology I	3	2
	Humanities I*	1	$\frac{1}{2}$
Year 3			
15.102	Economics II	2	2
	Economics Option I†	2	0
Year 4			
12.012	Psychology II	3	5
15.103	Economics III	1	1
Year 5			
12.013	Psychology III§	4	5
Year 6			
	General Option‡	2	0
	Economics Option II†	2	0
	Humanities II*	1	$\frac{1}{2}$

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

‡ See Rule 8.

§ Students are required to undertake such additional field work and clinical studies, averaging two hours per week, as may be prescribed by the Head of the School of Applied Psychology.

¶ See subject description, p. 170.

TABLE XXIV

BACHELOR OF COMMERCE—HONOURS DEGREE
APPLIED PSYCHOLOGY—FULL-TIME COURSE

Min. hours per week for 2 sessions
Lectures Tutorials

Year 1

12.001	Psychology I	3	2
14.111	Accounting I	2	2
15.101	Economics I 	3	1
	Humanities I*	1	$\frac{1}{2}$

Year 2

12.012	Psychology II	3	5
15.112	Economics II (Honours)§	2	2
	Humanities II*	1	$\frac{1}{2}$
	Economics Option†	2	0

Year 3

12.013	Psychology III**	4	5
15.113	Economics III (Honours)¶	1	1
	General Option‡	2	0

Year 4

12.024	Psychology	2	4
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‡ See Rule 8.

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

§ Subject to the approval of the Head of School, this subject may be replaced by 15.102 Economics II where specific honours work is prescribed in another subject.

¶ Subject to the approval of the Head of School, this subject may be replaced by 15.103 Economics III where specific honours work is prescribed in another subject.

**Students are required to undertake such additional field work and clinical studies, averaging two hours per week, as may be prescribed by the Head of the School of Applied Psychology.

|| See subject description, p. 170.

TABLE XXV

**BACHELOR OF COMMERCE—HONOURS DEGREE
APPLIED PSYCHOLOGY—PART-TIME COURSE**

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I 	3	1
Year 2			
12.001	Psychology I	3	2
	Humanities I*	1	$\frac{1}{2}$
Year 3			
15.112	Economics II (Honours)§	2	2
	Humanities II*	1	$\frac{1}{2}$
	Economics Option†	2	0
Year 4			
12.012	Psychology II	3	5
15.113	Economics III (Honours)¶	1	1
Year 5			
12.013	Psychology III**	4	5
	General Option‡	2	0
Year 6			
12.024	Psychology	2	4

* See Rule 7.

† To be chosen from the Economics Options listed in Rule 16.

‡ See Rule 8.

§ Subject to the approval of the Head of School, this subject may be replaced by 15.102 Economics II where specific honours work is prescribed in another subject.

¶ Subject to the approval of the Head of School, this subject may be replaced by 15.103 Economics III where specific honours work is prescribed in another subject.

**Students are required to undertake such additional field work and clinical studies, averaging two hours per week, as may be prescribed by the Head of the School of Applied Psychology.

|| See subject description, p. 170.

16. Economics Options

The Economics Options referred to in the Tables in Rule 15 may be chosen from the two groups listed below subject to the conditions set out in Rule 17. (Subjects selected from this list in accordance with the requirements for Economics Options in the courses set out in Rule 15 shall be called successively Economics Option I, Economics Option II, Economics Option III and Economics Option IV.)

GROUP I†

	<i>Subject</i>	<i>Hours per week</i>
10.001	Mathematics I*	6
10.011	Higher Mathematics I*	6
10.021	Mathematics IT*	6
10.111	Pure Mathematics II 	6
10.121	Higher Pure Mathematics II 	7½
10.911	Mathematics II 	6
10.921	Higher Mathematics II 	7½
10.112	Pure Mathematics III 	**
10.122	Higher Pure Mathematics III 	**
10.912	Mathematics III 	8
10.922	Higher Mathematics III 	10
10.311	Theory of Statistics II‡	7
10.321	Higher Theory of Statistics II‡	8
10.312	Theory of Statistics III 	8
10.322	Higher Theory of Statistics III 	9
12.001	Psychology I*	5
12.012	Psychology II	8
14.112	Accounting II	4
14.113	Accounting III	4
14.221	Commercial Law I*	3
14.222	Commercial Law II§	2
14.212	Administrative Law§	2
14.322	Data Processing and Information Systems¶	2
14.332	Operations Research in Business***	2

* Introductory subjects, see Rule 17(i). Students who wish to enrol in these subjects must satisfy any pre-University requirements prescribed by the School offering the subject.

† For details of subjects not described in this *Handbook*, refer to the University Calendar or to the *Handbook* of the appropriate Faculty.

‡ Only students who have passed 10.001 Mathematics I or 10.011 Higher Mathematics I, or have obtained Credit or Higher in 10.021 Mathematics IT, may take this option.

§ See Rule 13(v).

|| Students wishing to take this subject should consult the Head of the School of Economics.

** Dependent on the number of units taken.

¶ See Rule 13(iii).

*** See Rule 13(vi).

	<i>Subject</i>	<i>Hours per week</i>
15.331	Economic History I*	3
15.332	Economic History II	3
15.422	Statistical Inference	4
15.423	Multivariate Analysis	2
15.433	Applied Statistics	4
15.471	Mathematics for Commerce*	6
15.502	Industrial Relations I*	3
15.552	Industrial Law I*	2
15.553	Industrial Law II	2
27.041	Geography IA*	4½
27.042	Geography IIA	5
27.052	Geography IIA (Honours)	6
27.043	Geography IIIA	6
27.053	Geography IIIA (Honours)	7
51.111	History IA*	3
51.121	History IB*	3
51.112	History IIA	3
51.132	History IIB	3
51.122	History II (Honours)	4
51.113	History IIIA	3
51.123	History IIIA (Honours)	4
51.133	History IIIB	3
52.111	Philosophy I*	4
52.112	Philosophy II	4
52.122	Philosophy II (Honours)	5
52.113	Philosophy IIIA	4
52.123	Philosophy IIIA (Honours)	6
53.111	Sociology I*	4
53.112	Sociology II	4½
53.121	Sociology IT	3
53.122	Sociology II (Honours)	6½
54.111	Political Science I*	3½
54.112	Political Science II	3
54.122	Political Science II (Honours)	5
54.113	Political Science IIIA	3
54.123	Political Science IIIA (Honours)	5
GROUP II†		
15.194	Thesis	2
15.213	History of Economic Thought	2
15.223	Comparative Economic Systems	2

* Introductory subjects, see Rule 17(i), and footnote on previous page.

† Not all these subjects will necessarily be offered each year.

15.233	Public Finance and Financial Policy	2
15.243	Economic Development	2
15.253	Economics of Industry and Labour	2
15.263	International Economics	2
15.333	Economic History III	4
15.434	Econometrics	3
15.443	Mathematical Economics	2
15.503	Industrial Relations II	3

17. Rules for Progression and Prerequisite Subjects in the School of Economics

The choice of Economics Options from Groups I and II in Rule 16 is subject to the following conditions:

- (i) Only one introductory subject (subjects without prerequisites as indicated in the table by an asterisk) may be chosen from Group I except that students who first enrolled in the Economics Course before 1965 or who transferred to the Economics Course before 1966 may choose up to two introductory subjects from Group I.
- (ii) Unless special permission to the contrary is granted by the Head of the School of Economics, students in the Economics Course must choose at least two subjects from Group II. Permission will be readily granted to students who elect to take two or more mathematics subjects from Group I (see also vii below)
- (iii) Only one of the subjects from each of the following pairs will count towards the Degree:

10.001 Mathematics I and	15.471 Mathematics for Commerce
15.401 Business Statistics and	15.422 Statistical Inference
15.501 General Law and	14.221 Commercial Law I.
*14.221 Commercial Law I and	15.552 Industrial Law I
- (iv) Part I of any subject is a prerequisite for Part II of that subject and Part II is a prerequisite for Part III.
- (v) In addition to the general prerequisite condition set out in (iv) the following table of prerequisites also applies. Subject to Rule 4 and before enrolling in any subject in the left-hand column a student must have passed in the prerequisite subject(s) listed in the right-hand column.

* 14.221 Commercial Law I taken prior to 1972 may be counted together with 15.552 Industrial Law I.

<i>Subject</i>	<i>Prerequisite</i>
All Group II subjects in Rule 16	15.102 Economics II <i>and</i> 15.103 Economics III (Co-requisite)
15.402 Econometric Methods	15.101 Economics I <i>and</i> 15.401 Business Statistics <i>or</i> 15.422 Statistical Inference
15.422 Statistical Inference	10.001 Mathematics I <i>or</i> 10.011 Higher Mathematics I <i>or</i> 10.021 Mathematics II <i>or</i> 15.471 Mathematics for Commerce
15.423 Multivariate Analysis	15.422 Statistical Inference
15.433 Applied Statistics*	15.422 Statistical Inference <i>and</i> 15.423 Multivariate Analysis
15.434 Econometrics	15.422 Statistical Inference <i>and</i> 15.423 Multivariate Analysis
15.443 Mathematical Economics	<i>Either</i> 10.001 Mathematics I <i>and</i> 10.111 Pure Mathematics II <i>or</i> 10.121 Higher Pure Mathematics II <i>or</i> 10.911 Mathematics II <i>or</i> 10.921 Higher Mathematics II <i>or</i> 15.471 Mathematics for Commerce

- (vi) A student who passed one of the following subjects before March 1967 will be deemed to have passed in two Economics Options and a student who passed in two of these subjects before March 1967 will be deemed either to have passed in four Economics Options or in the first year elective and three Economics Options.

<i>Subject</i>	<i>Hours per week</i>
10.001 Mathematics I	6
10.111 Pure Mathematics II	5
10.121 Pure Mathematics II (Higher)	6
10.112 Pure Mathematics III	5
10.122 Pure Mathematics III (Higher)	7
10.311 Theory of Statistics I	7
10.321 Theory of Statistics I (Higher)	8
10.312 Theory of Statistics II	8
10.322 Theory of Statistics II (Higher)	9
15.471 Mathematics for Commerce	6

- (vii) If a student in the Economics courses passes 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II or 10.311 Theory of Statistics I or 10.321 Higher Theory of Statistics I he or she will be exempted from the General Option. If a student in the Economics or Statistics courses passes 10.112 Pure Mathematics III or 10.122

* 15.433 Applied Statistics and 15.423 Multivariate Analysis are co-requisite in Year 3 of the full-time course in Statistics.

Higher Pure Mathematics III or 10.912 Mathematics III or 10.922 Higher Mathematics III he or she may count it as two Economics Options.

Both 10.111 Pure Mathematics II and 10.911 Mathematics II cannot be taken for credit.

- (viii) Honours students who choose mathematical subjects need not take them at Honours standard. However, subject to the permission of the Head of the School of Mathematics, they may take 10.111 Pure Mathematics II or 10.911 Mathematics II and 10.112 Pure Mathematics III or 10.912 Mathematics III at Honours standard.
- (ix) Students who take a Mathematics Option as part of their first year (or second stage) programme, and where their course does not prescribe that they must proceed to 15.422 Statistical Inference, are strongly advised to proceed to 15.422 Statistical Inference. It should also be noted that 10.001 Mathematics I and 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II or 15.471 Mathematics for Commerce are prerequisites for 15.443 Mathematical Economics. However, 10.011 Higher Mathematics I is not available in the evening and so cannot be attended by most part-time students.

18. Transition Arrangements — School of Economics (affecting students who first enrolled prior to 1963)

Students who have discontinued their courses but are re-admitted after 1965 must complete the requirements for the degree as set out in one of the Tables VI to XXV. They will not be treated as transition students. However, they may apply to the Head of the School of Economics for exemption from one or more subjects in recognition of subjects passed prior to 1963.

SCHOOL OF MARKETING

19. Courses in Marketing

Subject to Rule 6, the degree requirements for the course in Marketing are set out in tabular form as follows:

Table XXVI	Pass Degree. Marketing—Full-time Course.
Table XXVII	Pass Degree. Marketing—Part-time Course.
Table XXVIII	Honours Degree. Marketing—Full-time Course.
Table XXIX	Honours Degree. Marketing—Part-time Course.

TABLE XXVI

BACHELOR OF COMMERCE—PASS DEGREE
MARKETING—FULL-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
14.221	Commercial Law I	2	1
15.101	Economics I†	3	1
	<i>Plus any one of</i>		
10.001	Mathematics I	4	2
15.401	Business Statistics*	2	1
15.471	Mathematics for Commerce	4	2
Year 2			
15.102	Economics II	2	2
28.104	Marketing Models and Systems	4	0
28.103	Behavioural Science	4	0
	Special Option I: <i>One of the following:</i>		
14.112	Accounting II	2	2
14.321	Business Finance	2	0
15.422	Statistical Inference	3	1
53.121	Sociology IT	2	1
	<i>or Any other approved University subject</i>		
Year 3			
15.103	Economics III	1	1
28.113	Marketing Management	2	2
28.133	Marketing Research	3	0
	Humanities I†	1	$\frac{1}{2}$
	Humanities II†	1	$\frac{1}{2}$
	Special Option II: <i>One of the following:</i>		
14.402	Organization Theory	2	0
15.433	Applied Statistics	4	0

* Students who do not take 15.401 Business Statistics must take 15.422 Statistical Inference or 15.401 Business Statistics as Special Option I.

† See Rule 7.

‡ See subject description, p. 170.

TABLE XXVII

BACHELOR OF COMMERCE—PASS DEGREE
MARKETING—PART-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I†	3	1
Year 2			
14.221	Commercial Law I	2	1
	<i>Plus any one of</i>		
10.001	Mathematics I	4	2
15.401	Business Statistics*	2	1
15.471	Mathematics for Commerce	4	2
Year 3			
15.102	Economics II	2	2
28.104	Marketing Models and Systems	4	0
Year 4			
28.103	Behavioural Science	4	0
	Humanities I†	1	$\frac{1}{2}$
	Special Option I: <i>One of the following:</i>		
14.112	Accounting II	2	2
14.321	Business Finance	2	0
15.422	Statistical Inference	3	1
53.121	Sociology IT	2	1
	<i>or Any other approved University subject</i>		
Year 5			
15.103	Economics III	1	1
28.133	Marketing Research	3	0
	Humanities II†	1	$\frac{1}{2}$
Year 6			
28.113	Marketing Management	2	2
	Special Option II: <i>One of the following:</i>		
14.402	Organization Theory	2	0
15.433	Applied Statistics	4	0

* Students who do not take 15.401 Business Statistics must take 15.422 Statistical Inference or 15.401 Business Statistics as Special Option I.

† See Rule 7.

‡ See subject description, p. 170.

TABLE XXVIII

BACHELOR OF COMMERCE—HONOURS DEGREE
MARKETING—FULL-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
14.221	Commercial Law I	2	1
15.101	Economics I†	3	1
	<i>Plus any one of</i>		
15.401	Business Statistics*	2	1
10.001	Mathematics I	4	2
15.471	Mathematics for Commerce	4	2
Year 2			
15.102	Economics II	2	2
28.104	Marketing Models and Systems	4	0
28.103	Behavioural Science	4	0
	Special Option I:—		
	<i>One of the following:</i>		
14.112	Accounting II	2	2
14.321	Business Finance	2	0
15.422	Statistical Inference	3	1
53.121	Sociology II	2	1
	<i>or Any other approved University subject</i>		
Year 3			
15.103	Economics III	1	1
28.113	Marketing Management	2	2
28.133	Marketing Research	3	0
28.143	Marketing Research (Honours)	1	0
	Humanities I†	1	$\frac{1}{2}$
	Humanities II†	1	$\frac{1}{2}$
	Special Option II: <i>One of the following:</i>		
14.402	Organization Theory	2	0
15.433	Applied Statistics	4	0
Year 4			
28.205	Methods of Marketing Research	2	0
28.202	Comparative Marketing Systems	2	0
28.203	Seminar in Marketing Theory I	2	0
28.204	Thesis	2	0

* Students who do not take 15.401 Business Statistics must take 15.422 Statistical Inference or 15.401 Business Statistics as Special Option I.

† See Rule 7.

‡ See subject description, p. 170.

TABLE XXIX

BACHELOR OF COMMERCE—HONOURS DEGREE
MARKETING—PART-TIME COURSE

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I†	3	1
Year 2			
14.221	Commercial Law I	2	1
	<i>Plus any one of</i>		
15.401	Business Statistics*	2	1
10.001	Mathematics I	4	2
15.471	Mathematics for Commerce	4	2
Year 3			
15.102	Economics II	2	2
28.104	Marketing Models and Systems	4	0
Year 4			
28.103	Behavioural Science	4	0
	Humanities I†	1	½
	Special Option I: <i>One of the following:</i>		
14.112	Accounting II	2	2
14.321	Business Finance	2	0
15.422	Statistical Inference	3	1
53.121	Sociology I†	2	1
	<i>or Any other approved University subject</i>		
Year 5			
15.103	Economics III	1	1
28.133	Marketing Research	3	0
28.143	Marketing Research (Honours)	1	0
	Humanities II†	1	½
Year 6			
28.113	Marketing Management	2	2
28.205	Methods of Marketing Research	2	0
	Special Option II: <i>One of the following:</i>		
14.402	Organization Theory	2	0
15.433	Applied Statistics	4	0
Year 7			
28.202	Comparative Marketing Systems	2	0
28.203	Seminar in Marketing Theory I	2	0
28.204	Thesis	2	0

* Students who do not take 15.401 Business Statistics must take 15.422 Statistical Inference or 15.401 Business Statistics as Special Option I.

† See Rule 7.

‡ See subject description, p. 170.

LAW

Courses for the Degree of Bachelor of Commerce/Bachelor of Laws

With the establishment of the Faculty of Law, the University has instituted a course leading to the combined degree of B.Com./LL.B. The Bachelor of Commerce may be taken either as a pass or honours degree, the combined degree taking five or six years respectively. Students wishing to take the Bachelor of Commerce as an honours degree must consult the Head of the School in which they wish to study for honours before enrolling in the second year of the course.

The Bachelor of Laws degree may be combined with a Bachelor of Commerce specializing in Accountancy, Economics or Industrial Relations. In the modern world of business and administration there is a need in many fields for the combined professional skills of accountancy and law. The most obvious of these is the broad field of taxation practice, already drawing on both accounting and legal specialists for such matters as estate planning and taxation aspects of business reorganizations. With the growing complexity of commerce, including international business activities and large-scale corporate organization, there is a new and urgent need for graduates who are well versed in a wide range of legal subjects as well as in accounting and commerce generally. These graduates may enter large companies as full-time advisors or undertake specialized professional practice. In the public sector also the increasing scale and complexity of governmental undertakings opens up a significant range of opportunities leading to senior administrative positions. Apart from specific career considerations, there is no doubt that accounting and law are complementary studies which provide a demanding but worthwhile course for the able student.

The combination of the Economics specialization and Law is not designed with the needs of any particular professional group in mind, but these skills are valuable in many vocations, particularly in the Public Service.

The growing complexity of industrial relations in Australia highlights the need for people wishing to become industrial advocates to have a solid grounding in economics, psychology, sociology and industrial relations, as well as in law. The combined degree of Bachelor of Commerce (Industrial Relations) and Bachelor of Laws is therefore recommended for people who hope to practise law in the industrial jurisdiction.

20. Rules Relating to the Degree of Bachelor of Commerce/ Bachelor of Laws

General Rules and Rules relating to the Degree of Bachelor of Commerce, as set out in other sections of this Handbook, shall apply wherever relevant to candidates for the Degree of Bachelor of Commerce/Bachelor of Laws.

Candidates for the combined Commerce/Laws degree shall only be awarded both degrees simultaneously on completion of the five-year programme. Candidates who discontinue the joint programme before its completion may apply to the Faculty of Commerce and be credited with such subjects as the relevant School deems appropriate.

Students requiring admission to the course leading to the combined Commerce/Laws degree shall be required to meet the normal Faculty of Commerce prerequisites for entry.

Candidates for honours in the Commerce course must complete one year additional to the minimum of five years required for the pass Commerce/Laws degree.

21. Courses in Bachelor of Commerce (Accountancy, Economics, Industrial Relations)/Bachelor of Laws combined degree

Subject to Rule 6, the Degree requirements are set out in tabular form as follows:

Table XXX	Pass Degree. Bachelor of Commerce (Accountancy)/ Bachelor of Laws.
Table XXXI	Pass Degree. Bachelor of Commerce (Economics)/ Bachelor of Laws.
Table XXXII	Pass Degree. Bachelor of Commerce (Industrial Relations)/Bachelor of Laws.

TABLE XXX

BACHELOR OF COMMERCE (ACCOUNTANCY)/
BACHELOR OF LAWS

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I*	3	1
15.401	Business Statistics	2	1
90.111	The Legal System I	4	0
90.711	Legal Research and Writing Programme	0	2
Year 2			
14.112	Accounting II	2	2
15.102	Economics II	2	2
90.121	Common Law I	4	0
90.211	Public Law I	4	0
Year 3			
14.113	Accounting III	2	2
15.103	Economics III	1	1
	Approved Group A Accounting Option†	2	0
	Law subjects approved by the Law Faculty totalling 12 credit points and including a Business Law unit covering corporation law	8	0
Year 4			
	Law subjects as determined by the Faculty of Law‡	8	0
Year 5			
	Law subjects as determined by the Faculty of Law‡	8	0

* See subject description, p. 170.

† The approved accounting option shall not be 14.201 Taxation Law & Practice, or 14.222 Commercial Law II.

‡ At least two electives are to be selected in the area of Business Law, unless approval is received to the contrary, which will be given in exceptional circumstances only.

Note: Students who wish to take the B.Com. Honours Degree must take 14.122 Accounting II (Hons) and 14.123 Accounting III (Hons) in lieu of 14.112 and 14.113 and must interpolate an honours year in Accounting between Years 3 and 4 of the above programme.

TABLE XXXI

BACHELOR OF COMMERCE (ECONOMICS)/
BACHELOR OF LAWS

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I*	3	1
15.401	Business Statistics	2	1
90.111	The Legal System I	4	0
90.711	Legal Research and Writing Programme	0	2
Year 2			
15.102	Economics II	2	2
15.402	Econometric Methods	2	1
90.121	Common Law I	4	0
90.211	Public Law I	4	0
Year 3			
15.103	Economics III	1	1
	Economics Options I & II—to be chosen from the list of Group II Options in Rule 16	2	0
	Law subjects approved by the Law Faculty totalling 12 credit points ...	8	0
Year 4			
	Law subjects as determined by the Faculty of Law	8	0
Year 5			
	Law subjects as determined by the Faculty of Law	8	0

* See subject description, p. 170.

Note: Students who wish to take the B.Com. Honours Degree must take 15.112 Economics II and 15.113 Economics III in lieu of 15.102 and 15.103 and must interpolate an honours year in Economics between Years 3 and 4 of the above programme.

TABLE XXXII

BACHELOR OF COMMERCE (INDUSTRIAL RELATIONS)/
BACHELOR OF LAWS

		Min. hours per week for 2 sessions	
		Lectures	Tutorials
Year 1			
14.111	Accounting I	2	2
15.101	Economics I*	3	1
15.401	Business Statistics	2	1
90.111	The Legal System I	4	0
90.711	Legal Research and Writing Programme	0	2
Year 2			
15.102	Economics II	2	2
15.502	Industrial Relations I	1	2
90.121	Common Law I	4	0
90.211	Public Law I	4	0
Year 3			
15.103	Economics III	1	1
15.503	Industrial Relations II	1	2
	Economics Option—to be chosen from the list in Rule 16†	2	0
	Law subjects approved by the Law Faculty totalling 12 credit points ...	8	0
Year 4			
	Law subjects as determined by the Faculty of Law†	8	0
Year 5			
	Law subjects as determined by the Faculty of Law†	8	0

* See subject description, p. 170.

† The approved Economics option shall not be:

- 14.221 Commercial Law I
- 14.222 Commercial Law II
- 15.552 Industrial Law I
- 15.553 Industrial Law II

Note: Students who wish to take the B.Com. Honours Degree must take 15.512 Industrial Relations I and 15.513 Industrial Relations II in lieu of 15.502 and 15.503 and must interpolate an honours year in Industrial Relations between Years 3 and 4 of the above programme.

Note: At least three law electives are to be selected in the area of Labour Law, unless approval is received to the contrary. This will be given in exceptional cases only.

HIGHER DEGREES

DOCTOR OF PHILOSOPHY

This is an advanced research degree. Full details of the conditions are set out in the *University Calendar*.

CONDITIONS FOR THE AWARD OF THE DEGREE OF MASTER OF COMMERCE

1. An application to register as a candidate for the degree of Master of Commerce shall be made on the prescribed form which shall be lodged with the Registrar at least two full calendar months before the commencement of the session in which the candidate desires to register.

2. (i) An applicant for registration for the degree shall have been admitted to the degree of Bachelor of Commerce in the University of New South Wales or to an appropriate degree of any other approved University.

(ii) In special circumstances a person may be permitted to register as a candidate for the degree if he submits evidence of such academic and professional attainments as may be approved by the Faculty of Commerce (hereinafter referred to as "the Faculty") on the recommendation of its Higher Degree Committee.

3. Notwithstanding any other provisions of these conditions the Faculty may require an applicant to demonstrate fitness for registration by carrying out such work and sitting for such examinations as the Faculty may determine.

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

5. An approved applicant shall register in one of the following categories:

- (i) student in full-time attendance at the University;
- (ii) student in part-time attendance at the University;
- (iii) student working externally to the University;

and shall pay such fees as may be determined from time to time by the Council.* Registration as a student working externally will be permitted only in cases where adequate arrangements can be made for external supervision. Course work cannot be taken externally.

* See under Postgraduate Course fees.

6. The requirements for the Degree of Master of Commerce may be satisfied in either of two ways. Candidates who have a distinguished first degree and who provide evidence of research ability may be permitted to present themselves for examination by thesis only. Other candidates shall be required to follow a programme which places less emphasis on research and more on formal instruction.

7. A candidate presenting himself for examination by thesis only shall, upon application for registration, submit the title and outline of the proposed field of research. The research and investigation shall be carried out under the direction of a supervisor appointed by the Faculty and the results thereof shall be embodied in a thesis. No candidate shall be considered for the award of the degree until the lapse of four sessions 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 previous research experience, this period may, with the approval of the Faculty, be reduced by up to two sessions.

8. A candidate following a formal course of study leading to the degree shall:—

- (i) undertake a course of formal study prescribed by Faculty as set out in the "Course Requirements for the Master of Commerce Degree", save that a candidate who has obtained an appropriate degree at the honours level may be given credit for honours course work. The course of formal study will extend over two full-time or three part-time years;
- (ii) except in exceptional circumstances pass at the first attempt all examinations prescribed by the Faculty;
- (iii) submit a report on a topic approved by Faculty. The report will normally be submitted at the end of the second full-time or third part-time year.
- (iv) obtain an average of credit or better in the subjects listed below in respect of the school or department in which he is pursuing his studies as a condition for proceeding to completion of the degree, providing that a candidate who has passed at a standard below the required average may be permitted to present again such subject or subjects as the head of school or department approves. The subjects referred to above are:

School of Accountancy:

- 14.163/1 Financial Accounting Theory
AND
14.901G Corporate Organization and Accounting
OR
14.163/2 Managerial Accounting Theory
AND
14.902G Financial Management and Control

School of Economics:

- Economics Graduate Course—
15.143G Economic Theory A
15.144G Economic Theory B
Econometrics Graduate Course—
15.434 Econometrics
15.443 Mathematical Economics

SCHOOL OF MARKETING

- 28.203 Seminar in Marketing Theory I

9. (i) Every candidate shall submit three copies of the thesis or report. All copies shall be presented in a form which complies with the requirements of the University for the preparation and submission of higher degree theses.† A candidate may submit also for examination any work he has published whether or not such work is related to the thesis.
- (ii) It shall be understood that the University retains the three copies of the thesis or report submitted for examination and is free to allow the thesis or report to be consulted or borrowed. Subject to the provisions of the Copyright Act 1968 the University may issue the thesis or report in whole or in part, in photostat or microfilm or other copying medium.
10. For each candidate's thesis or report there shall be two examiners appointed by the Professorial Board on the recommendation of the Faculty, one of whom shall, in the case of a thesis, be an external examiner.

† See p. 130.

CONDITIONS FOR THE AWARD OF THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION

1. An application to register as a candidate for the degree of Master of Business Administration shall be made on the prescribed form, which shall be lodged with the Registrar by the thirty-first day of August of the year preceding that year in which the candidate desires to commence the course.
2. An applicant for registration for the degree of Master of Business Administration—
 - (i) shall have been admitted to a degree in the University of New South Wales or other approved university;
 - (ii) may be required if deemed necessary by the Faculty of Commerce (hereinafter referred to as the "Faculty") to complete such preliminary courses at a requisite standard at the University of New South Wales or other approved university as from time to time may be approved by the Faculty on the recommendation of the Graduate School of Business;
 - (iii) shall have satisfied the Faculty that he is fitted to undertake postgraduate study in business administration.
3. In special circumstances a person may be permitted to register as a candidate for the degree if he submits evidence of such academic and professional attainments as may be approved by the Faculty on the recommendation of its Higher Degree Committee.
4. Notwithstanding any other provision of these conditions, the Faculty may require an applicant to demonstrate his fitness for registration by carrying out such work and passing such examinations as the Faculty may determine.
5. An approved applicant shall pay such fees as may be determined from time to time by the Council.†
6. To qualify for the degree a candidate shall—
 - (i) undertake the formal course of study which, if undertaken on a full-time basis, shall normally be completed within two years, or if undertaken on a part-time basis, shall normally be completed within three years;
 - (ii) in any case in which the Faculty is satisfied that the candidate has completed a course of studies substantially

† See under Postgraduate Course fees.

equivalent to any subject or subjects in the Master of Business Administration programme, undertake alternative studies as approved by the Chairman of the Graduate School of Business;

- (iii) except in exceptional circumstances pass at the first attempt all examinations prescribed by Faculty.

7. A candidate may be required to attend for oral examination.

CONDITIONS FOR THE AWARD OF THE GRADUATE DIPLOMA IN ADMINISTRATION

1. An application to register as a candidate shall be made on the prescribed form which shall be lodged with the Registrar at least two full calendar months before commencement of the course.
2. An applicant for registration for the Graduate Diploma in Administration—
 - (i) shall have been admitted to a degree in the University of New South Wales or other approved university or possess such professional qualifications as are approved by the Board of Graduate Studies in Business.
 - (ii) shall have satisfied the Board of Graduate Studies in Business that he has had adequate professional experience prior to his registering for admission to the course.
3. In special circumstances a person may be permitted to register as a candidate for the diploma if he submits evidence of such academic and professional attainments as may be approved by the Board of Graduate Studies in Business.
4. Notwithstanding any other provision of these conditions the Professorial Board may, on the recommendation of the Board of Graduate Studies in Business, require an applicant to demonstrate his fitness for registration by carrying out such work and passing such examinations as the Board may determine.
5. To qualify for the award a candidate shall—
 - (i) undertake the appropriate course of formal study which shall normally be completed within two years.
 - (ii) pass all prescribed examinations normally at the first attempt.
6. An approved applicant shall be required to pay the fees for the course. Fees shall be paid in advance.

PREPARATION AND SUBMISSION OF THESES FOR HIGHER DEGREES*

1. Every candidate for the degree of Master shall submit to the Registrar three copies of the thesis and supporting work. All copies of the thesis shall include a summary of approximately 200 words and a certificate signed by the candidate to the effect that the work has not been submitted for a higher degree to any other University or institution.
2. Every candidate for the degree of Doctor of Philosophy shall submit to the Registrar four copies of the thesis and supporting work. All copies of the thesis shall contain a short abstract of the thesis comprising not more than 300 words.
3. Every candidate for the degree of Doctor of Medicine shall submit to the Registrar four copies of the thesis and supporting work. All copies of the thesis shall contain a short abstract of the thesis comprising not more than 400 words which *inter alia* shall indicate wherein the thesis has made an original contribution.
4. The specifications currently approved for higher degree theses are as follows:
 - (a) All copies of the thesis shall be in double-spaced type-script.
 - (b) The size of the paper shall be quarto (approximately 10 in. x 8 in.) except for drawings and maps on which no restriction is placed.
 - (c) The margins on each sheet shall be not less than $1\frac{1}{2}$ in. on the left-hand side, $\frac{1}{2}$ in. on the right-hand side, 1 in. at the top and $\frac{3}{4}$ in. at the bottom.
 - (d) There shall be a title sheet showing thesis title, author's name, degree and date of submission.
 - (e) Pages shall be numbered consecutively.
 - (f) Diagrams, charts, etc., must not be submitted on the back of typed sheets.

Unless otherwise specifically instructed by the supervisor, diagrams, charts, etc., should be included where possible with the text, facing the page on which reference to them is made, otherwise they may be clearly referred to in the text, numbered and folded for insertion in a

* Not applicable to the M.B.A.

pocket on the back inside cover of the thesis binding. Folded diagrams or charts included in the text should be arranged so as to open out to the top and right.

5. The original copy of the thesis for deposit in the Library shall be bound in accordance with the following specifications:—

The thesis shall be bound in boards, covered with blue or green bookcloth or buckram, or other binding fabric. The bound volume shall be lettered on the spine as follows:

- (a) At the bottom and across — UNSW or if the volume is too thin for this — U

NSW

- (b) $2\frac{1}{2}$ in. from the bottom and across, with the degree and year of the thesis, for example—

MSc

1960

- (c) Evenly spaced between the statement of the degree and the year and the top of the spine the name of the author, first initials and then the surname, reading upwards in one line.

No further lettering or any decoration is required on the spine or anywhere else on the binding. In the binding of theses which include mounted photographs, folded graphs and so on, leaves at the spine shall be packed to ensure even thickness of the volume. The Library copy of the thesis shall be bound by one of a panel of approved bookbinders, each of whom is aware of the University's requirements. Names of approved bookbinders may be secured from the Examinations Branch.

The other copies of the thesis shall be bound in such a manner as allows their transmission to the examiners without possibility of their disarrangement.

6. The thesis and other relevant work may be submitted to the Registrar at any time during the year provided the candidate has completed the minimum period of registration. In order that a successful candidate may have a reasonable chance of having the degree conferred at one of the formal degree-conferring ceremonies the candidate should arrange for the thesis and other relevant work to be in the hands of the Registrar at least fourteen weeks prior to the date of such ceremony.

THE DEGREE OF MASTER OF COMMERCE

The Degree of Master of Commerce can be taken within the Faculty of Commerce and involves either the preparation and submission of a thesis based on the results of original research or a programme which places less emphasis on research and more on formal instruction. Candidates for this Degree must normally hold the Degree of Bachelor of Commerce in the University of New South Wales or an appropriate degree from any other approved University, but in any case must satisfy the Faculty of their ability to carry out the programme of study and research.

The Master of Commerce formal courses in Accountancy, Economics, Econometrics and Marketing have been revised on a sessional basis, and subject to Professorial Board and Council approval, the revised courses will be introduced in 1972. Details are available at the Faculty of Commerce Office. The existing conditions shown below apply until the revised courses have been approved. Students already enrolled will transfer automatically with equivalent credit. They should consult with the Head of the relevant School or his nominee regarding selection of subjects.

School of Accountancy

ACCOUNTANCY GRADUATE COURSE (MASTER OF COMMERCE)

The course is conducted on a full-time basis over two years or on a part-time basis over three years. The formal study programme consists of:

- (a) five subjects selected from the following list; *or*
- (b) four subjects selected from the list, together with one other subject selected from any of the Master of Commerce subjects offered in the Faculty; *or*
- (c) four subjects selected from the list, together with two approved final year subjects from the undergraduate courses of the Schools of Accountancy or Economics.

The selected programme must include one of the undermentioned combinations of subjects, which will normally be taken in the first year;

- (a) 14.163/1 Financial Accounting Theory and 14.901G Corporate Organization and Accounting; *or*

- (b) 14.163/2 Managerial Accounting Theory and 14.902G Financial Management and Control.

The selection of the remaining three subjects must be approved by the Head of the School of Accountancy. Prerequisites for the course subjects are listed but exemption from the prerequisites may be granted by the Head of the School of Accountancy where he is satisfied that the candidate is adequately prepared for the subject by reason of other studies or experience.

	<i>Subject</i>	<i>Hours</i>	<i>Prerequisite</i>
14.163/1	Financial Accounting Theory	2	14.113 Accounting III
14.901G	Corporate Organization and Accounting	2	14.113 Accounting III
14.163/2	Managerial Accounting Theory	2	14.112 Accounting II
14.902G	Financial Management and Control	2	14.112 Accounting II <i>and</i> 14.113 Accounting III
14.903G	Contemporary Auditing Problems	2	14.131 Auditing and Internal Control
14.904G	Studies in Taxation	2	14.201 Taxation Law and Practice
14.905G	Operations Research	2	10.001 Mathematics I <i>or</i> 15.471 Mathematics for Commerce
14.906G	Information Systems	2	14.322 Data Processing and Information Systems
14.907G	History and Philosophy of Accounting	2	—
10.001	Mathematics I	6	14.113 Accounting III

School of Economics

The courses in Economics and Econometrics leading to the degree of Master of Commerce may be taken on a full-time basis over two years, or on a part-time basis over three years.

ECONOMICS GRADUATE COURSE (MASTER OF COMMERCE)

In all subjects of the full-time and part-time courses the division between lectures and seminars, and even the number of hours, are to be flexible and may vary from session to session. However, the number of hours per subject per week will not be less than two or more than four.

The subjects listed in the left-hand column below have as pre-requisites those listed in the right-hand column.

<i>Subject</i>		<i>Prerequisite</i>	
15.134G	Economic Theory A ...	—	
15.144G	Economic Theory B ...	10.001	Mathematics <i>or</i>
		15.474G	Mathematics for Economists (co-requisite)
15.474G	Mathematics for Economists	—	
15.105G	Welfare Economics	15.134G	Economic Theory A
15.115G	Industrial Economics ...	15.134G	Economic Theory A
15.125G	Economic Policy	15.134G	Economic Theory A <i>and</i>
		15.144G	Economic Theory B
15.135G	International Trade and Finance	15.134G	Economic Theory A

FULL-TIME PROGRAMME

YEAR 1

- 15.134G Economic Theory A
- 15.144G Economic Theory B
- 10.001 Mathematics I *or*
- 10.021 Mathematics IT *or*
- 15.474G Mathematics for Economists*

YEAR 2

- (i) *Any two of*
- 15.105G Welfare Economics
- 15.115G Industrial Economics
- 15.125G Economic Policy
- 15.135G International Trade and Finance
- (ii)
- 15.199G Report (Economics)

PART-TIME PROGRAMME

The part-time course requires attendance at the University for one afternoon each week in the second and third years.

YEAR 1

- 15.134G Economic Theory A
- 10.001 Mathematics I *or*
- 10.021 Mathematics IT *or*
- 15.474G Mathematics for Economists*

YEAR 2

- 15.144G Economic Theory B
- 15.105G Welfare Economics *or* 15.115G Industrial Economics *or* 15.135G International Trade and Finance

* Students who have previously taken 10.001 Mathematics I or 10.021 Mathematics IT must substitute a subject nominated by the Head of the School of Economics.

YEAR 3

(i) One subject not previously taken chosen from

- 15.105G Welfare Economics
 15.115G Industrial Economics
 15.125G Economic Policy
 15.135G International Trade and Finance
 (ii)
 15.199G Report (Economics)

ECONOMETRICS GRADUATE COURSE
(MASTER OF COMMERCE)

YEAR 1**FULL-TIME COURSE**

Hours per week
for 2 sessions

- | | | | |
|--------|-------------------------|-------|---|
| 15.434 | Econometrics* | | 3 |
| 15.443 | Mathematical Economics† | | 2 |
| | Option‡ | | |

YEAR 2

- | | | | |
|---------|---------------------------------|-------|---|
| 15.435G | Advanced Econometrics | | 3 |
| 15.445G | Advanced Mathematical Economics | | 3 |
| 15.499G | Report (Econometrics) | | |

PART-TIME COURSE

The part-time course requires attendance at the University for one afternoon each week in the second and third years.

YEAR 1

- | | | | |
|--------|-------------------------|-------|---|
| 15.443 | Mathematical Economics† | | 2 |
| | Option‡ | | |

YEAR 2

- | | | | |
|---------|---------------------------------|-------|---|
| 15.434 | Econometrics* | | 3 |
| 15.445G | Advanced Mathematical Economics | | 3 |

YEAR 3

- | | | | |
|---------|-----------------------|-------|---|
| 15.435G | Advanced Econometrics | | 3 |
| 15.499G | Report (Econometrics) | | |

* 15.423 Multivariate Analysis is a prerequisite for this subject.

† 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II is a prerequisite for this subject.

‡ To be nominated by the Head of the School of Economics in the light of the student's interests.

School of Marketing**MARKETING GRADUATE COURSE
(MASTER OF COMMERCE)**

This course is conducted on a full-time basis over two years and on a part-time basis over three years. The formal study programme consists of the eight subjects set out below and concludes with the presentation of a research report on an approved topic. The selection of options is subject to the approval of the Head of the School of Marketing.

The number of hours per subject per week will be a minimum of two and may take the form of lectures, seminars or case discussions. The subjects 28.205 Methods of Marketing Research, 28.202 Comparative Marketing Systems and 28.203 Seminar in Marketing Theory I, are prerequisites for 28.902G Mass Communications in Marketing, 28.903G International Marketing, 28.904G Seminar in Marketing Theory II, 28.905G Marketing Strategy and 28.906G Report. The subject 28.901G Buyer Behaviour may be taken concurrently with any second year subject.

FULL-TIME COURSE

**Minimum hours
per week for
2 sessions**

YEAR 1

28.202	Comparative Marketing Systems	2
28.203	Seminar in Marketing Theory I	2
28.205	Methods of Marketing Research	2
28.901G	Buyer Behaviour	2

YEAR 2

(i) Any two of:

28.902G	Mass Communication in Marketing	2
28.903G	International Marketing	2
	Option A*	2
	Option B*	2

(ii)

28.904G	Seminar in Marketing Theory II	2
28.905G	Marketing Strategy	2
28.906G	Report	2

* These options may be drawn from any M.Com. courses offered in the Faculty of Commerce or may be any other subjects within the University approved by the Head of the School of Marketing.

PART-TIME COURSE

**Minimum hours
per week for
2 sessions**

YEAR 1

28.202	Comparative Marketing Systems	2
28.203	Seminar in Marketing Theory I	2
28.205	Methods of Marketing Research	2

YEAR 2

28.901G	Buyer Behaviour	2
28.903G	International Marketing	2
	or	
	Option A*	2
28.904G	Seminar in Marketing Theory II	2

YEAR 3

28.902G	Mass Communication in Marketing	2
	or	
	Option B*	2
28.905G	Marketing Strategy	2
28.906G	Report	2

GRADUATE SCHOOL OF BUSINESS

The Graduate School of Business was established in 1968 as a result of the University's reorganization of its business studies programme. This fully inter-disciplinary, multi-professorial Graduate School replaced the former School of Business Administration.

Two postgraduate courses are currently available, the Master of Business Administration programme and the Diploma in Administration programme.

Although the Graduate School of Business is within the Faculty of Commerce, admission to the Master of Business Administration programme and to the Diploma in Administration programme is not restricted to nor intended primarily for graduates in commerce and economics. The conditions for both awards permit graduates of any Faculty to apply for admission to these programmes.

Graduates wishing to be admitted to the Master of Business Administration programme must apply on the prescribed applica-

* These options may be drawn from any M.Com. courses offered in the Faculty of Commerce or may be any other subjects within the University approved by the Head of the Department of Marketing.

tion form with referees' reports attached to the Registrar of the University of New South Wales by 31st August of the year preceding that for which admission is sought. Additionally, all applicants are required to provide the University with their scores on the Admission Test for Graduate Study in Business which is conducted by the Educational Testing Service, Box 966, Princeton, New Jersey 08540, U.S.A. Applicants must contact the Educational Testing Service direct to make arrangements to undertake this test.

Graduates wishing to be admitted to the Diploma in Administration programme must apply to the Registrar of the University of New South Wales by 31st December of the year preceding that for which admission is sought.

The University is unable at this stage to provide facilities for all eligible applicants for these programmes and admission is competitive.

THE MASTER OF BUSINESS ADMINISTRATION PROGRAMME

The programme leading to the degree of Master of Business Administration (M.B.A.) may be taken on a full-time basis over two years (four semesters), or on a part-time basis over three years (six semesters).

The course work of the Master of Business Administration Programme falls into two categories: the Compulsory Core Courses and the Elective Courses. The Compulsory Core Courses are:

- 33.301G The Social Framework of Business
- 33.302G Behavioural Science I
- 33.303G Management Accounting and Information Systems I
- 33.304G Micro-Economics and Business Decisions
- 33.305G Organization Theory I
- 33.306G Quantitative Analysis in Business I
- 33.307G Seminars in Contemporary Business Issues
- 33.308G Behavioural Science II
- 33.309G Macro-Economics and Policy
- 33.310G Management Accounting and Information Systems II
- 33.311G Organization Theory II
- 33.312G Production
- 33.313G Quantitative Analysis in Business II
- 33.314G Finance I
- 33.315G Marketing I
- 33.316G Strategic Planning and Problem Solving I

- 33.317G Finance II
- 33.318G Marketing II
- 33.319G Strategic Planning and Problem Solving II

The Elective Courses, which will be chosen by the student in consultation with the staff and with the approval of the Chairman of the Graduate School of Business, are:

- 33.320G Inter-personal Skills
- 33.321G Interviewing and Counselling
- 33.322G The Individual and the Organization
- 33.323G Advanced Management Accounting
- 33.324G Advanced Information Systems
- 33.325G Corporate Accounting and Control
- 33.326G Business Law and Taxation
- 33.327G Controllershship
- 33.328G Special Seminar in Accounting and Law
- 33.329G Industrial Growth and Policy
- 33.330G Contemporary Economic Problems
- 33.331G Industrial Relations
- 33.332G International Trade and Development
- 33.333G Economic and Business History
- 33.334G Advanced Managerial Economics
- 33.335G Organizational Analysis
- 33.336G Organization Planning
- 33.337G Personnel Relations
- 33.338G Production Management
- 33.339G Introduction to Operations Research
- 33.340G International Business
- 33.341G Australian Financial Structure
- 33.342G Investments
- 33.343G International Finance
- 33.344G Comparative Marketing Systems
- 33.345G Buyer Behaviour
- 33.346G Mathematical Models and Marketing Management
- 33.347G Marketing Decision and Information Management
- 33.348G An Introduction to International Marketing
- 33.349G Mass Communication in Marketing
- 33.350G Seminar in Marketing Theory
- 33.351G Research Project†

Not more than one-half of the electives will be available for study in any one semester.

† This research project counts as one elective in the M.B.A. programme.

The following prerequisites apply to the elective courses:

<i>Subject</i>	<i>Prerequisite</i>
33.327G Controllership	33.323G Advanced Management Accounting.
33.328G Special Seminar in Accounting and Law ...	33.323G Advanced Management Accounting
	OR
33.334G Advanced Managerial Economics	33.325G Corporate Accounting and Control
	Adequate background in statistical analysis, econometrics or mathematics.
33.339G Introduction to Operations Research ...	Adequate background in mathematics and statistics.
33.346G Mathematical Models and Marketing Management	Adequate background in quantitative analysis.
33.348G An Introduction to International Marketing	33.344G Comparative Marketing Systems.

FULL-TIME PROGRAMME

YEAR 1—SEMESTER 1†

	Hours per week
33.301G The Social Framework of Business	2
33.302G Behavioural Science I	3
33.303G Management Accounting and Information Systems I	2
33.304G Micro-Economics and Business Decisions	2
33.305G Organization Theory I	3
33.306G Quantitative Analysis in Business I	3
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YEAR 1—SEMESTER 2

33.307G Seminars in Contemporary Business Issues*	1
33.308G Behavioural Science II	3
33.309G Macro-Economics and Policy	2
33.310G Management Accounting and Information Systems II	2
33.311G Organization Theory II	3
33.312G Production*	1
33.313G Quantitative Analysis in Business II	3
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† During the first three weeks of Semester I all students, except those with relevant experience, will also undertake a compulsory non-credit course in computer programming.

* These subjects will alternate, 2 hours per fortnight.

YEAR 2—SEMESTER 1**Hours per week**

33.314G Finance I	2
33.315G Marketing I	2
33.316G Strategic Planning and Problem Solving I	3
plus	
Two Electives (each of 4 hours)	8
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YEAR 2—SEMESTER 2

33.317G Finance II	2
33.318G Marketing II	2
33.319G Strategic Planning and Problem Solving II	3
plus	
Two Electives (each of 4 hours)	8
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PART-TIME PROGRAMME**YEAR 1—SEMESTER 1†**

33.301G The Social Framework of Business	2
33.302G Behavioural Science I	3
33.303G Management Accounting and Information Systems I	2
33.305G Organization Theory I	3
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YEAR 1—SEMESTER 2

33.306G Quantitative Analysis in Business I	3
33.308G Behavioural Science II	3
33.310G Management Accounting and Information Systems II	2
33.311G Organization Theory II	3
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YEAR 2—SEMESTER 1

33.304G Micro-Economics and Business Decisions	2
33.313G Quantitative Analysis in Business II	3
33.314G Finance I	2
33.315G Marketing I	2
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† During the first three weeks of Semester I all students, except those with relevant experience, will also undertake a compulsory non-credit course in computer programming.

YEAR 2—SEMESTER 2**Hours per week**

33.307G	Seminars in Contemporary Business Issues	1*
33.309G	Macro-Economics and Policy	2
33.312G	Production	1*
33.317G	Finance II	2
33.318G	Marketing II	2
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		8
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YEAR 3—SEMESTER 1

33.316G	Strategic Planning and Problem Solving I	3
	plus	
	Two Electives (each of 4 hours)	8
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YEAR 3—SEMESTER 2

33.319G	Strategic Planning and Problem Solving II	3
	plus	
	Two Electives (each of 4 hours)	8
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* These subjects will alternate, 2 hours per fortnight.

THE DIPLOMA IN ADMINISTRATION PROGRAMME

The programme leading to the Diploma in Administration (Dip.Admin.) may be taken on a part-time basis over two years.

YEAR 1

	Hours per week
33.071G Management Accounting	2
33.501G Organization and Management Theory	2
33.502G Behavioural Science	2
33.503G Economic and Financial Management	2
33.504G Quantitative Methods	1
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YEAR 2

33.505G Business Policy <i>plus</i>	2
Three electives	6
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	8
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The three electives, all of which will not be available in any one year, may be selected from the following:

8.674G Civil Engineering Construction Management	2
11.951G Architectural Management	2
14.212 Administrative Law	2
28.104 Marketing Models and Systems	4
33.072G Business Law	2
33.507G Production Management	2
33.509G Electronic Data Processing	2
33.510G Social Administration	2
33.511G Personnel Management	2
33.512G Small Business	2
33.513G Public Administration	2

Subject to the approval of the Chairman of the Graduate School of Business, candidates may select any other appropriate university subject.

DETAILS OF SUBJECTS

The following pages contain a list of most of the subjects offered for courses leading to the Degrees of Bachelor of Commerce, Bachelor of Commerce/Laws, Master of Commerce and Master of Business Administration, and to the Diploma in Administration. In general the list is arranged according to subject numbers and the School responsible for the subject.

Details of subjects available in the Bachelor of Commerce courses but not included in this list may be found in the current *University Calendar* or may be obtained from the School responsible for the subject. Details of subjects in the Faculty of Arts which may be taken as Humanities subjects or as Options may be found in the current *Arts Faculty Handbook*.

Students are required to have their own copy of the prescribed Textbooks. Lists of Reference Books for additional reading, and of textbooks where not given here, will be issued by the Schools. Normally students may consult either the edition shown or later editions.

DEPARTMENT OF GENERAL STUDIES (HUMANITIES SUBJECTS)

Undergraduate students in all faculties other than Arts are required to study a number of General Studies subjects. Text and reference books for all General Studies subjects and outlines of the subjects appear in the *Department of General Studies Handbook*, which is available free of cost to all students.

SCHOOL OF CIVIL ENGINEERING

8.674G Civil Engineering Construction Management

Nature and sources of law. Interpretation of documents. Evidence. Technical opinions. Company Law. Industrial Law and Arbitration. Insurance Law and Insurance. Local Government Law. Contract Law. Types of contracts and contract documents. Contracting ethics. Supervision and administration of contracts. Bonding of contractors. Powers and duties of an engineer. Works supervision. Plant control and maintenance. Safety. Construction labour problems and industrial relations. Personnel management in construction. Staff training and the role of the Project Engineer. Ergonomics, work study and incentive schemes. Project capitalization, project financing and project budgeting.

SCHOOL OF MATHEMATICS

10.001 Mathematics I

Calculus, analysis, analytic geometry, linear algebra, an introduction to abstract algebra, elementary computing.

PRELIMINARY READING

Allendoerfer, C. B. & Oakley, C. O. *Principles of Mathematics*. McGraw-Hill.

Bell, E. T. *Men of Mathematics*. 2 Vols. Pelican.

Courant, R. & Robbins, H. *What is Mathematics*. O.U.P.

Polya, G. *How to Solve It*. Doubleday Anchor.

Sawyer, W. W. *A Concrete Approach to Abstract Algebra*. Freeman.

Sawyer, W. W. *Prelude to Mathematics*. Pelican.

TEXTBOOKS

Blatt, J. M. *Introduction to Fortran IV Programming*. Prentice-Hall.

Kelly, G. M. *Introduction to Linear Algebra and Vector Geometry*. Reed Education, Sydney, 1971.

Thomas, G. B. *Calculus and Analytic Geometry*. 4th Ed. Addison-Wesley.

10.011 Higher Mathematics I

Calculus, analytic geometry, linear algebra, an introduction to abstract algebra, elementary computing.

PRELIMINARY READING

As for 10.001 plus:

Arnold, B. H. *Intuitive Concepts in Elementary Topology*. Prentice-Hall.

David, F. N. *Games, Gods and Gambling*. Griffin.

Felix, L. *The Modern Aspect of Mathematics*. Science.

Huff, D. *How to Lie with Statistics*. Gollancz.

Reid, C. *From Zero to Infinity*. Routledge & Kegan Paul.

TEXTBOOKS

Blatt, J. M. *Introduction to Fortran IV Programming*. Prentice-Hall.

Fagg, S. V. *Differential Equations*. E.U.P.

Kelly, G. M. *Introduction to Linear Algebra and Vector Geometry*. Reed Education, Sydney, 1971.

Spivak, M. *Calculus*. Benjamin.

10.021 Mathematics I Terminating

Calculus, analysis, analytic geometry, algebra, probability theory, elementary computing.

TEXTBOOKS

Blatt, J. M. *Introduction to Fortran IV Programming*. Prentice-Hall.

Calculus—To be advised.

Notes on Sets, Probability, Matrices and Vectors. U.N.S.W. Press.

10.111 Pure Mathematics II

Consists of three units: 10.111A, 10.111B and 10.111C.

10.111A Pure Mathematics II (Algebra)

Vector spaces: inner products, linear operators, spectral theory, quadratic forms. Linear programming: convex sets and polyhedra, feasible solutions, optimality, duality.

TEXTBOOKS

Gass, H. *Linear Programming*. International Students' ed. McGraw-Hill.

Tropper, A. M. *Linear Algebra*. Nelson. Paperback.

10.111B Pure Mathematics II (Analysis)

Complex variables: analytic functions, elementary functions, Taylor and Laurent series, integrals, Cauchy's theorem, residues, evaluation of certain real integrals, maximum modulus principles. Linear differential equations of the second order: equations with constant coefficients, power series solutions, Laplace transforms, Bessel functions.

TEXTBOOKS

Churchill, R. V. *Complex Variables and Applications*. I.S.E. McGraw-Hill.

Hilton, P. J. *Partial Derivatives*. Routledge & Kegan Paul.

Purcell, E. J. *Calculus with Analytic Geometry*. Appleton-Century-Croft.

10.111C Pure Mathematics II (Abstract Algebra)

Abstract algebra: Euclidean algorithm, unique factorization theorem, mathematical systems, groups, determination of small groups, homomorphisms and normal subgroups. Geometry: elementary concepts of Euclidean, projective and affine geometries.

TEXTBOOKS

Dean, R. A. *Elements of Abstract Algebra*. Wiley.

Gans, D. *Transformations and Geometries*. Appleton-Century-Crofts.

10.112 Pure Mathematics III

Consists of four Units from: 10.112A, 10.112B, 10.112C, 10.112D and 10.112E.

10.112A Pure Mathematics III (Algebra)

Rings. Fields. Groups.

Prerequisites 10.111A, 10.111C.

TEXTBOOKS

Davenport, H. *The Higher Arithmetic*. Hutchinson.

Dean, R. A. *Elements of Abstract Algebra*. Wiley.

Griffin, H. *Elementary Theory of Numbers*. McGraw-Hill.

10.112B Pure Mathematics III (Functional Analysis)

Elementary treatment of operators in Hilbert space.

Prerequisite 10.111A.

TEXTBOOK

Berberian, S. K. *Introduction to Hilbert Space*. O.U.P., 1961.

10.112C Pure Mathematics III (Differential Geometry)

Curves and surfaces in space. Differential forms. Curvature.

Prerequisites 10.111A, 10.211A.

TEXTBOOK

O'Neill, B. *Elementary Differential Geometry*. Academic.

10.112D Pure Mathematics III (Set Theory)

Cardinal and ordinal numbers. Elementary topology of surfaces.

Prerequisite 10.001 or 10.011.

TEXTBOOKS

Blackett, D. W. *Introduction to Combinatorial and Algebraic Topology*.

Halmos, P. R. *Naive Set Theory*. Van Nostrand.

10.112E Pure Mathematics III (Analysis)

Further complex analysis and ordinary differential equations.

Prerequisites 10.111B, 10.211A.

TEXTBOOKS

Churchill, R. V. *Complex Variables and Applications*. Int. Students' ed. McGraw-Hill.

Plaat, O. *Ordinary Differential Equations*.

10.121 Higher Pure Mathematics II

Consists of three Units: 10.121A, 10.121B and 10.121D.

10.121A Higher Pure Mathematics II (Algebra)

Linear algebra: vector spaces, commutative rings, polynomials. Modules, linear transformations. Eigenvectors, invariant subspaces, canonical forms. Linear functions. Bilinear and multilinear algebra. Group theory: subgroups, quotient groups, isomorphisms, Lagrange's theorem, Sylow's theorem.

TEXTBOOKS

Hartley, B. & Hawkes, T. O. *Rings, Modules and Linear Algebra*. Chapman & Hall.

Herstein, I. M. *Topics in Algebra*. Blaisdell.

10.121B Higher Pure Mathematics II (Analysis)

Analytic functions, Laurent and Taylor series, calculus of residues, evaluation of real integrals, analytic continuation. Infinite products, entire functions. The Weierstrass factorization theorem. Mittag Leffler expansions. Conformal mapping, elliptic functions.

TEXTBOOK

Ahlfors, L. V. *Complex Analysis*. I.S.E. McGraw-Hill.

10.121D Higher Pure Mathematics II (Real Variable Theory)

Topology of metric spaces, functions over metric spaces, analysis in n -dimensions. The Riemann integral, Lebesgue measure, L^2 spaces. Fourier series.

Prerequisite 10.011 Higher Mathematics I.

TEXTBOOK

Goldberg, R. R. *Methods of Real Analysis*. Blaisdell.

10.122 Higher Pure Mathematics III

Consists of 10.122A, 10.122C and 10.122F, together with either 10.122D or 10.112B or 10.112E.

10.122A Higher Pure Mathematics III (Algebra)

As for 10.112A but in more detail. Prerequisite 10.121A.

TEXTBOOK

Lang, S. *Algebra*. Addison Wesley.

10.122C Higher Pure Mathematics III (Differential Geometry and Additional Analysis)

Differential geometry of curves and surfaces, Riemannian geometry. Theory of ordinary differential equations, Eigen function expansions, plane autonomous systems.

Prerequisites 10.211A, 10.121A, 10.121B.

TEXTBOOKS

Birkhoff, G. & Rota, G. C. *Ordinary Differential Equations*. Blaisdell.
Singer, I. M. & Thorpe, J. A. *Lecture Notes on Elementary Topology*.

10.122D Higher Pure Mathematics III (Number Theory and Logic)

Elementary Number Theory: The multiplicative group of residue classes, quadratic residues, the reciprocity law, representation of integers as the sum of two and four squares, Pell's equation, number theoretical functions, Dirichlet's divisor problem. Mathematical Logic: the axiomatic method, propositional calculus, consistency, independence, decidability, the predicate calculus, axioms of set theory, cardinals, ordinals, well-ordering and the axiom of choice. Algebraic Number Theory: algebraic number fields, rings of integers, valuations of a field, complete fields, extensions of valuations, ideal theory, class number, the unit theorem.

Prerequisite 10.121A; co-requisite 10.122A.

TEXTBOOKS

Hardy, G. H. & Wright, E. M. *Introduction to the Theory of Numbers*. O.U.P.
Pollard, H. *The Theory of Algebraic Numbers*. Carus Math. Monograph, No. 9.

10.122F Higher Pure Mathematics III (Topology and Integration)

Topology: topological spaces, convergence product spaces, compactness and connectedness, homeomorphisms, separation axioms. Extension problems. Integration: measure theory, measurable sets and functions, product spaces and Fubini's theorem, differentiation, absolute continuity, Riesz representation theorem, Radon-Nikodym theorem.

Prerequisite 10.121D.

TEXTBOOKS

Royden, H. L. *Real Analysis*. Collier-Macmillan.
Simmons, G. F. *Introduction to Topology and Modern Analysis*. McGraw-Hill, 1963.

10.211A Applied Mathematics II (Mathematical Methods)

Review of functions of two and three variables; divergence, gradient, curl; line, surface and volume integrals; Green's and Stokes' theorems. Special functions, including gamma and Bessel functions. Differential equations and boundary value problems, including vibrating string and vibrating circular membrane; Fourier series and Fourier-Bessel series.

TEXTBOOKS

Bowman, F. *Introduction to Bessel Functions*. Dover.

Sneddon, I. N. *Fourier Series*. Routledge & Kegan Paul.

Spiegel, M. R. *Theory and Problems of Vector Analysis*. Schaum.

10.221A Higher Applied Mathematics II (Mathematical Methods)

As for 10.211A but in greater depth.

TEXTBOOKS

Queen, N. M. *Vector Analysis*. McGraw-Hill, 1967.

Stephenson, G. *An Introduction to Partial Differential Equations for Science Students*. Longmans. Paperback.

10.212A Applied Mathematics III (Numerical Analysis)

Polynomial approximation, interpolation and extrapolation, numerical quadrature, solution of ordinary differential equations, sets of linear equations, matrix Eigenvalues and Eigenvectors, boundary value problems, partial differential equations. Tutorial exercises will involve the use of an electric computer.

TEXTBOOK

Conte, S. D. *Elementary Numerical Analysis*. McGraw-Hill.

10.212D Applied Mathematics III (Mathematical Methods)

Sturm-Liouville equation, Eigenvalues, expansion in orthonormal functions, Fourier, Fourier-Bessel and Legendre series as special cases, contour integration, Fourier and Laplace transforms with application to ordinary and partial differential equations, diffusion equation and transmission-line equation, wave equation.

TEXTBOOK

Rabenstein, A. L. *Introduction to Ordinary Differential Equations*. Academic Press.

10.311 Theory of Statistics II

An introduction to an axiomatic treatment of probability. Variates (univariates, multivariates, expectations, moment generating and characteristic functions). Standard distributions. Sampling distributions. Point estimation (moments, maximum likelihood, minimum χ^2 , etc.). Confidence interval estimation, exact and approximate. Elementary Neyman-Pearson theory of tests of significance, standard significance tests. Regression (including curvilinear) on a single fixed variable.

INTRODUCTORY READING

Bross, I. D. J. *Design for Decision*. Macmillan.

Huff, D. *How to Lie with Statistics*. Gollancz.

Moroney, M. J. *Facts from Figures*. Pelican.

TEXTBOOKS

Hogg, R. V. & Craig, A. T. *Introduction to Mathematical Statistics*. 3rd ed. Collier-Macmillan.

Statistical Tables. U.N.S.W. Press.

10.321 Higher Theory of Statistics II

10.311 at greater depth and covering a slightly wider field.

Textbooks as for 10.311, plus

Kendall, M. G. & Stuart, A. *The Advanced Theory of Statistics*, Vols. I and II. 2nd ed. Griffin.

10.312 Theory of Statistics III

Consists of four units: 10.312A, 10.312B, 10.312C and 10.312D.

10.312A Theory of Statistics III (Stochastic Processes and Applications)

Conditional expectations, generating functions, branching processes, finite Markov chains, introduction to finite-state space Markov processes in continuous time; applications of stochastic processes in genetics.

Prerequisites 10.311 or 10.321 or 10.311T; 10.211A or 10.221A.

TEXTBOOK

Bailey, N. J. T. *Elements of Stochastic Processes with Application to the Natural Sciences*. Wiley.

10.312B Theory of Statistics III (Experimental Design (Applications) and Sampling)

Principles of good experimental design, analyses of fully randomized and randomized block designs, factorial treatment structure, components

of variance, multiple comparisons; finite populations, simple random sampling, stratified random sampling, optimum allocation, estimation of sample size.

Prerequisite 10.311 or 10.321 or 10.311T (normally Credit).

Co-requisite 10.211A or 10.221A.

TEXTBOOKS

Statistical Tables.

Cochran, W. G. & Cox, G. M. *Experimental Designs*. Int. Students' ed. Wiley.

10.312C Theory of Statistics III (Experimental Design (Theory) and Project)

Multivariate normal distribution, quadratic forms, multiple regression, theory of the general linear hypothesis and its application to experimental designs.

Prerequisites 10.311 or 10.321; 10.111A or 10.121A or 10.211A or 10.221A.

Co-requisite 10.312B or 10.322B.

TEXTBOOK

Graybill, F. A. *An Introduction to Linear Statistical Models*. McGraw-Hill.

10.312D Theory of Statistics III (Contingency Tables and Probability Theory)

General theory of the $2 \times$ contingency tables, χ^2 test and exact test, $m \times n$ contingency table, subdivision of χ^2 ; characteristic functions; convergence of probability distributions; the Central Limit problem; expansions related to the normal distribution; extreme value distributions.

Prerequisite 10.311 or 10.311T.

Co-requisite 10.211A or 10.221A.

TEXTBOOK

Lamperti, J. *Probability*. Benjamin.

10.322 Higher Theory of Statistics III

Consists of four units: 10.322A, 10.322B, 10.322C and 10.322D.

The description of these units is the same as for the units 10.312A, 10.312B, 10.312C and 10.312D respectively, but the topics are treated in greater depth and cover slightly wider fields.

10.322A Higher Theory of Statistics III (Stochastic Processes and Applications)

As for 10.312A but in greater depth.

Prerequisites 10.211A or 10.221A; 10.321.

TEXTBOOKS

As for 10.312A plus:

Cox, D. R. & Miller, H. D. *The Theory of Stochastic Processes*. Methuen.

10.322B Higher Theory of Statistics III (Experimental Design (Applications) and Sampling)

As for 10.312B but in greater depth.

Prerequisite 10.321.

Co-requisite 10.211A or 10.221A.

10.322C Higher Theory of Statistics III (Experimental Design (Theory) and Project)

As for 10.312C but in greater depth.

Prerequisites 10.111A or 10.121A or 10.211A or 10.221A; 10.321.

Co-requisite 10.312B or 10.322B.

10.322D Higher Theory of Statistics III (Contingency Tables and Probability Theory)

As for 10.312D but in greater depth.

Prerequisite 10.321.

Co-requisite 10.211A or 10.221A.

TEXTBOOKS

For 10.322B, 10.322C and 10.322D as for 10.312B, 10.312C and 10.312D respectively.

10.911 Mathematics II

Consists of three units: 10.111A, 10.111B and 10.211A.

10.912 Mathematics III

Consists of four units selected from: 10.111C, 10.112A, 10.112B, 10.112C, 10.112D, 10.112E, 10.212A and 10.212D.

10.921 Higher Mathematics II

Consists of three units: 10.121A, 10.121B and 10.221A.

10.922 Higher Mathematics III

Consists of 10.121D, 10.122A, 10.122C and 10.122F.

SCHOOL OF ARCHITECTURE AND BUILDING**11.951G Architectural Management**

Emphasizes Architectural Practice.

Architectural practices; types, arrangements, partner relationships, organizational and legal responsibilities, present trends and future types of practice.

Architectural services; retainer, partial, full and comprehensive services.

Job organization; systems, research, systems controls, quality and time control.

Office organization; client relations, administrative, draughting, contractual and accounting organization and control.

Insurance, types, needs and limitations; statutory and optional insurance. Applications of contract law and insurance law in architectural practice.

SCHOOL OF APPLIED PSYCHOLOGY

12.001 Psychology I

An introduction to the content and methods of psychology as a behavioural science, with special emphasis on (a) the biological and social bases of behaviour, (b) learning, and (c) individual differences.

The course includes training in methods of psychological enquiry, and the use of elementary statistical procedures.

TEXTBOOKS**Part A—Theory**

Morgan, C. T. & King, R. A. *Introduction to Psychology*. 4th ed. McGraw-Hill, 1971.

Hebb, D. O. *Textbook of Psychology*. 2nd ed. Saunders, 1966.

(Recommended as an additional textbook for intending Honours students.)

Part B—Practical

Lumsden, J. *Elementary Statistical Method*. Univ. of W.A. Press, 1969.

12.012 Psychology II

Research Methods and either the Development and Structure of Personality, or Experimental and Theoretical Problems in Learning (List A), plus two topics selected from List B: Physiological Psychology, Human Information Processing, Abnormal Psychology, Social Psychology, Developmental Psychology and Psychometrics. Students planning to proceed to 3rd Year should consult with School regarding choices of topics.

TEXTBOOKS**Research Methods II**

Armstrong, S. J. *Introduction to Statistical Analysis and Inference*. Wiley, 1966.

Campbell, D. T. & Stanley, J. C. *Experimental and Quasi-Experimental Designs for Research*. Rand McNally, 1963.

Lumsden, J. *Elementary Statistical Method*. Univ. of W.A. Press, 1969.

LIST (A)**Learning II**

Marx, M. H. *Learning: Processes*. Macmillan, 1969. Selected Bobbs-Merrill Reprints.

Personality II

Nil.

LIST (B)**Psychometrics II**

Nil.

Physiological Psychology II

Isaacson, R. L., Douglas, R. J., Lubar, J. F. & Schmaltz, L. W. *A Primer of Physiological Psychology*. Harper & Row, 1971.

Human Information Processing II

McNicol, D. *A Primer of Signal Detection Theory*. Allen & Unwin, 1971.

Norman, D. *Memory and Attention*. Wiley, 1969.

Social Psychology II

Lindgren, H. C. *An Introduction to Social Psychology*. Wiley, 1969.

Developmental Psychology II

Nil.

Abnormal Psychology II

Maher, B. A. *Principles of Psychopathology*. McGraw-Hill, 1966.

12.013 Psychology III

Research Methods and areas of special study are taken at an advanced level. Candidates should select their areas of special study from the following list in consultation with the School of Applied Psychology: Physiological Psychology, Human Information Processing, Abnormal Psychology, Social Psychology, Developmental Psychology, Psychometrics, Psychological Issues, Behavioural Control and Modification, and Psychological Techniques.

Session 1—Research Methods IIIa plus two topics from List C.

Session 2—Two topics from List D.

TEXTBOOKS**Research Methods IIIa**

Hays, W. L. *Statistics for Psychologists*. Int. ed. Holt, Rinehart & Winston, 1969.

Lee, R. M. *A Short Course in Fortran IV Programming*. McGraw-Hill, 1967.

LIST (C)

Psychometrics II

Physiological Psychology II

Human Information Processing II

Social Psychology II

Developmental Psychology II

Abnormal Psychology II

} as for 12.012, List B.

LIST (D)

Psychometrics IIIb*

Hammer, A. G. *Elementary Matrix Algebra for Psychologists*. Pergamon.
Nunnally, J. *Psychometric Theory*. McGraw-Hill, 1967.

Physiological Psychology IIIa*

Hokanson, J. E. *The Physiological Bases of Motivation*. Wiley, 1969.
Isaacson, R. L., Douglas, R. J., Lubar, J. F. & Schmaltz, L. W. *A Primer of Physiological Psychology*. Harper & Row, 1971.

Human Information Processing IIIb*

Day, R. H. *Perception*. Wm. C. Brown Co., Dubuque, 1966.
Dember, W. N. *The Psychology of Perception*. Holt, 1960.

Behaviour Control and Modification

Hilgard, E. R. *The Experience of Hypnosis*. Harcourt, Brace & World, 1968.
Jahoda, M. & Warren, N. *Attitudes*. Penguin, 1966.
Kanfer, F. H. & Phillips, J. S. *Learning Foundations of Behaviour Therapy*. Wiley.

Psychological Techniques

Bradford, L. P., Gibb, J. R. & Benne, K. D. *T-Group Theory and Laboratory Method*. Wiley, 1964.
Kleinmuntz, B. *Personality Measurement*. Dorsey, 1967.
Vernon, P. E. *Personality Assessment: A Critical Survey*. Methuen, 1964.

Psychological Issues

Mischel, T. *Human Action: Conceptual and Empirical Issues*. Academic, 1969.
Simpkins, L. D. *The Basis of Psychology as a Behavioural Science*. Blaisdell, 1969.

12.024 Psychology

Candidates should consult the Head of the School of Applied Psychology for a determination of subject requirements.

12.651 Psychology (Industrial Relations)

Industrial relations and industrial conflict and their psychological elements. Psychological factors involved in industrial organization. Relationships between executives and operatives, the group dynamics of the factory, and the general cultural climate of Australian industry. Some attention is given to the more common personnel techniques.

TEXTBOOKS

Baritz, L. *Servants of Power*. Science Editions Paperback, 1960.
Brown, W. B. *Exploration in Management*. Heinemann, 1960.
Goldthorpe, J. H. *et al.* *The Affluent Worker*. C.U.P. Paperback, 1968.

* This topic cannot be selected unless the one of the same name has been done from List C above.

SCHOOL OF ACCOUNTANCY

14.111 Accounting I

An introduction to accounting. An examination of the information needs arising from the activities of business and other organizations, including questions of systematic measurement, classification and communication of financial data for the use of managements, owners and other parties. Basic accounting concepts and problems related to income measurement and asset valuation. The logic, design and use of accounting systems, the accounting cycle, flowcharting, elements of computer programming and computer applications in business. Introductory treatment of management accounting in relation to short- and long-term decisions, integrated planning and budgeting and the use of management control and cost systems. Comparative study of accounting and reporting requirements of various forms of organization, with particular reference to corporations, analysis and interpretation of accounting and associated data, introduction to financial management and company finance. Continuing developments in the field of accounting concepts and standards.

TEXTBOOKS

- Carrington, A. S. & Battersby, G. B. *Accounting—Concepts, Systems, Applications*. Aust. ed. Whitcombe & Tombs, 1971.
- Gordon, M. J. & Shillinglaw, G. *Accounting—A Management Approach*. 4th ed. Irwin, 1969.
- Grouse, P. J. *An Introduction to Computer Programming in PL/I*. New College Publications, 1971.
- Smyth E. B. & Burke, W. L. *Introductory Accounting—A Managerial Emphasis*. Law Book Co., 1971.

14.112 Accounting II

An examination of the relationship between accounting and the functions of management, with particular reference to business objectives and organization, decision-making, planning, control and communication. Management information systems and computer applications in business, including cost accounting systems, internal reporting and control, cost concepts and decision analysis, budgetary control and profit planning, standard costs, responsibility accounting and performance measurement. System design and documentation. Capital budgeting and long-range planning. Application of statistics and operations research to management accounting.

TEXTBOOKS

- Burke, W. L. & Smyth, E. B. *Accounting for Management*. Law Book Co., 1966.
- Grouse, P. J. *An Introduction to Computer Programming in PL/I*. New College Publications, 1971.

Horngren, C. T. *Cost Accounting—A Managerial Emphasis*. 2nd ed. Prentice-Hall, 1967.

Li, D. H. *Accounting, Computers, Management Information Systems*. McGraw-Hill, 1968.

14.113 Accounting III

Income measurement and asset valuation in accounting with emphasis on their application to the financial management and accountability of corporate enterprises. A comparative study of past, present and proposed solutions to problems of measurement and valuation, including price-level changes, valuation of shares, goodwill, fixed assets and inventory, leases, inter-corporate relationships and divisional and group organization. Corporate objectives, company formation, capital structure, fund-raising and growth strategies. Financial reporting, audit, and taxation aspects of corporate enterprises. Liquidation and receivership. An examination of current reporting practices, professional standards and recommendations.

TEXTBOOKS

Hendriksen, E. S. *Accounting Theory*. Rev. ed. Irwin, 1970.

Lee, L. N. & McPherson, L. A. *Consolidated Statements and Group Accounts*. Law Book Co., 1963.

Yorston, R. K., Smyth, E. B. & Brown, S. R. *Advanced Accounting*. 6th ed. Rev. Law Book Co., 1971.

Accounting III Tutorial Exercises. The University of New South Wales Students' Union.

The Companies Act, 1961. Government Printer, Sydney.

Statements on Accounting Practice. The Institute of Chartered Accountants in Australia.

14.121 Public Authority Accounting

Accounting and budgeting for Federal, State and Local Governments and Public Authorities; social accounting.

TEXTBOOKS

Jay, W. R. C. & Mathews, R. L. eds. *Government Accounting in Australia*. Cheshire, 1968.

Levy, V. M. *Public Financial Administration*. Law Book Co., 1971.

14.122 Accounting II (Honours)

The content of this subject includes that of 14.112 Accounting II as well as additional and more advanced work in both management accounting and management information systems.

TEXTBOOKS

- Benston, G. J. ed. *Contemporary Cost Accounting and Control*. Dickenson, 1970.
- Burke, W. L. & Smyth, E. B. *Accounting for Management*. Law Book Co., 1966.
- Emery, J. C. *Organisational Planning and Control Systems*. Macmillan, 1969.
- Grouse, P. J. *An Introduction to Computer Programming in PL/I*. New College Publications, 1971.
- Hein, L. W. *Contemporary Accounting and the Computer*. Dickenson, 1969.
- Hornigren, C. T. *Cost Accounting—A Managerial Emphasis*. 2nd ed. Prentice-Hall, 1967.
- Li, D. H. *Accounting, Computers, Management Information Systems*. McGraw-Hill, 1968.

14.123 Accounting III (Honours)

The content of this subject includes that of 14.113 Accounting III as well as additional and more advanced work in both accounting theory and in the financial management and accountability of corporate enterprises.

TEXTBOOKS

- Davidson, S., Green, D., Hornigren, C. T. & Sorter, G. H. *An Income Approach to Accounting Theory*. Prentice-Hall, 1964.
- Hendriksen, E. S. *Accounting Theory*. Rev. ed. Irwin, 1970.
- Keller, T. F. & Zeff, S. A. eds. *Financial Accounting Theory II*. McGraw-Hill, 1969.
- Lee, L. N. & McPherson, L. A. *Consolidated Statements and Group Accounts*. Law Book Co., 1963.
- Yorston, R. K., Smyth, E. B. & Brown, S. R. *Advanced Accounting*. 6th ed. Rev. Law Book Co., 1971.
- Zeff, S. A. and Keller, T. F. eds. *Financial Accounting Theory—Issues and Controversies*. McGraw-Hill, 1964.
- Accounting III Tutorial Exercises*. The University of New South Wales Students' Union.

Statements on Accounting Practice. The Institute of Chartered Accountants in Australia.

The Companies Act 1961. Government Printer, Sydney.

14.131 Auditing and Internal Control

Integrated with accounting, where practicable, and will cover basic auditing concepts, auditing principles and procedures and methods of investigation. The nature, scope and significance of internal control, internal check and internal audit; vouching, checking, verification of balance sheet items, the development of audit programmes, investigations, reports. Trends and developments in the profession, modern techniques as applied to machine and electronically processed accounting data, testing and sampling, the evolution of auditing standards, professional ethics, social responsibilities of auditors. Statutory requirements and case law decisions affecting auditors.

TEXTBOOKS

Baker, R. E. *Cases in Auditing.* Prentice-Hall, 1969.

Irish, R. A. *Auditing.* 4th ed. Law Book Co., 1971.

Mautz, R. K. & Sharaf, H. A. *The Philosophy of Auditing.* American Accounting Association, 1961.

Stettler, H. F. *Systems Based Independent Audits.* Prentice-Hall, 1967.

Vanasse, R. W. *Statistical Sampling for Auditing and Accounting Decisions: A Simulation.* McGraw-Hill, 1968.

14.163 Accounting Honours Seminar

14.163/1 Financial Accounting Theory

Accounting theory in general and external reporting. Problems associated with the development of accounting theory; the manner in which accounting for an organization can satisfy the information needs of those who have to make decisions concerning their future relations and associations with the organization. The present pattern of external reporting, various proposals for the improvement and extension of reporting practices.

The functions and definition of accounting; research methodology and accounting theory formation and development; the relation between internal and external information needs; the information needs of the various groups participating in the organization; accounting evaluation of organizations and their managements; accounting for changes in the price level; the function and design of company annual reports; present legal and professional reporting requirements; company failures and accounting.

TEXTBOOKS

- Backer, M. *Modern Accounting Theory*. Prentice-Hall, 1966.
- Canning, J. B. *The Economics of Accountancy*. Ronald, 1929.
- Garner, P. S. & Berg, K. B. *Readings in Accounting Theory*. Houghton Mifflin, 1966.
- Hendriksen, E. S. *Accounting Theory*. Rev. ed. Irwin, 1970.
- Jaedicke, R. K., Ijiri, Y. & Nielson, O. eds. *Research in Accounting Measurement*. American Accounting Association, 1966.
- Keller, T. F. & Zeff, S. A. *Financial Accounting Theory II*. McGraw-Hill, 1969.
- Rigby, P. H. *Models in Business Analysis*. Merrill, 1969.
- Sterling, R. R. & Bentz, W. *Accounting in Perspective*. South-Western, 1971.
- Thomas, A. L. *The Allocation Problem. Studies in Accounting Research No. 3*. American Accounting Association, 1969.
- Vatter, W. J. *The Fund Theory of Accounting and Its Implications for Financial Reports*. Chicago U.P., 1947.
- Accounting Research Studies*. Nos. 1-4 and 6. American Institute of Certified Public Accountants, N.Y.
- A Statement of Basic Accounting Theory*. American Accounting Association, 1966.

14.163/2 Managerial Accounting Theory

The ways in which accounting can be of assistance to management in the planning and control of the operations of an organization. The tools and techniques of accounting related to the problems and processes of management.

Decision theory; the investment and replacement decision; planning and control; industrial dynamics and control; measurement and communication in decentralized organizations; cybernetics; information theory and systems.

TEXTBOOKS

- Anthony, R. N., Dearden, J. & Vancil, R. F. *Management Control Systems*. Irwin, 1965.
- Anton, H. R. & Firmin, P. A. eds. *Contemporary Issues in Cost Accounting*. Houghton Mifflin, 1966.
- Benston, G. J. *Contemporary Cost Accounting and Control*. Dickenson, 1970.
- Miller, D. W. & Starr, M. K. *The Structure of Human Decisions*. Prentice-Hall, 1967.
- Rappaport, A. ed. *Information for Decision Making*. Prentice-Hall, 1970.
- Solomons, D. *Divisional Performance: Measurement and Control*. Irwin, 1965.
- Starr, M. K. *Management: A Modern Approach*. Harcourt Brace Jovanovich, 1971.
- Timms, H. L. *Introduction to Operations Management*, Irwin, 1967.

14.191 Thesis

For honours students in Accountancy.

14.201 Taxation Law and Practice

The Income Tax Assessment Act, the determination of income, the assessment of specific forms of income, allowable deductions both in a general and specific sense, the assessment of different classes of taxpayer and the machinery provisions of income tax collection. Sales tax assessment and collection.

TEXTBOOKS

Australian Master Tax Guide. C.C.H. Australia, 1972 (available April, 1972).

Hayek, E. J. ed. *Ryan's Manual of Income Tax Law in Australia*. Latest ed. Law Book Co.

Mannix, E. F. & Bowra, R. L. *Australian Leading Cases in Income Tax*. Latest ed. Butterworth.

Income Tax Assessment Act, 1936-1970 (as amended to end of Session 1). Commonwealth Government Printer.

and

Income Tax (International Agreements) Act, 1936-70 (as amended to end of Session 1). Commonwealth Government Printer.

or

Income Tax Assessment Act, 1936-1971. C.C.H. Australia (Includes Assessment Act, Regulations, International Agreements).

14.203 Trustee Law and Accounting

This subject will not be offered in 1972.

14.212 Administrative Law

A comparative examination of Australian and English constitutional and administrative law. Modern criticisms of the sovereignty of parliament; the problem of constitutional change; the freedom of citizens and the rule of law; the doctrine of the separation of powers as related to the main branches of government; the functions of the State; administrative law and the changes therein; executive power of the Crown; the judiciary; legislative and judicial powers of the Administration and their control; suits against the Administration; public corporations.

This subject will not be offered in 1972.

14.221 Commercial Law I

The nature of law; elementary jurisprudence; the sources of law in Australia; the doctrine of precedent; the legal system, the courts and the administration of justice; an introduction to law in society.

The law of contract as the basis for the ordering of commercial relationships; formation, operation, interpretation, validity, enforcement and discharge of contract. Sale of goods and consumer protection. Trade practices. Banker-customer relationship and negotiable instruments.

The law of business organizations with particular reference to partnership and company law; the legal nature of partnerships and companies; formation, liabilities, management obligations, operation and termination of business organizations.

TEXTBOOKS

Baalman, J. *Outline of Law in Australia*. 3rd ed. Law Book Co., 1968.

Borrie, G. & Diamond, A. I. *The Consumer Society and the Law*. 2nd ed. Penguin, 1968.

Lloyd, D. *The Idea of Law*. Latest ed. Pelican.

Vermesch, R. & Lindgren, K. *Business Law in Australia*. Butterworth, 1971.

Statutes:

Sale of Goods Act (N.S.W.) 1923 (as amended). Government Printer, Sydney.

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

Companies Act (N.S.W.) 1961 (as amended to date). Government Printer, Sydney.

Consumer Protection Act (N.S.W.) 1969 (as amended). Government Printer, Sydney.

14.222 Commercial Law II

Company law including the functions of directors and their relationship with the company, the liability of the company, remedies for oppression of shareholders, use of trusts in connection with companies, takeovers, the history of companies and the role of corporate structure in an industrialized society.

Elements of industrial law, including consideration of types of industrial system; the concept of arbitration with particular reference to Australian conditions and a federal system; the "total wage" concept; the law of employment; workers' compensation; the statutory regulation of industrial conditions in places of work.

Other areas of law relevant to commerce, including banker and customer, hire purchase and insurance.

TEXTBOOKS

Dey, J. F. & McKenzie, P. B. *Outline of Industrial Law*. Law Book Co., 1965.

Gower, L. C. B. *Modern Company Law*. 3rd ed. Stevens, 1969.

Isaac, J. E. & Ford, G. W. eds. *Australian Labour Relations: Readings*. Rev. ed. Sun Books, 1971.

Mason, H. H. & O'Hair, J. *Australian Company Law*. McGraw-Hill, 1968. 1971.

Mason, H. H. *Casebook on Australian Company Law*. 3rd ed. Butterworth, 1971.

Portus, J. H. *Australian Compulsory Arbitration 1900-1970*. Hicks, Smith & Sons, 1971.

Sim, R. S. *Casebook on Company Law*. 3rd ed. (including Australian supplement). Butterworth, 1971.

Wedderburn, K. W. *The Worker and the Law*. Pelican, 1965.

Statutes:

Companies Act, 1961 (as amended to date). Government Printer, Sydney.

Conciliation and Arbitration Act (Commonwealth). 1904-61.

Industrial Arbitration Act (N.S.W.) 1940-1967.

14.311 Production and Industrial Accounting

The establishment and operation of the production function in business with particular reference to decision and control aspects and the associated requirements for accounting and other quantitative information. Establishment of manufacturing systems, including the role of capital budgeting; criteria for product development and design; industrial management and organization, production planning and control; quantitative model-building applied to production decisions; cost recording and cost control systems; inventory control; statistical applications of cost and quality control; organizational and motivational considerations of control systems; advanced problems in product costing, joint costs and cost analysis for decision-making.

TEXTBOOKS

Benston, G. J. *Contemporary Cost Accounting and Control*. Dickenson, 1970.

Buffa, E. S. *Modern Production Management*. 3rd ed. Wiley, 1969.

Dopuch, N. & Birnberg, J. G. *Cost Accounting. Accounting Data for Management's Decisions*. Harcourt, Brace & World, 1969.

Timms, H. L. *Introduction to Operations Management*. Irwin, 1967.

Welsch, G. A. *Cases in Profit Planning and Control*. Prentice-Hall, 1970.

14.321 Business Finance

Emphasis is given to internal (management) aspects of corporation finance by contrast to the external view of finance which would concentrate upon the broader issues of institutions and policy. Problems of the smaller business, and of the proprietary company are considered. The role and function of the financial executive, and his responsibilities in the raising and deployment of funds. A study of the origin and evolution of the modern large-scale corporation and its present-day role in society. Basic business finance forms an introduction. It is followed by a treatment in depth of financial decision-making, capital expenditure planning and control and corporate investment and security analysis.

TEXTBOOKS

Robinson, R. G. & Johnson, R. W. *Self-Correcting Problems in Finance (Workbook)*. 2nd ed. Allyn & Bacon, 1970.

Van Horne, J. C. *Financial Management and Policy*. 2nd ed. Prentice-Hall, 1971.

14.322 Data Processing and Information Systems

Problems and methods of data collection and processing, including analysis, design and application of information systems for management control. Electronic data processing, including programming, flow charting and coding.

TEXTBOOKS

Grouse, P. J. *Data Processing and Information Systems. Parts 1, 2 and 3*. New College Publication, 1970.

Sanders, D. H. *Computers in Business*. McGraw-Hill, 1968.

Management Information Systems and the Computer. Parts 1 and II. Inst. of Cost and Works Accountants, 1967-9.

14.332 Operations Research in Business

An introduction to the principles and techniques of quantitative business analysis. An introduction to probability theory, statistical decision theory, inventory and queuing models and mathematical programming.

TEXTBOOKS

Miller, D. W. & Starr, M. K. *The Structure of Human Decisions*. Prentice-Hall, 1967.

Thierauf, R. J. & Grosse, R. A. *Decision Making through Operations Research*. Wiley, 1970.

14.402 Organization Theory

The concept of scientific management and its development as discussed in the works of Taylor, Fayol, Gilbreth, Mayo, Follett, Barnard and Simon. Organizations in terms of hierarchy of tasks, and the formal relationship existing between those who perform the tasks. Informal organization, and the significance of the study of human behaviour on informal structures. Organizations as information systems. The functions and the role of the manager. Techniques available to managers in organizing for goal achievement.

TEXTBOOKS

Byrt, W. J. *People and Organisations*. McGraw-Hill, 1971.

Emery, F. E. *Systems Thinking*. Pelican, 1969.

Leavitt, H. J. *Managerial Psychology*. 2nd ed. Chicago U.P., 1964.

Newman, W. H., Summer, C. E. & Warren, E. K. *The Process of Management*. 2nd ed. Prentice-Hall, 1967.

14.901G Corporate Organization and Accounting

An integration of accounting and legal principles. Special problems of valuation and income determination. Matters arising in the take-over area with particular emphasis on organization and planning of holding-subsidiary structures so as to achieve most effectively group objectives within the existing legal framework. Use of integration by Divisions as an alternative to group organization.

The legal element will include consideration of the above matters within the context of income tax, land tax and stamp duty legislation and also the related responsibilities of company directors and officers.

TEXTBOOKS*

No prescribed textbooks.

14.902G Financial Management and Control

Divided into two strands.

- (1) A treatment in depth of long-range planning, budgeting and standard costs; the planning, implementation and control of capital expenditures; and a consideration of the uses of accounting information and quantitative data as an aid to decision-making in dynamic management situations.
- (2) A practical exposition of the principal functions of the controller, structured largely on case studies supplemented by field work. An examination in depth of the organization, staffing and appraisal of the accounting and information services, and the planning, design, installation and maintenance of the accounting system, procedures and processes in manufacturing and non-manufacturing enterprises.

TEXTBOOKS*

No prescribed textbooks.

14.903G Contemporary Auditing Problems

The functions of the auditor under statute and general law with particular reference to the different informational needs of the several classes of participants in a company.

Consideration of the practicability of extending the auditor's functions to include an appraisal of management's plans and predictions and an assessment of position, results and expectations for the better information of all readers of company accounting reports.

The adequacy of the present form of audit report. Reservations and qualifications in audit reports; special problems in the take-over and group accounting areas and in the verification of inventories and receivables; the auditor and company failures; the development of analytical auditing techniques.

TEXTBOOKS*

No prescribed textbooks.

* Reading is required from a variety of books and journal articles. Specific recommendations are available on application to the School of Accountancy.

14.904G Studies in Taxation

Selected case studies in tax planning involving a study and application of the relevant taxation laws.

The specific areas in which these problems will be set include principles of income determination, incidence of tax on various tax entities, viz. companies, partnerships and trusts; taxation of superannuation funds; taxation of special businesses, including mining, petroleum and primary production; treatment of capital expenditure and depreciation allowances for taxation purposes; amortization of industrial property and scientific research and development expenditure; Papua, New Guinea and overseas tax credits; international tax problems.

TEXTBOOKS

No prescribed textbooks.

14.905G Operations Research

The application of mathematical and statistical techniques to the solving of management problems. The structuring of the decision problem, mathematical model construction, mathematical programming, probability and statistical decision theory, inventory and queuing theory.

TEXTBOOKS

No prescribed textbooks.

14.906G Information Systems

Experience with commercial computer installation assumed. Information theory and systems and in particular analysis of the information needs of an organization and the design of a computer system to satisfy those needs. While emphasis is on the development of an acceptable system, discussion is included on how the computer system modifies traditional business organizations and accounting procedures. Special emphasis on statistical techniques which become feasible with the use of computers.

The effect of computers on business organizations; planning the design project; involvement of interested parties; systems development; information flow analysis; the use of sampling as an aid in design; data control; accounting and control; file design; an equipment selection run design; implementation.

TEXTBOOKS*

No prescribed textbooks.

* Reading is required from a variety of books and journal articles. Specific recommendations are available on application to the School of Accountancy.

14.907G History and Philosophy of Accounting

The historical development of accounting thought and practices, with particular reference to the interaction among forms of business organization, prevailing philosophical and political ideas and the accounting function. The nature and origin of fundamental accounting problems and the development of approaches to their solution. International variations in accounting thought and standards, including consideration of under-developed and state-controlled economies.

TEXTBOOKS*

No prescribed textbooks.

14.999G Master of Commerce Report in Accountancy

* Reading is required from a variety of books and journal articles. Specific recommendations are available on application to the School of Accountancy.

SCHOOL OF ECONOMICS

15.101 Economics I

A foundation course in economic analysis—that is, the basic principles, techniques and methodology of economics. Economic theory; how theory can be used to explain, understand and predict economic phenomena in the real world. The Australian economic system; the determination of prices and output of goods and services under various market situations, the labour market and the determination of wages, the determination of the aggregate level of output (gross national product), aggregate employment and the general level of prices, the role of money and the banking system.

In the first session the class will be divided into two groups. In Group A, which will attend three lectures and one tutorial a week, no previous knowledge of economics will be assumed. In the first session this group will cover the syllabus in microeconomics plus an introduction to macroeconomics. Any student enrolled in Economics I may enter Group A. In Group B, which will attend two lectures and one tutorial a week, a previous knowledge of economics is assumed. Material will be presented at a faster rate, it will be assumed that students do not need the introductory work on macroeconomics, and there will be a more extensive treatment of microeconomics, including applications to contemporary problems. The minimum qualification for entry into Group B is a pass at second level or better in Economics in the Higher School Certificate, but students who have passed at this level with no margin to spare would be more at home in Group A. Students will be advised, when enrolling, which group is the more appropriate for them.

PRELIMINARY READING

Robinson, M. A., Morton, H. C., Calderwood, J. D. & Lamberton, D. M.
An Introduction to Economic Reasoning. Tudor, 1969.

TEXTBOOKS

Australian National Accounts. 1969-70.

Lipsey, R. G. *An Introduction to Positive Economics*. 3rd ed. Weidenfeld & Nicolson, 1971.

Mansfield, E. *Micro-economics*. Norton, 1970.

Rowan, D. C. *Output, Inflation and Growth*. Macmillan, 1968.

Samuelson, P. A., Hancock, K. & Wallace, R. *Economics*. Aust. ed. McGraw-Hill, 1970.

Stilwell, J. A. & Lipsey, R. G. *Workbook to Accompany an Introduction to Positive Economics*. 2nd ed. Weidenfeld & Nicolson, 1971.

15.102 Economics II

An extension in depth and application of the economic analysis developed in Economics I. In macroeconomics topics treated will include fluctuations in national income and employment, economic growth, inflation, monetary theory and policy, fiscal policy and incomes policy. The microeconomics

section will include: theoretical and applied aspects of consumer behaviour, demand, production and cost, behaviour of firms, market structures, profits, technological change and investment decisions. Some aspects of welfare economics, including the public control of industry and the analysis of some contemporary economic problems will be included.

TEXTBOOKS

- Chamberlain, N. W. ed. *Contemporary Economic Issues*. Irwin, 1970.
Mansfield, E. *Microeconomics*. Norton, 1970.
Nevile, J. W. *Fiscal Policy in Australia*. Cheshire, 1970.
Nevile, J. W. & Stammer, D. W. eds. *Inflation and Unemployment*. Pelican, 1971.
Rowan, D. C. *Output, Inflation and Growth*. Macmillan, 1968.
Runcie, N. *Economics of Instalment Credit*. Univ. of London Pub., 1969.
Runcie, N. ed. *Australian Monetary and Fiscal Policy*. Univ. of London Pub., 1971.
Spencer, M. H. *Managerial Economics*. 3rd ed. Irwin, 1968.

15.103 Economics III

Theory and empirical evidence relating to international trade and investment, and the balance of international payments. Particular attention will be given to international aspects of importance to Australia, including external balance, the international monetary system, the Australian tariff system, foreign investment and the multinational corporation, aspects of economic development and international trade and investment, multilateral and regional approaches to the expansion of international trade.

TEXTBOOKS

- Bhagwati, J. ed. *International Trade: Selected Readings*. Penguin, 1969.
Cooper, R. N. ed. *International Finance: Selected Readings*. Penguin, 1969.
McColl, G. D. ed. *Overseas Trade and Investment*. Pelican, 1971.
Meier, G. M. *The International Economics of Development: Theory and Policy*. Harper & Row, 1968.

15.104 Advanced Economic Analysis

A survey of advanced economic theory covering the main branches of economics and normally including: advanced microeconomics, advanced macroeconomics, cyclical fluctuations and the theory of economic growth, monetary theory, welfare economics, international trade and finance and methodology.

15.112 Economics II (Honours)

For honours students where prescribed but other students may be permitted to enrol subject to the approval of the Head of the School of Economics and the Head of the School responsible for the course in

which the student is enrolled. Includes the content of 15.102 Economics II and additional and more advanced work in micro- and macroeconomic analysis.

TEXTBOOKS

Ackley, G. *Macroeconomic Theory*. Collier-Macmillan, 1961, or student ed. 1967.

Breit, W. & Hochman, H. M. eds. *Readings in Microeconomics*. Holt. Rinehart & Winston, 1968.

Ferguson, C. E. *Microeconomic Theory*. Rev. ed. Irwin, 1969.

Neville, J. W. *Fiscal Policy in Australia*. Cheshire, 1970.

Neville, J. W. & Stammer, D. W. eds. *Inflation and Unemployment*. Pelican, 1971.

Runcie, N. *Economics of Instalment Credit*. Univ. of London Pub., 1969.

Runcie, N. ed. *Australian Monetary and Fiscal Policy*. Univ. of London Pub., 1971.

15.113 Economics III (Honours)

For honours students where required but other qualified students may be permitted to enrol subject to the approval of the Head of the School of Economics. Theory and empirical evidence relating to international trade and investment, and the balance of international payments. Topics will include external balance, monetary problems, tariffs and other impediments to trade, multinational corporations, international aid and regional trading areas.

TEXTBOOKS

Bhagwati, J. ed. *International Trade: Selected Readings*. Penguin, 1969.

Cooper, R. N. ed. *International Finance: Selected Readings*. Penguin, 1969.

Heller, H. R. *International Trade: Theory and Empirical Evidence*. Prentice-Hall, 1968.

McColl, G. D. ed. *Overseas Trade and Investment*. Pelican, 1971.

Meade, J. E. *A Geometry of International Trade*. Allen & Unwin, 1952.

Meier, G. M. *The International Economics of Development: Theory and Policy*. Harper & Row, 1968.

15.173 Economics IIIM*

An alternative to 15.113 Economics III for students who have passed 10.111 Pure Mathematics II or 10.121 Higher Pure Mathematics II or 10.911 Mathematics II or 10.921 Higher Mathematics II.

The syllabus of 15.113 Economics III will be covered using more advanced mathematical techniques.

* Not offered in 1972.

15.213 History of Economic Thought

The development of economic ideas from about the mid-eighteenth century to early twentieth. Particular attention is focused on (a) the origin and evolution of modern economic analysis; (b) the part played by the social and philosophical ideas in the formation of economic thought; and (c) the influence of economic events on the development of economic ideas and *vice versa*.

PRELIMINARY READING

Gill, R. T. *Evolution of Modern Economics*. Prentice-Hall, 1967.

Redford, A. *The Economic History of England: 1760-1860*. Longmans, 1962.

Robinson, J. *Economic Philosophy*. Pelican, 1963.

TEXTBOOKS

Newman, P. C., Grayer, A. D. & Spencer, M. H. eds. *Source Readings in Economic Thought*. Norton, 1954.

Rima, I. H. *Development of Economic Analysis*. Irwin, 1967.

15.223 Comparative Economic Systems

Analysis of different economic systems and the way in which the basic economic problems are solved. A critical appraisal of the efficiency with which resources are allocated in different economies. Students will be required to study in particular the economic systems of U.S.S.R., Japan and Yugoslavia. The emphasis will be on comparative analysis, and consideration will be given to the extent to which institutional and historical differences affect the process of national decision-making, the choice of overall objectives, the instruments of policy and the nature of economic planning.

TEXTBOOKS

Baran, P. A. & Sweezy, P. M. *Monopoly Capital*. Penguin, 1968.

Galbraith, J. K. *The New Industrial State*. Penguin, 1969.

Halm, N. H. *Economic Systems: A Comparative Analysis*. 3rd ed. Holt, Rinehart & Winston, 1968.

Wilczynski, J. *The Economics of Socialism*. Allen & Unwin, 1970.

15.233 Public Finance and Financial Policy

The economics of the government sector and the finance sector are studied with special reference to Australia. Half of the course deals with public finance: the actual and optimal role of government in the economy; economic and welfare effects of different types of taxes; public debt; use of fiscal policy for stabilization; federalism and centralism. The other half deals with advanced monetary theory and policy, and the development of selected financial institutions: the economics of banking and non-banking financial intermediaries; the capital market and the role of

financial intermediaries in saving and investment; flow-of-funds accounts; financial intermediaries and monetary policy.

PRELIMINARY READING

Eckstein, O. *Public Finance*. 2nd ed. Prentice-Hall, 1967.

TEXTBOOKS

Dixon, J. *The Public Sector*. Pelican, 1971.

Houghton, R. W. ed. *Public Finance*. Penguin, 1970.

Mittra, S. ed. *Money and Banking Theory, Analysis and Policy*. Random House, 1970.

Runcie, N. ed. *Australian Monetary and Fiscal Policy*. Univ. of London Pub., 1971.

15.243 Economic Development

The gap between the welfare of the developed and of the poorer or underdeveloped nations. Earlier theories of development as a basis for a better appreciation of the various economic and non-economic theories of underdevelopment such as social and technological dualism, balanced and unbalanced growth, etc. The influence of international trade on potential economic development. The general principles of development planning techniques in planning models and their application in particular countries.

TEXTBOOKS

Higgins, B. *Economic Development*. 3rd ed. Constable, London, 1968.

Lewis, W. A. *Development Planning*. Harper & Row, 1966.

Meier, G. M. *The International Economics of Development: Theory and Empirical Evidence*. Harper & Row, 1968.

15.253 Economics of Industry and Labour*

Theoretical aspects of industry and labour and applications to the Australian situation. One session is concerned with the labour market: supply of and demand for labour; work force structure, technological change; education, wage theory and wage systems, with particular reference to Australia. The other session examines the impact of technological change on the structure and growth of firms. The question of government influence on the structure of industry, for example by control over mergers and restrictive trade practices, the limitation of capital inflow and the planning of social costs and benefits. Evaluation of planning for development.

PRELIMINARY READING

Gabor, D. *Inventing the Future*. Penguin, 1964.

Pen, J. *Harmony and Conflict in Modern Society*. McGraw-Hill, 1966.

* May not be offered in 1972.

TEXTBOOKS

Horn, R. V. *Labour Economics for Australia*. Cheshire, 1968.

Reynolds, L. G. *Labour Economics and Labour Relations*. 6th ed. Prentice-Hall, 1970.

15.263 International Economics†

Economic theory relating to international trade and investment, the balance of international payments and policies directed towards achieving external balance, the efficient allocation of resources, and other aims. Developments in international trade, investment and aid, including empirical tests of theories and trends in the Australian balance of payments. Contemporary problems; proposed reforms to the international monetary system, the desirability of forming regional trading blocs, and other policies relevant to the current problems confronting Australia and the less developed countries.

15.331 Economic History I

The economic development of Modern Europe. The economic history and development of Europe from the Middle Ages to the 20th century, with special reference to the different historical experience of economic development of Britain, France, Germany and Russia. Population growth, agricultural change, foreign trade and the process of industrialization are considered in relation to their contribution to European economic development. A comparison of the institutional framework of economic growth and the social consequences of economic change in each country.

PRELIMINARY READING

Hobsbawm, E. *The Age of Revolution*. Mentor, 1964.

Hohenberg, P. *A Primer on the Economic History of Europe*. Random House, 1968.

Parry, J. H. *The Age of Reconnaissance*. Mentor, 1963.

TEXTBOOKS

Cipolla, C. M. ed. *The Fontana Economic History of Europe*. Vols. I, II, III and IV. Fontana, 1969-70.

Kemp, T. *Industrialisation in 19th Century Europe*. Longmans, 1969.

Mathias, P. *The First Industrial Nation*. Methuen.

15.332 Economic History II

Australian Economic History. Economic development and its social consequences in Australia up to the present time. The main variables for

† Not offered in 1972.

each successive stage of development: labour supply, rural and urban industries, communications, external trade and foreign investment, the role of governments, fluctuations in activity and changing living standards in town and countryside. Comparisons with similar economies elsewhere.

PRELIMINARY READING

Blainey, G. *The Tyranny of Distance*. Sun Books, 1966.

Clark, C. M. H. *A Short History of Australia*. Mentor, 1963.

TEXTBOOKS

Abbott, G. J. & Nairn, N. B. *Economic Growth of Australia, 1788-1821*. M.U.P., 1969. Paperback.

Boehm, E. A. *Twentieth Century Economic Development in Australia*. Longmans, 1970.

Butlin, N. *Investment in Australian Economic Development, 1861-1900*. C.U.P., 1964.

Fitzpatrick, B. *British Empire in Australia, 1834-1939*. Macmillan, 1969. Paperback.

Roberts, S. H. *History of Australian Land Settlement*. Macmillan, 1968.

15.304 Economic History IV (Honours)

Available for honours students only.

Texts and References available on application to the Lecturer-in-charge

15.333 Economic History III

Two of the following options*—

Economic History of the U.S.A.—The first half of the course is concerned with the development of a colonial economy and the acceleration of growth in the United States up to the Civil War. The second half covers agricultural and industrial changes since 1865 with particular reference to agrarian discontent, immigration, problems of monopoly and the New Deal.

PRELIMINARY READING

North, D. C. *Growth and Welfare in the American Past*. Prentice-Hall, 1966.

TEXTBOOKS

Bruchey, S. *The Roots of American Economic Growth 1607-1861*. Harper & Row, 1965.

Cochran, T. C. & Brewer, T. B. eds. *Views of American Economic Growth*. 2 Vols. McGraw-Hill, 1966.

Harris, S. E. ed. *American Economic History*. McGraw-Hill, 1961.

* Not all options will necessarily be offered in 1972. Students who have not taken the course on Australian Economic History will take 15.332 as one of their options for Economic History III.

North, D. C. *The Economic Growth of the United States, 1790-1860*. Prentice-Hall, 1961.

Indian Economic History—A study of change and stagnation in the Indian economy from the mid-18th century to the end of British rule in 1948.

Texts and References available on application to the Lecturer-in-Charge.

Economic and Social Change in Nineteenth-Century Britain—An advanced course on the development of the British economy between circa 1780 and 1914 with an analysis of concurrent social changes in both town and countryside.

PRELIMINARY READING

Court, W. H. B. *A Concise Economic History of Britain from 1750 to Recent Times*. C.U.P., 1954.

TEXTBOOKS

Ashworth, W. *An Economic History of England, 1870-1939*. Methuen, 1960.

Checkland, S. G. *The Rise of Industrial Society in England, 1815-1885*. Longmans, 1964.

Court, W. H. B. *British Economic History 1870-1914, Commentary and Documents*. C.U.P., 1965.

Deane, P. & Cole, W. A. *British Economic Growth 1688-1959*. C.U.P., 1962.

Harrison, J. F. C. *The Early Victorians 1832-51*. Weidenfeld & Nicolson, 1971.

Webb, R. K. *Modern England: From the 18th Century to the Present*. Dodd, Read & Co., 1969.

15.342 Economic History II (Honours)

As for 15.332 Economic History II with additional work.

15.343 Economic History III (Honours)

As for 15.333 Economic History III with additional work.

15.401 Business Statistics

An introductory course giving an overview of the principal topics in statistics and a more detailed development of some of the simpler statistical concepts. The frequency distribution and its description; elementary probability; principles of sampling; confidence intervals; tests of hypotheses; quality control; simple linear regression; index numbers; time series.

Students are required to develop not only a basic appreciation of the techniques studied but to develop manipulative skills by application to a variety of problems in economics, business and the social sciences generally.

PRELIMINARY READING

Moroney, M. J. *Facts from Figures*. Pelican, 1954.

Reichmann, W. J. *Use and Abuse of Statistics*. Pelican.

TEXTBOOKS

Spiegel, M. *Theory and Problems of Statistics*. Schaum, 1961.

Yamane, T. *Statistics—An Introductory Analysis*. 2nd ed. Harper & Row, 1965.

Yamane, T. *Problems to Accompany "Statistics—An Introductory Analysis"*. Harper & Row, 1967.

15.402 Econometric Methods

A sequel to 15.401 Business Statistics and a required subject for students in the Economics course but may be taken by other students as an option where this is permitted in the course requirements. The subject is not designed for the specialist in econometrics but is intended to provide further training in and basic appreciation of some fundamental quantitative techniques essential for the general or business economist.

Multiple regression analysis and economic applications, linear programming, input-output analysis, selected aspects of statistical decision theory of particular concern to the business economist.

Classes in practical computation will be held making use of electric desk calculators.

TEXTBOOK

Puckett, R. H. *Introduction to Mathematical Economics*. D. C. Heath, 1971.

15.422 Statistical Inference

A basic theoretical and introductory course in statistical analysis. The theory of probability, statistical inference and simple linear regression.

TEXTBOOKS

Freund, J. E. *Mathematical Statistics*. 2nd ed. Prentice-Hall, 1971.

Mood, A. M. & Graybill, F. A. *Introduction to the Theory of Statistics*. McGraw-Hill, 1964.

15.423 Multivariate Analysis

A detailed study of linear statistical models. The subject is an essential foundation for the study of econometrics.

TEXTBOOKS

Anderson, T. W. *An Introduction to Multivariate Statistical Analysis*. Wiley, 1958.

Graybill, F. A. *An Introduction to Linear Statistical Models*. Vol. I. McGraw-Hill, 1961.

15.433 Applied Statistics

An introduction to statistical decision theory, the techniques of social sampling and the analysis of time series.

TEXTBOOK

Raiffa, H. & Schlaifer, R. *Applied Decision Theory*. Harvard U.P., 1961, or M.I.T. Press, 1968.

15.434 Econometrics

A study of estimation procedures for single and simultaneous stochastic equation models. Mention will be made throughout the course of applied econometric investigations, and journal references will be given from time to time as additional reading.

TEXTBOOKS

Goldberger, A. S. *Econometric Theory*. Wiley, 1964.

Further texts will be announced at the beginning of the course.

15.443 Mathematical Economics

The use of mathematics in economic analysis. Various mathematical optimization techniques, including calculus and linear programming, together with the theory of linear equations and inequalities, will be used to examine and relate various branches of economic theory, including the theory of consumer demand, the theory of the firm, market stability, inter-industry economics, economic growth and fluctuations, and macro-economic policy.

TEXTBOOKS

Gass, S. I. *Linear Programming: Methods and Applications*. McGraw-Hill. 1969.

Henderson, J. M. & Quandt, R. E. *Microeconomic Theory*. Student ed. McGraw-Hill, 1971.

15.471 Mathematics for Commerce

Calculus up to partial derivatives and Jacobians. Simple ordinary differential equations. Linear difference equations. Elementary matrix algebra. Systems of linear differential and difference equations.

This subject will not be offered in 1972.

15.502 Industrial Relations I

The nature of work in industrial society. The human impact of technical, economic, social and industrial change; the nature, causes and implications of industrial conflict; the changing nature and structure of trade unions and employers' associations; industrial arbitration and collective bargaining; the development of industrial relations systems with particular reference to Australia, Britain and the United States and case studies of industrial relations in particular industries.

PRELIMINARY READING

(Session 1)

Flanders, A. *Trade Unions*. 7th ed. Hutchinson, 1968.

Fraser, R. ed. *Work: Twenty Personal Accounts*. Vol. I or II, Pelican, 1968 and 1969.

(Session 2)

Ramsay, R. A. *Managers and Men*. Ure Smith, 1966.

Sutcliffe, J. T. *A History of Trade Unionism in Australia*. Macmillan, 1967.

TEXTBOOKS

(Session 1)

Work, Technology, Conflict and Unions.

Estey, M. *The Unions: Structure, Development and Management*. Harbrace Series, 1967.

Isaac, J. E. & Ford, G. W. eds. *Australian Labour Relations: Readings*. 2nd ed. Sun Books, 1971.

Matthews, P. W. D. & Ford, G. W. eds. *Australian Trade Unions: Their Development, Structure and Horizons*. Sun Books, 1968.

(Session 2)

Industrial Relations Systems.

Caiden, G. E. *Public Employment: Compulsory Arbitration in Australia*. Michigan U.P., 1971.

Portus, J. H. *Australian Compulsory Arbitration 1900-1970*. Hicks, Smith & Sons, 1971.

Walker, K. F. *Australian Industrial Relations Systems*. O.U.P., 1971.

15.503 Industrial Relations II

There are three main strands: industrial relations systems at the level of the firm and industry, differing national systems of industrial relations, and the process of change in industrial relations systems. The emphasis will be on the comparative analysis of industrial relations systems, the diversity of ideas, beliefs and institutions, and the solution to industrial relations problems in countries with different economic, social and political systems and at different stages of development.

PRELIMINARY READING

Friedland, W. H. *Unions and Industrial Relations in Underdeveloped Countries*. Cornell, 1963.

Gouldner, A. W. *Wildcat Strike: A Study in Worker-Management Relations*. Harper Torchbook, 1965.

Sayles, L. R. & Strauss, G. *The Local Union*. Rev. ed. Harcourt, Brace & World, 1967.

TEXTBOOKS

Burns, T. ed. *Industrial Man*. Penguin, 1969.

Flanders, A. ed. *Collective Bargaining: Selected Readings*. Penguin, 1969.

Howard, W. & Raich, P. *Productivity Bargaining in Australia*. Wiley, 1972.

15.504 Industrial Relations III

The extent and depth of existing knowledge, the analysis of various theories of industrial relations and their applicability to Australia and Asia, the methods and significance of recent inquiries into national industrial relations systems, detailed studies of contemporary and possible future issues in industrial relations and the possible methods of improving industrial relations systems.

TEXTBOOKS

Canadian Industrial Relations: The Report of the Task Force on Labour Relations. Woods, H. D., Chairman. Queen's Printer, Ottawa, 1969.

Royal Commission on Trade Unions and Employers' Associations 1965-1968. Lord Donovan, Chairman. H.M.S.O., London, 1968.

Flanders, A. *Management and Unions: The Theory and Reform of Industrial Relations*. Faber, 1970.

Goldthorpe, J. H. et al. *The Affluent Worker: Industrial Attitudes and Behaviour*. C.U.P., 1968.

Goldthorpe, J. H. et al. *The Affluent Worker in the Class Structure*. C.U.P., 1969.

Somers, G. G. ed. *Essays in Industrial Relations Theory*. Iowa State U.P., 1969.

15.512 Industrial Relations I (Honours)

For students in the Industrial Relations Honours Course. It includes the content of 15.502 Industrial Relations I as well as more advanced work on some aspects of 15.502 Industrial Relations I.

TEXTBOOKS

As for 15.502, plus

(Session 1)

Lane, T. & Roberts, K. *Strike at Pilkingtons*. Fontana, 1971.

(Session 2)

Faunce, W. A. *Problems of an Industrial Society*. McGraw-Hill, 1968.

Gouldner, A. W. *Wildcat Strike: A Study in Worker-Management Relationship*. Harper Torchbook, 1955.

Mesthene, E. G. *Technological Change: Its Impact on Man and Society*. Mentor, 1970.

Myrdal, G. *Objectivity in Social Research*. Duckworth, 1969.

15.513 Industrial Relations II (Honours)

For students in the Industrial Relations Honours Course. The content of 15.503 Industrial Relations II as well as more advanced work on research methodology, productivity bargaining, industrial democracy and comparative industrial relations.

TEXTBOOKS

As for 15.503, plus

(Session 1)

Blauner, R. *Alienation and Freedom: The Factory Worker and his Industry*. Chicago University Press, 1964.

Derber, M. *Research in Labor Problems in the United States*. Random House, 1967.

(Session 2)

Emery, F. E. & Thorsrud, E. *Form and Content in Industrial Democracy*. Tavistock, 1969.

Flanders, A. *The Fawley Productivity Agreements. A Case Study of Management and Collective Bargaining*. Faber & Faber, 1964.

15.552 Industrial Law I

Introduction to law, the Australian Federal system, interpersonal legal relations in industry.

TEXTBOOKS

Isaac, J. E. & Ford, G. W. eds. *Australian Labour Relations: Readings*. 2nd ed. Sun Books, 1971.

Portus, J. H. *Australian Compulsory Arbitration 1900-1970*. Hicks Smith, 1971.

Wedderburn, K. W. *The Worker and the Law*. Penguin, 1965.

15.553 Industrial Law II

The general nature of the law of group relationships, dispute settlements, trade union and strike law.

TEXTBOOKS

Thomson, D. C., Conrick, V. M. & Macken, J. J. *Industrial and Labour Relations Law*. Univ. of Syd., 1970.

Wedderburn, K. W. *Cases and Materials on Labour Law*. C.U.P., 1971.

15.115G Industrial Economics*

An advanced subject in the M.Com. Economics Graduate Course concerned with economic problems encountered at the level of plants, firms and industries as well as the managerial and political policies affecting them.

15.125G Economic Policy*

An advanced subject in the M.Com. Economics Graduate Course dealing with commercial policy, stabilization policy and policies for economic growth.

15.134G Economic Theory A*

A compulsory subject in the M.Com. Economics Graduate Course concerned with the scope and methods of economics, microeconomic theory including production and pricing theory, and the theory of international trade.

15.135G International Trade and Finance

International trade, finance and investment, including trade barriers and preferential trading areas; the role of trade in economic development.

15.144G Economic Theory B*

A compulsory subject in the M.Com. Economics Graduate Course dealing with macroeconomic theory including Keynesian equilibrium theory, long-run equilibrium and short-run disequilibrium dynamics.

15.435G Advanced Econometrics

An advanced subject for students in the M.Com. Econometrics Graduate Course. Recent theoretical developments in estimation techniques in simultaneous stochastic equation models.

* Wide reading in the relevant literature is expected, and a list of journal articles and other recommended and required references will be made available to enrolled students.

15.445G Advanced Mathematical Economics

An advanced subject for students in the M.Com. Econometrics Graduate Course. International trade, economic growth and other topics in advanced mathematical economics.

15.474G Mathematics for Economists

This is a subject for students in the M.Com. Economics Graduate Course. The development of mathematical techniques for application in economic analysis. Calculus up to partial derivatives, simple differential equations, linear difference equations and elementary matrix algebra.

SCHOOL OF GEOGRAPHY

Geography is the study of variations from place to place on the earth's surface arising from the spatial relationships of the phenomena which make up man's world. Courses in Commerce include both physical and human geography in the first two years, involving study of man's physical and social environment and of where and how he lives in relation to the environment.

Third year options allow more advanced studies, particularly in economic geography. All stages include field tutorials and laboratory classes giving practice in geographic techniques and data-handling.

27.041 Geography IA

The course consists of two parts.

Part I: *An introduction to physical geography:* Controls of landform development, cyclic and equilibrium approaches to landform study; processes and factors of soil formation; the mature soil profile; vegetation structure; factors affecting vegetation distribution; plant and soil succession and the ecosystem; particular reference to the Sydney area. The radiation budget and atmospheric circulation; climatic distribution.

Laboratory classes include: weather recording and analysis of climatic data; use of maps and air photos; soil profile description. Two field tutorials.

TEXTBOOKS

C.S.I.R.O. *The Australian Environment*. M.U.P.

Strahler, A. N. *Physical Geography*. Wiley International Paperback.

Twidale, C. R. *Geomorphology*. Nelson Paperback.

Part II: *Economic Geography:* The geographic problems of scale and distance. The relevance of theory and quantitative methods. Patterns and structures of systems of agriculture, manufacturing and tertiary production in underdeveloped and advanced societies. The origins and functioning of the settlement network of central places and connecting routes. Includes an urban field tutorial of one day.

Laboratory classes will consist of the application of statistical methods to areal and point data.

TEXTBOOKS

Cole, J. P. & King, C. A. M. *Quantitative Geography*. Wiley.

Morrill, R. L. *The Spatial Organisation of Society*. Wadsworth.

27.042 Geography IIA

Part I (Session 1). *Physical Geography.* Emphasizing interdependence of climate, hydrology, landform, soils and vegetation in major zones. Studies of selected zones with particular reference to the Australasian region. Laboratory classes will involve climatic analysis and mapping and analysis of natural landscapes including airphoto interpretation.

A compulsory two-day field tutorial.

Part II (Session 2). *Geographic Models*. Aims and methods of enquiry as a basis for discerning pattern and order in the economic and social landscape. Emphasis on locational models which attempt to explain the pattern and structure of urban settlement and transportation routes. Introduction to elements of Population Geography. A compulsory three-day field tutorial to study an urban complex.

Part III. *Statistical Methods in Geography*. Laboratory classes throughout the year dealing with the application of statistical methods to geographic data. Descriptive statistics, sampling techniques, elementary probability, correlation, regression, significance-testing, and an introduction to nonparametric statistics.

TEXTBOOKS

Haggett, P. *Locational Analysis in Human Geography*. Arnold.

Yeomans, K. A. *Introductory Statistics: Statistics for the Social Scientist*. Vol. I. Penguin.

Yeomans, K. A. *Applied Statistics: Statistics for the Social Scientist*. Vol. II. Penguin.

27.052 Geography IIA (Honours)

As for 27.042 Geography IIA *plus* a series of seminars averaging one hour per week which will include additional and more advanced work in Parts I and II.

27.043 Geography IIIA

Part I (Session 1). Students select one of the following options:

1. *Location Theory*: Classical and more recent adaptations of location theory. Consideration of external economies. City and regional structure. Spatial competition and patterns of location. Emphasis on the effect of the spatial distribution of resources and markets on the locational equilibrium of the firm. Decision theory relevant to location. *or*
2. *Transportation Geography*: The structure of transportation systems, for example modal systems, network and flow analysis, communication and circulation theories, and the analysis of specific problems, for example transport and economic development and highway impact studies. Laboratory and seminar classes include case studies and practical applications.

TEXTBOOK

Richardson, H. W. *Regional Economics*. Weidenfeld & Nicolson.

Part II (Session 2). Students select one of the following options:

1. *Agricultural Geography*: Rent theory in relation to agricultural systems. Systems of agriculture at different levels of economic development, and in relation to cultural and institutional factors. Effect on

agriculture of rural-urban competition for resources. Examples will be drawn from Australasia and South-East Asia. Laboratory classes include case studies. or 2. *Marketing Geography*: Organization and operation of the marketing system including the optimal location of consumer oriented enterprises and the analysis of market areas. Spatial behaviour of consumers in the market for various goods and services, with emphasis upon consumer search and decision processes. Laboratory classes involve case studies.

TEXTBOOKS

Engel, J. F., Kollatt, D. T. & Blackwell, R. D. *Consumer Behaviour*. Holt, Rinehart & Winston.

Scott, P. *Geography and Retailing*. Hutchinson. Paperback.

Part III GEOGRAPHIC METHODS. Classes throughout the year dealing with methods and interpretation of geographic data. Research design, data sources, field methods. Collection, classification and analysis of data, stressing multivariate techniques and computer library programmes. Complements all Year 3 Geography options.

TEXTBOOK

Veldman, D. J. *Fortran Programming for the Behavioural Sciences*. McGraw-Hill. Paperback.

27.053 Geography IIIA (Honours)

As for 27.043 Geography IIIA *plus* a series of seminars averaging one hour per week, which will include additional and more advanced work in Parts I and II.

SCHOOL OF MARKETING

28.103 Behavioural Science

Description and analysis of some of the variables from the behavioural sciences that are related to the functions of marketing, e.g., the importance of psychological aspects of individual differences, perception, learning, motivation and personality to an understanding of people and their roles as consumers. Consumer behaviour of individuals in primary and secondary groups. The adjustment of the person in groups and in man-machine systems—culture patterns, communications, leadership, thinking and deciding, social and rational models of man's behaviour, choice strategy and utility as factors in man's behaviour. The probabilistic pattern of perception, learning and thinking. The development of attitudes, interests, prejudices, frustrations and conflicts in individuals and groups. The growth of the family, and its needs. The course will consist of lectures, activity, demonstrations, films, case studies, practical field exercises and tests.

TEXTBOOKS

Engel, J. F., Kollat, D. T. & Blackwell, R. D. *Consumer Behaviour*. Holt, Rinehart & Winston, 1968.

Kassargian, H. H. & Robertson, T. S. eds. *Perspectives in Consumer Behaviour*. Scott, Foresman, 1968.

28.104 Marketing Models and Systems

This course replaces 28.101 Principles of Marketing and 28.102 Case Studies in Marketing. It is designed to provide a foundation course in marketing and covers the following areas:

(a) Quantitative analysis for marketing decisions, comprising the theory and application of some mathematical concepts to business situations. The derivative (pricing for profit maximization, inventory policy for cost minimization); linear programming (designing programmes to maximize profits); techniques of planning (product launch using PERT); probability (competitive bidding theory); market decision-making under conditions of uncertainty, risk uncertainty; assignment algorithm (allocation of salesmen to territories, etc.). (b) A study of marketing structures, organization and behaviour. The development of the distributive system, marketing institutions and channels. Policies and methods in the distribution of consumer and industrial goods and services. Costs and efficiency in the distribution of goods and services. A strong theoretical emphasis will characterize this segment of the course. (c) A portion of the second session will be devoted to the analysis of marketing cases. The purpose is to permit students to pursue the practical application of the principles already covered.

TEXTBOOKS

Enis, B. M. G. & Cox, K. K. *Marketing Classics*. Allyn & Bacon, 1969.

Fisk, G. *Marketing Systems*. Harper & Row, 1967.

King, W. R. *Quantitative Analysis for Marketing Management*. McGraw-Hill, 1967.

Scott, R. A. & Marks, N. E. *Marketing and the Environment: Some Issues and Perspectives*. Wadsworth, 1968.

28.113 Marketing Management

Decision-making in marketing management, analysis of the marketing structure, marketing channels and marketing institutions in developing effective marketing programmes. Determination of advertising, distribution, product planning and pricing policies. Selecting, training, organizing and supervising the sales force. Analysis of marketing management procedures to be supplemented with the case study method.

TEXTBOOKS

Britt, S. H. & Boyd, H. W. Jnr. *Marketing Management & Administrative Action*. McGraw-Hill, 1968.

Kotler, P. *Marketing Management, Analysis, Planning and Control*. Prentice-Hall, 1967.

28.133 Marketing Research

The effective use of marketing information in business decision-making. The development of some areas of quantitative model-building in marketing, with particular emphasis on decision theory. The tools and techniques of market research as they apply in consumer and industrial marketing. Wherever possible, case material will be introduced to highlight the problems involved in relating research to the final decision.

TEXTBOOKS

Boyd, H. W. & Westfall, R. *Marketing Research*. Rev. ed. Irwin, 1964.

Kernan, J. B., Dommermuth, W. P. & Sommers, W. S. *Promotion: An Introductory Analysis*. McGraw-Hill, 1970.

Siebert, J. & Wills, G. *Marketing Research*. Penguin, 1970.

28.143 Marketing Research (Honours)

The relationship between theory and research. Treatment in depth of: interviewing dynamics and techniques, survey analysis, and experimentation in marketing.

TEXTBOOK

Kerlinger, F. N. *Foundations of Behavioural Research*. Holt, Rinehart & Winston, 1969.

28.202 Comparative Marketing Systems

A comparative study of the marketing systems of countries at various levels of economic development. It involves a consideration of the relation between social conditions in a country and the manner in which marketing

takes place, of the nature and operation of the marketing system itself, and of the patterns of personal behaviour and interaction in the socio-marketing activity. The course will also serve as an introduction to the problems and possibilities of international marketing.

TEXTBOOKS

Bloodworth, D. *An Eye for the Dragon*. Heinemann, 1970.

Boddewyn, J. *Comparative Marketing and Management: Text and Readings*. Scott, Foresman, 1969.

Carson, D. *International Marketing, A Comparative Systems Approach*. Wiley, 1967.

28.203 Seminar in Marketing Theory I

The functionalist theory of marketing developed by Alderson. Vertical marketing structures and the spatial aspects of marketing systems.

TEXTBOOK

Kernan, J. B. & Sommers, M. S. *Perspectives in Marketing Theory*. Appleton, Century Crofts, 1968.

28.205 Methods of Marketing Research

Treatment in depth of topics briefly covered in 28.133 Marketing Research: research design, psychometric attributes of measuring instruments, univariate and multivariate analysis. An investigation into consumer behaviour will be undertaken as an exercise in the application of methods studied in the seminar.

28.901G Buyer Behaviour

Family influences on purchasing behaviour. Interpersonal influences, especially word of mouth. Consumer decision processes.

TEXTBOOKS

Howard, J. A. & Sheth, J. N. *The Theory of Buyer Behaviour*. Wiley, 1969.

Kollat, D. T., Blackwell, R. D. & Engel, J. F. *Research in Consumer Behaviour*. Holt, Rinehart & Winston, 1970.

28.902G Mass Communication in Marketing

The effects of mass and interpersonal communications upon human behaviour. In two parts: (I) *The Sociology of Mass Communications*: theoretical issues examined historically and logically, and empirical researches reviewed; (II) *Mass Communications in Marketing*: contemporary theory and research, with the main emphasis on the effects of advertising (especially television) upon buyer attitudes and behaviour.

TEXTBOOK

Kernan, J. B., Dommermuth, W. P. & Sommers, M. S. *Promotion: An Introductory Analysis*. McGraw-Hill, 1970.

28.903G International Marketing

The environmental framework when business operation and organization become international in structure and scope.

Character and dimension of the political, economic, modernization (including administrative) and social aspects affecting international marketing; the dynamic relationship between the environmental aspects and international/domestic marketing.

Operational aspects of international marketing (nature of competition, marketing structure and channels, trade barriers, etc.) as well as international, regional, sub-regional economic groupings.

TEXTBOOKS

Farmer, R. N. & Richman, B. M. *International Business: An Operational Theory*. Irwin, 1966.

Miracle, G. E. & Albaumb, G. S. *International Marketing Management*. 2nd ed. Prentice-Hall, Foundation of Marketing Series, 1970.

28.904G Seminar in Marketing Theory II

Recent developments in the application of quantitative methods to marketing analysis. Stochastic models of buyer behaviour, advertising and sales response functions, media selection, pricing decisions, the allocation of sales effort and new product decisions.

TEXTBOOK

Kotler, P. *Marketing Decision-making: A Model Building Approach*. Holt, Rinehart & Winston, 1971.

28.905G Marketing Strategy

This course plays an integrating role, enabling the student to consider the implication of the specialized courses for the problem of formulating marketing strategy. While the teaching method will centre on the use of cases, students will be expected to read widely in the relevant journals and to contribute insights from this reading to the case discussions.

TEXTBOOKS

Ansoff, H. I. *Corporate Strategy*. McGraw-Hill, 1965.

Ansoff, H. I. ed. *Business Strategy*. Penguin Modern Management Readings, 1969.

Layton, R. A. ed. *Australian Marketing Projects, 1969*. National Committee of the Hoover Awards for Marketing, 1970.

Miller, B. *Managing Innovation for Growth and Profit*. Dow Jones-Irwin, 1970.

GRADUATE SCHOOL OF BUSINESS

33.071G Management Accounting

Critical aspects of financial accounting, cost accounting and financial management. Collection and presentation of planning and control information in the form most suitable for solving particular administrative problems while ensuring long-term stability and optimum profitability. Accounting conventions and organization for management accounting; classification of costs; historical and predictive accounting; budgetary planning and control; capital budgeting and capital project evaluation; obtaining and controlling permanent, medium and short-range capital; cost-volume-profit relationships; variable costing credit control; communication.

TEXTBOOKS

Anthony, R. N. *Essentials of Accounting*. Addison-Wesley, 1964.

Moore, C. L. & Jaedicke, R. K. *Managerial Accounting*. 2nd ed. South Western, 1967.

33.072G Business Law

Introduction to the law, including discussion of the sources of law in New South Wales. General principles of law of contract; aspects of commercial law including sale of goods, negotiable instruments, commercial arbitration, insurance law; and introduction to bankruptcy and company law.

TEXTBOOKS

Vermeesch, R. & Lindgren, K. *Business Law in Australia*. Butterworth, 1971.

Williams, G. *Learning the Law*. 8th ed. Stevens, 1969.

33.301G The Social Framework of Business

The interaction between business, government and society. The historical forces that have created the present environment and the elements of change that will shape the world of the future. The object of the course is to provide a basis for drawing together studies of the diverse elements of the management process, and helping a student to see these in terms of a creative response to the problems of a challenging environment.

TEXTBOOKS

Ardrey, R. *The Territorial Imperative*. Fontana, 1969.

Bronowski, J. & Mazlich, B. *The Western Intellectual Tradition*. Pelican, A631, 1970.

Davies, A. F. & Encel, S. eds. *Australian Society*. 2nd ed. Cheshire, 1970.

Mayer, H. ed. *Australian Politics: A Second Reader*. Cheshire, 1967.

McNeill, W. H. *The Rise of the West*. Part 3. Mentor Paperback, 1963.

33.302G Behavioural Science I

A general introduction to the behavioural sciences, including a review of the history, methodology and emphases of the basic behavioural disciplines; the biological bases of human behaviour; theories of personality development; the significance of socio-cultural influences and determinants; the development of individual differences, learning, and need satisfaction; the origins, nature and meanings of motivational and emotional processes; the description, diagnosis and measurement of human abilities; the dynamics of conflict and frustration. The implications of these issues for the work of the modern manager is considered in some detail.

TEXTBOOKS

- Backman, C. W. & Secord, P. F. eds. *Problems in Social Psychology*. McGraw-Hill, 1966.
- Berger, P. L. *Invitation to Sociology*. Pelican.
- Gibb, C. A. ed. *Leadership*. Penguin.
- Hilgard, E. R., Atkinson, R. C. & Atkinson, R. L. *Introduction to Psychology*. 5th ed. Harcourt, Brace, Jovanovich, 1971.
- Lazarus, R. & Opton, M. *Personality*. Pelican.
- Vroom, V. H. & Deci, E. L. *Management and Motivation*. Penguin, 1970.

33.303G Management Accounting and Information Systems I

An integrated introduction to management information systems, computer applications and essentials of accounting. Concepts of information, measurement and communication; operations analysis, flow-charting and decision tables; the accounting process as an information system; accounting systems and records; introduction to computer applications and system planning.

TEXTBOOKS

- Carrington, A. S. & Battersby, G. B. *Accounting—Concepts, Systems, Applications*. Aust. ed. Whitcombe & Tombs, 1971.
- Grouse, P. J. *Data Processing and Information Systems*. New College Publications, 1970.
- Murdick, R. G. & Ross, J. E. *Information Systems for Modern Management*. Prentice-Hall, 1971.
- Welsch, G. A. *Cases in Profit Planning and Control*. Prentice-Hall, 1970.

33.304G Micro-economics and Business Decisions

Basic economic analysis relevant to business decisions. The concept of optimization and marginal analysis; the theory and measurement of demand; production theory, cost analysis and measurement; the firm and its objectives; market structures; price and output analysis and strategies; the nature, measurement and impact of technological change on the firm; capital budgeting and investment decisions; government economic policy, including tariff policy and restrictive trade practices policy in Australia.

TEXTBOOKS

Haynes, W. W. *Managerial Economics*. Rev. ed. Dorsey, 1969.

Mansfield, E. *Microeconomics*. Norton, 1970.

33.305G Organization Theory I

A general introduction to organization theory covering the classical, human relations, socio-technical and decision theory approaches. Identification of the following organizational variables: (i) formal structure, analysing hierarchy, authority relationships, control systems and status; (ii) informal structure, analysing interest, friendship and work groups, behaviour controls and informal leaders; (iii) the individual; (iv) the technology and physical environment; (v) role performance, including discussion of role theory, the interdependencies of roles, member action, communication, decision-making and tension in role performance. The relationship between an organization and the rest of society.

TEXTBOOKS

Barnard, C. I. *The Functions of the Executive*. Harvard U.P., 1968.

Hunt, J. W. *Evolving Organisations*. Wiley, Sydney, 1971.

Katz, D. & Kahn, R. L. *The Social Psychology of Organizations*. Wiley, N.Y., 1966.

March, J. G. & Simon, H. A. *Organizations*. Wiley, N.Y., 1958.

33.306G Quantitative Analysis in Business I

An introduction to the model building process, and the mathematical tools used in modelling business problems. This course provides an introduction to both the deterministic and probabilistic tools commonly used. Basic deterministic tools discussed: the use of calculus in the search of optimal solutions; matrix algebra. Basic probabilistic tools discussed: the role of statistics in data collection and handling; probability theory; Bayesian decision theory; regression analysis; elementary Markov processes.

TEXTBOOKS

Dyckman, T. R., Smidt, S. & McAdams, A. K. *Management Decision-making under Uncertainty*. Macmillan, 1969.

Wagner, H. M. *Principles of Management Science*. Prentice-Hall, 1970.

33.307G Seminars in Contemporary Business Issues

These seminars will explore in depth specific issues raised in The Social Framework of Business course. Eminent leaders in government and

business will participate in the seminars in association with members of the academic staff.

TEXTBOOK

Faunce, W. A. *Problems of an Industrial Society*. McGraw-Hill, N.Y., 1968.

33.308G Behavioural Science II

Perceptual processes; techniques for appraising personality characteristics; psychological processes in communication; reactions to conflict and frustration in individuals and groups; behaviour disorders; the origin, maintenance and modifications of attitudes; group dynamics; human behaviour in organizations; leadership: selection and training procedures; industrial relations; industrial conflict.

TEXTBOOKS

Backman, C. & Secord, P. F. eds. *Problems in Social Psychology*. McGraw-Hill, 1966.

Berger, P. L. *Invitation to Sociology*. Pelican.

Gibb, C. A. ed. *Leadership*. Penguin.

Hilgard, E. R., Atkinson, R. C. & Atkinson, R. L. *Introduction to Psychology*. 5th ed. Harcourt, Brace, Jovanovich, 1971.

Lazarus, R. & Opton, M. *Personality*. Pelican.

Vroom, V. H. & Deci, E. L. *Management and Motivation*. Penguin, 1970.

33.309G Macro-economics and Policy

The total economic environment of the Australian firm, national income accounting; determination of aggregate output and employment; wage determination; the nature and causes of cyclical fluctuations and inflation; the characteristics and analysis of the financial system with special reference to the banking system and capital markets; international trade, exchange rates and balance of payments adjustments; government economic policy for short- and long-run stabilization of the economy; economic growth.

TEXTBOOKS

McKenna, J. P. *Aggregate Economic Analysis*. 3rd ed. Holt, Rinehart & Winston, 1969.

Neville, J. W. *Fiscal Policy in Australia: Theory and Practice*. Cheshire, 1970.

Pen, J. *Modern Economics*. Penguin, 1967.

33.310G Management Accounting and Information Systems II

Management information systems including internal reporting and control, cost concepts and decision analysis, budgetary control and profit planning, standard costs, responsibility accounting and performance

measurement. Accounting and operations research including budget simulation and decision models. Integrated information systems. Financial reporting and forms of business organization, financial management, analysis and interpretation of accounting data.

TEXTBOOKS

Greene, W. C. *Case Problems in Managerial Accounting*. Holt, Rinehart & Winston, 1964.

Grouse, P. J. *Data Processing and Information Systems*. New College Publications, 1970.

Moore, C. L. & Jaedicke, R. K. *Managerial Accounting*. 2nd ed. South Western, 1968.

Murdick, R. G. & Ross, J. E. *Information Systems for Modern Management*. Prentice-Hall, 1971.

Welsch, G. A. *Cases in Profit Planning and Control*. Prentice-Hall, 1970.

33.311G Organization Theory II

Aspects of organizations: intervariable relationships between the formal structure, the informal structure, the individual, the external environment, organization size and technology, internal and external organizational equilibrium and indicators for change in intervariable relationships. Analysis of research into organization change, and of techniques for producing change. The theories and practices of such writers as Jaques, Rice, Sofer, Blake, Mouton, Reddin, Likert, Guest.

TEXTBOOKS

Dalton, G., Lawrence, P. R. & Greiner, L. E. *Organizational Change and Development*. Dorsey, Ill., 1970.

Downes, A. *Inside Bureaucracy*. Little, Brown, Boston, 1967.

Wills, N. R. & Hunt, J. W. *Case Studies in Organisational Behaviour*. Wiley, Sydney, 1971.

33.312G Production

The nature of the production function. Decision and planning approaches to the organization and establishment of the production function, including aspects of location, layout, product development and associated evaluative analyses. Planning and control of operations, including scheduling, methods engineering, inventory control and quality control. Use of appropriate quantitative models and programming.

TEXTBOOK

Buffa, E. S. *Modern Production Management*. 3rd ed. Wiley, 1969.

33.313G Quantitative Analysis in Business II

This course uses the tools introduced in 33.306G Quantitative Analysis in Business I to develop some commonly used management models. Linear

programming is used to examine problems of resource allocation as well as flows in networks. Dynamic programming is applied to simple production planning problems. Bayesian decision theory is extended to cover both inventory and production planning problems. An examination of some statistical methods commonly used in business, particularly the concepts of confidence levels and sampling techniques.

TEXTBOOKS

Dyckman, T. R., Smidt, S. & McAdams, A. K. *Management Decision-Making under Uncertainty*. Macmillan, N.Y., 1969.

Wagner, H. M. *Principles of Management Science*. Prentice-Hall, 1970.

33.314G Finance I

The primary aim of this course is to help students to develop a defensible basis for making decisions in respect to the acquisition and utilization of funds as part of the general management of the firm. The course will focus on the theory and analysis underlying questions of size and rate of growth of asset structure, control of asset structure, composition of financial structure and problems of sequential financing.

TEXTBOOKS

Butters, J. K. *Case Problems in Finance*. 5th ed. Irwin, 1969.

Serraino, W. R., Singhvi, S. S. & Soldofsky, R. M. *Frontiers of Financial Management*. South-Western, 1971.

Weston, J. F. & Bringham, E. F. *Managerial Finance*. 2nd ed. Holt, Rinehart & Winston, 1966.

33.315G Marketing I

Concept of a marketing system. The problems that management faces in achieving a pattern of profitable growth. Development of the marketing concept; the buyer decision process and change elements in the environment; the broad strategic option open to a firm; the concept of the market mix; product planning, pricing, distribution, communication; organizational implications of marketing.

Emphasis will be placed on the Australian environment as a key factor in specific marketing decisions. Students will be expected to study in detail the problem faced by selected Australian companies.

TEXTBOOK

Kotler, P. *Marketing Management: Analysis, Planning and Control*. Prentice-Hall, 1967.

33.316G Strategic Planning and Problem Solving I

Corporate strategy. Overall general management of business enterprise, policy construction at the executive level and the planning aspects of policy implementation. The course will aim to integrate and apply know-

ledge acquired in previous and concurrent courses. It will use the case study method during which students will be expected to appraise a corporation's present position and future prospects; to assess potential risks and opportunities; to plan the human and physical resources and the activities of the enterprise required to achieve corporate objectives.

33.317G Finance II

This course develops in more detail the concept of maximizing the equity investment of the firm and considers the critical and more complex decisions faced by management in achieving the financial objective, including optimum capital structure and dividend policy; long-term capital structure and cost of capital; financial development and mergers; long-term financial strategy.

TEXTBOOKS

Butters, J. K. *Case Problems in Finance*. 5th ed. Irwin, 1969.

Lerner, E. M. *Managerial Finance: A Systems Approach*. Harcourt, Brace, Jovanovich, 1971.

Van Horne, J. C. *Financial Management and Policy*. Prentice-Hall, 1968.

33.318G Marketing II

This course develops in more detail the concept of the market mix and considers the selection of suitable marketing strategies.

TEXTBOOKS

Brown, M. P. *et. al. Problems in Marketing*. 4th ed. McGraw-Hill, 1968.

Kotler, P. *Marketing Management: Analysis, Planning and Control*. Prentice-Hall, 1967.

33.319G Strategic Planning and Problem Solving II

This course develops a more advanced treatment of corporate strategy. Advanced cases will involve not only the development of comprehensive corporate strategies but also the examination in depth of the implications and implementation of such strategies.

33.320G Inter-personal Skills

The determinants and ramifications of inter-personal competence; techniques for self-assessment; introduction to interviewing; counselling; the diagnosis, prevention and amelioration of behavioural disturbances in individual and groups; a review of modern techniques for influencing human behaviour including advertising, "brainwashing", T-groups, managerial grid, basic encounter groups.

33.321G Interviewing and Counselling

Theory and practice of interviewing and counselling in the business organization. The course will include practical experience in conducting, evaluating and summarizing interviews and counselling sessions.

33.322G The Individual and the Organization

Interactions between individuals and groups in organizations. Data yielded by research in various behavioural sciences will be considered, with particular emphasis upon some significant theories which have been investigated by social psychologists. The data thus examined will be applied to the practical processes and problems which confront managers in the business environment. Particular emphasis is given to providing students with feedback on their own performance in work and social situations and to developing skills of analysis, communication, and action.

33.323G Advanced Management Accounting

An advanced treatment of the use of accounting in managerial decision-making, planning and control of business activities. Planning and operational budgets, profit planning, long-range planning and capital budgeting. Management control, including cost systems, variance analysis, inventory management and network analysis. Performance evaluation, including rate of return analysis. Application of statistics and operations research to management accounting.

TEXTBOOKS

- Benston, G. J. *Contemporary Cost Accounting and Control*. Dickenson, 1970.
- Dopuch, N. & Birnberg, J. G. *Cost Accounting: Accounting Data for Management's Decisions*. Harcourt, Brace, Jovanovich, 1969.
- Welsch, G. A. *Cases in Profit Planning and Control*. Prentice-Hall, 1970.

33.324G Advanced Information Systems

Management information systems with particular reference to computer applications. Survey, review and feasibility studies; evaluation of system and equipment proposals; system design and documentation; comprehensive treatment of business data processing applications; integration of commercial, managerial and technological information needs; advanced aspects of flow-charting and computer programming; significance of emerging developments in computer technology and information theory.

TEXTBOOKS

- Emery, J. C. *Organisational Planning and Control Systems*. Macmillan, 1969.
- Grouse, P. J. *Data Processing and Information Systems*. New College Publications, 1970.

Hein, L. W. ed. *Contemporary Accounting and the Computer*. Dickenson, 1969.

Schoderbek, P. P. ed. *Management Systems*. Wiley, 1967.

33.325G Corporate Accounting and Control

Accounting aspects of the corporation in society, including: accountability through income measurement and external reporting; the audit function, internal and external; price-level movements; corporate growth, expansion and diversification; working capital management and fund flow analysis; development of professional standards in accounting and auditing.

TEXTBOOKS

Johnston, T. R. & Jager, M. O. *The Law and Practice of Company Accounting in Australia*. 2nd ed. Butterworth, 1966.

Mason, E. S. *The Corporation in Modern Society*. Harvard U.P., 1961.

Mautz, R. K. & Sharat, H. *The Philosophy of Auditing*. American Accounting Association, 1961.

A Statement of Basic Accounting Theory. American Accounting Association, 1966.

Accounting Research Studies Nos. 1, 3 & 6. American Institute of Certified Public Accountants, 1961-1963.

33.326G Business Law and Taxation

Law and the legal system. Respective roles of Federal and State parliaments, courts and agencies. Courts, judges, lawyers and the nature of the judicial process. Contracts, their nature, definition and importance. Problems arising in the formation, performance and breach of contracts. Industrial law. The law concerning torts, property, banking and negotiable instruments, agency, sale of goods, insurance, trusts. The law and forms of business organization—sole traders, partnerships, corporations. The corporation in society. Restrictive trade practices legislation. Taxation and business. Company taxation. Business income. Tax planning. International taxation.

TEXTBOOKS

Baalman, J. *Outline of Law in Australia*. 3rd ed. Law Book Company, 1968.

Bock, F. & Mannix, E. *Australian Income Tax Law and Practice*. Vols. I & III. 9th ed. Butterworth.

Borrie, G. & Diamond, A. I. *The Consumer Society and the Law*. 2nd ed. Penguin, 1968.

Dey, J. F. *An Outline of Industrial Law*. Law Book Company, 1965.

Friedman, W. *Law in a Changing Society*. Pelican, 1964.

Mason, H. H. & O'Hair, J. S. *Australian Company Law*. 1st ed. McGraw-Hill, 1969.

Vermeesch, R. & Lindgren, K. *Business Law in Australia*. Butterworth, 1971.

33.327G Controllership

An integration of the field of management accounting with corporate and financial accounting aspects to provide a study in depth in the use of accounting systems and methodology in corporate policy-making planning and control.

TEXTBOOKS

- Rappaport, A. ed. *Information for Decision-Making*. Prentice-Hall, 1970.
Van Horne, J. C. *Financial Management Policy*. Prentice-Hall, 1968.
Vatter, W. J. *Operating Budgets*. Wadsworth, 1969.

33.328G Special Seminar in Accounting and Law

A seminar course for selected students wishing to pursue advanced aspects of accounting and law as a preparation for research or professional specialization.

33.329G Industrial Growth and Policy

The structure of firms and industries, recent changes in industrial structure; problems of ownership and control; the growth of the modern corporation; economic aspects of mergers; the analysis of technical change and productivity growth; entrepreneurship and innovation; the economics of research and development and the diffusion of technological knowledge; forms of industrial control structure; the government and its role as consumer, producer, and promoter of industrial activities; policies to promote or regulate competition, including restrictive trade practices and policy.

33.330G Contemporary Economic Problems

Contemporary Australian and world economic problems of direct concern to management in Australia. Wages policies; international trade; international monetary and exchange rate problems; inflation and economic growth; tariff policy; overseas investment; the economics of research and development; money and capital markets; long-range economic planning; economic and manpower forecasting; regional development; problems of underdeveloped countries; economic aspects of international business.

TEXTBOOKS

- Chamberlain, N. W. ed. *Contemporary Economic Issues*. Irwin, 1969.
Johnson, H. G. *Economic Policies toward Less Developed Countries*. Allen & Unwin, 1968.
Lamberton, D. M. *Science, Technology and the Australian Economy*. Tudor, 1970.
Mathews, R. *Public Investment in Australia*. Cheshire, 1967.
Mishan, E. J. *The Costs of Economic Growth*. Pelican, 1969.
Perkins, J. O. N. *Australia in the World Economy*. Sun Books, 1968.

33.331G Industrial Relations

The structure and role of trade unions and employers' organizations; the arbitration system; wages; collective bargaining; arbitration and the settlement of industrial disputes; arbitration and industrial efficiency; science, technology and manpower.

TEXTBOOKS

- Flanders, A. ed. *Collective Bargaining: Selected Readings*. Penguin, 1969.
Howard, W. & Riach, P. *Productivity Bargaining in Australia*. Wiley, 1972.
Isaac, J. E. & Ford, G. W. eds. *Australian Labour Relations: Readings*. 2nd ed. Sun Books, Melbourne, 1970.
Matthews, P. W. D. & Ford, G. W. eds. *Australian Trade Unions: Their Development, Structure and Horizons*. Sun Books, 1968.
Walker, K. F. *Australian Industrial Relations Systems*. O.U.P., Melbourne, 1971.

33.332G International Trade and Development

Basic principles of international trade including interrelationships between trade, payments arrangements and balance of payments problems; commercial policies such as tariffs, quantitative and qualitative restrictions and subsidies and other aspects of export promotion; the international monetary system; problems of less developed economies, especially in South-East Asia; foreign aid; regional trading arrangements, e.g., the European Common Market; national and international trade and payments policies.

33.333G Economic and Business History

Comparative and historical treatment of the growth of firms and the modern corporation; the changing structure of industrial development; entrepreneurship and economic change; changing social and business attitudes; comparative economic organizations.

33.334G Advanced Managerial Economics

Advanced techniques of special concern to the business economist. Mathematical model-building, techniques and problems; decision theory and planning of production, work force and inventories; design of decision systems; dynamic programming; sensitivity analysis; integrated models of the firm; econometric models of the economy.

33.335G Organizational Analysis

Analysis of the research into intervariable relationships and the interdependencies of variables. Techniques used in organization research to establish variable relationships including field studies, case studies, field experimentation, comparative analysis, laboratory simulations. The instru-

ments used for organizational analysis; structured and unstructured interviews, sociometric analysis, attitude surveys, climate surveys.

Indicators for change in organizations stressing human indicators, such as motivation, conflict, need satisfaction. The change process: natural and induced changes. Techniques used in data collection, in analysing the change process, in establishing interpersonal relationships and in inter-variable manipulations. The function of external pressures in organization change.

TEXTBOOKS

- Crozier, M. *The Bureaucratic Phenomenon*. Phoenix Books, Chicago, 1967.
Downes, A. *Inside Bureaucracy*. Little, Brown, Boston, 1967.
Etzioni, A. *Complex Organizations*. 2nd ed. Holt, Rinehart & Winston, N.Y., 1970.
March, J. G. ed. *Handbook of Organizations*. Rand McNally, Chicago, 1965.

33.336G Organization Planning

The functions of organization planners, the organization planning department and the combination of skills. Modifications to structural variables, to resource procurement, to the maintenance system. The course will cover the analysis of the problems of total systems rather than one part of the system. The focus will be intervariable dependencies and research in structural changes. Students will be required to prepare a plan for one organization covering all aspects of the corporate plan.

TEXTBOOKS

- Crozier, M. *The Bureaucratic Phenomenon*. Phoenix Books, Chicago, 1967.
Etzioni, A. *Complex Organizations*. 2nd ed. Holt, Rinehart & Winston, 1970.
March, J. G. ed. *Handbook of Organizations*. Rand McNally, Chicago, 1965.

33.337G Personnel Relations

This course is intended for those students wishing to specialize in personnel management. The functions of personnel managers and personnel departments.

Techniques for maintaining the human resource; manpower planning, recruitment, selection, induction, training and motivation; the techniques of the formal structure; the division of work, job descriptions, man specifications, appraisal schemes, skill analysis, salary administration, work measurement, incentive schemes and safety programmes. An analysis of organization change; a review of techniques used by change agents and the preparation by students of a change programme.

TEXTBOOKS

- Miner, J. B. *Personnel Psychology*. Macmillan, 1969.

Strauss, G. & Sayles, L. R. *Personnel: The Human Problem of Management*. 2nd ed. Prentice-Hall, 1967.

Yuill, B. *Personnel for Australian Management*. West, 1968.

33.338G Production Management

The use of human and physical resources: methods engineering, ergonomics, motion and time study, financial incentives, applications to machine-controlled processes, work sampling and data collection; plant location, factory layout. Production and quality control: control of jobbing, repetitive batch and continuous production; manufacturing organizations, functions, interrelationships and information flow; sampling techniques in quality control, control charts.

33.339G Introduction to Operations Research

The formation and optimization of mathematical models of industrial processes; the development of decision rules; some techniques of operations research and applications, e.g., mathematical programming, queuing theory, inventory models, simulation.

TEXTBOOK

Wagner, H. M. *Principles of Operations Research*. Prentice-Hall, 1969.

33.340G International Business

The ramifications of international business in general and of the international business corporation in particular. The role of the American, British and Japanese-based international corporations from the standpoint of their trading philosophies, their financial, production and marketing policies, as well as their attitudes to the national economies in which they have sought domicile. The problem such corporations have raised, as well as solved.

33.341G Australian Financial Structure

This course will extend the material on the Australian financial structure covered in the Finance course and is designed to provide a comprehensive framework for analysing efficient and effective financing decisions. The processes and structures which determine the flow of funds within the Australian capital and money markets; factors governing the behaviour of the major participants in the market; the development of techniques of forecasting and the projections of changes likely to occur in the markets.

TEXTBOOKS

Hirst, R. R. & Wallace, R. H. eds. *Studies in the Australian Capital Market*. Cheshire, 1967.

Perkins, J. O. N. & Sullivan, J. E. *Banks and the Capital Market: An Australian Study*. Melbourne U.P., 1970.

Rose, P. J. *Australian Securities Markets*. Cheshire, 1969.

33.342G Investments

The factors affecting potential company growth rates as a basis for understanding the probable implications of alternative investment decisions. An analysis of the investment characteristics of major security types, their related return and risk opportunities; the theory, principles and techniques which are relevant in making specific selection decisions from the available market; the relevance of stable company growth to the economic growth and stability of the nation.

TEXTBOOKS

Amling, F. *Investments—An Introduction to Analysis and Management*. 2nd ed. Prentice-Hall, 1970.

Renwick, F. B. *Introduction to Investments and Finance—Theory and Analysis*. Macmillan, 1971.

33.343G International Finance

This course extends the material on international finance covered in the Finance course. The functioning of the world financial system. International liquidity; the role of national and international financial institutions; special features of world financial centres; the implications of future trends in international finance on Australian growth and development.

33.344G Comparative Marketing Systems

A comparative study of the marketing systems of countries at various levels of economic development. The relation between social conditions in a country and the manner in which marketing takes place, the nature and operation of the marketing system itself, and the patterns of personal behaviour and interaction in the socio-marketing activity. Introduction to the problems and possibilities of international marketing.

TEXTBOOKS

Boddewyn, J. *Comparative Marketing and Management: Text and Readings*. Scott, Foresman, 1969.

Carson, D. *International Marketing: A Comparative Systems Approach*. Wiley, 1967.

33.345G Buyer Behaviour

This course will extend the material on the buyer decision process covered in the previous course in Marketing. Consumer and industrial buying processes. The influence of Howard, Engels, Nicosia and others.

33.346G Mathematical Models and Marketing Management

Application of mathematical models to marketing problems. New

product planning; pricing; advertising; sales management; distribution; Bayesian decision theory in marketing.

TEXTBOOK

Kotler, P. *Marketing Decision-making: A Model Building Approach*. Holt, Rinehart & Winston, 1971.

33.347G Marketing Decision and Information Management

The integration and range of data sources into the decision-making process. Relation of marketing decisions to information needs. The methodology and use of marketing research in the content of marketing decision. The decision-making process; specification of information needs; the design of suitable experimental and non-experimental research; analysis of research results and their incorporation into decision-making.

TEXTBOOKS

Ansoff, H. I. ed. *Business Strategy*. Penguin Modern Management Readings, 1969.

Emery, J. C. *Organizational Planning and Control Systems*. Macmillan Decision Series, 1969.

33.348G An Introduction to International Marketing

Developing suitable marketing strategies in the export field; problems of implementation and organization in international business. The course will draw substantially on material covered in previous courses and the basic concepts developed in those courses will be examined in the context of international marketing and their relevance to Australian export practice considered.

TEXTBOOKS

Farmer, R. N. & Richman, B. M. *International Business: An Operational Theory*. Irwin, 1966.

Miracle, G. E. & Albaum, G. S. *International Marketing Management*. Irwin, 1970.

33.349G Mass Communication in Marketing

The effects of mass and interpersonal communications upon human behaviour: (i) the sociology of mass communications: theoretical issues are examined historically and logically, the empirical researches reviewed; (ii) mass communications in marketing: contemporary theory and research with the main emphasis on the effects of advertising (especially television) upon buyer attitudes and behaviour.

33.350G Seminar in Marketing Theory

The functionalist theory of marketing developed by Alderson. Mathematical model-building in the area of consumer behaviour; the design and operation of vertical marketing structures; the spatial aspects of marketing systems.

33.501G Organization and Management Theory

The structure of organization; the theory on which the structure is based; organization planning; communication within the organization; information systems; the process of decision-making. Management is viewed in the light of growth of ideas on the nature of management; the principles of management; the role of the manager and his part in the administrative process.

TEXTBOOKS

- Dalton, G., Lawrence, P. R. & Greiner, L. E. *Organizational Change and Development*. Dorsey, 1970.
- Emery, F. E. *Systems Thinking*. Penguin Modern Management Readings, No. 140800719, 1969.
- Filley, A. C. & House, R. J. *Managerial Process and Organizational Behaviour*. Scott, Foresman, 1969.
- Hunt, J. W. *Evolving Organisations*. Wiley, 1971.
- Wills, N. R. & Hunt, J. W. *Case Studies in Organisational Behaviour*. Wiley, 1971.

33.502G Behavioural Science

A general introduction to the behavioural sciences: the biological bases of human behaviour; the significance of socio-cultural influences; learning; motivational and emotional processes; measurement of human abilities; perceptual processes; theories of personality development; attitudes; group dynamics; human behaviour in organizations; leadership; selection and training procedures; communication.

TEXTBOOKS

- Backman, C. W. & Secord, P. F. eds. *Problems in Social Psychology*. McGraw-Hill, 1966.
- Berger, P. L. *Invitation to Sociology*. Pelican.
- Gibb, C. A. ed. *Leadership*. Penguin.
- Hilgard, E. R., Atkinson, R. C. & Atkinson, R. L. *Introduction to Psychology*. 5th ed. Harcourt, Brace, Jovanovich, 1971.
- Lazarus, R. & Opton, M. *Personality*. Pelican.
- Vroom, V. H. & Deci, E. L. *Management and Motivation*. Penguin, 1970.

33.503G Economic and Financial Management

The first part of this course is concerned with that portion of economics which has to do specifically with managerial decision-making. It includes an examination of models of economic behaviour, demand analysis, the role of cost in decision-making, issues in pricing; the problem of time, uncertainty and risk; product strategy; and location analysis. The second part is concerned with the critical decisions in financial management. Its main focus is on the theory and analysis underlying a defensible basis for making financial decisions.

Australian and international economic institutions and fiscal and monetary policy. Basic economic concepts which are directly relevant to day-to-day business decisions about costs and prices. An examination of the theory of financial analysis.

TEXTBOOKS

Butters, J. K. *Case Problems in Finance*. 5th ed. Irwin, 1969.

Johnson, R. W. *Financial Management*. 4th ed. Allyn & Bacon, 1971.

Stokes, C. J. *Managerial Economics—A Casebook*. Random House, 1969.

Stokes, C. J. *Managerial Economics—Textbook on the Economics of Management*. Random House, 1969.

33.504G Quantitative Methods

Formulation of the problem requiring an analysis of the overall operation, which should result in a determination of objectives, and the selection of a suitable measure of effectiveness, or variables and system parameters. Construction of the model requiring the search for a relationship between the measure of effectiveness and the set of variables and system parameters. Quantification of the model requiring the introduction of statistical techniques. Solution from the model requiring the optimization of the measure of effectiveness in terms of the system parameters using mathematical techniques. Electronic data processing covering an introduction to the use of E.D.P. in business situations.

TEXTBOOK

Bierman, H. et al. *Quantitative Analysis for Business Decisions*. Irwin, 1965.

33.505G Business Policy

Analysis of administrative cases drawn from published and unpublished sources in the fields of management, organization, finance, personnel relations, marketing and production. Students are required to examine cases drawn from actual administrative situations and to present their analysis under the direction of a case leader.

TEXTBOOKS

Fargher, K. H. *Cases in Australian Business*. U.N.S.W. Press, 1970.

Learned, E. P., Christensen, C. R., Andrews, K. R. & Guth, W. D. *Business Policy Text and Cases*. Irwin, 1969.

Ziegler, R. J. *Business Policies and Decision Making*. Appleton-Century-Crofts, 1966.

33.507G Production Management

The development, design, operation and control of production systems: management of the production of goods and services—history and nature, its role in business organization; types of production processes; the design of physical facilities, plant location and layout, job design and measurement; design of the information flow system, its integration into a unified control system, sales-production co-ordination, cost control. The application of analytical tools such as inventory theory and linear programming is considered.

33.509G Electronic Data Processing

The role of systematic information in management; development of equipment for processing information. Introduction to data processing method: (a) system study, (b) determining information needs, (c) system design, (d) programming methods. Managing the development of systems; managing data processing operations; exploiting data processing in the management of organizations.

TEXTBOOKS

Grouse, P. J. *Data Processing and Information Systems*. New College Publications, 1970.

Solomon, I. I. & Weingart, L. O. *Management Uses of the Computer*. Mentor, 1966.

33.510G Social Administration

The organization of society for social security, health and welfare. Processes of policy formation by and through a variety of social institutions; identification, description and analysis of social needs, issues involved in decision-making, the ways and means by which choices and policy are translated into social provisions, administration of services and assessment of their functioning and the extent to which aims of policy are achieved.

33.511G Personnel Management

Recruitment, selection, promotion, job evaluation and salary administration, education, training, placement policies, incentive schemes, staff reporting and counselling, appraisal and control of personnel; personal, group and organization development programs.

TEXTBOOKS

Miner, J. B. *Personnel Psychology*. Macmillan, 1969.

Strauss, G. & Sayles, L. R. *Personnel: The Human Problems of Management*. 2nd ed. Prentice-Hall, 1967.

Yuill, B. *Personnel for Australian Management*. West, 1968.

33.512G Small Business

Main problems of an entrepreneur beginning or buying a small business and those problems likely to be experienced in its day-to-day conduct as the business grows. Australian and overseas case studies are used extensively throughout the course.

TEXTBOOK

Hosmer, W. A., Tucker, F. L. & Cooper, A. C. *Small Business Management*. Irwin, 1966.

33.513G Public Administration

Administrative behaviour and the role and functions of the administrator in the public sector of the economy. Problems associated with decision-making and policy formulation. Institutions of government, with special attention to the Australian environment: the role of the national parliament and its various executive organs, namely the cabinet, the Commonwealth public service and the Commonwealth statutory bodies. The nature of Australian federalism; the role of the State parliaments and their executive organs.

The Australian Constitution in light of changed and changing economic circumstances in Australia. Administrative law, and financial, political and economic relationships between the three principal levels of government in Australia, national, state and local. The impact of pressure groups on government. Recruitment and personnel policies and practices.

SCHOOL OF POLITICAL SCIENCE

Courses in the School of Political Science are concerned with the study of political ideas, institutions and activity in such a way as to encourage a critical understanding of the problems and processes of government and politics in different societies and at different times, and of some of the main theories that have been developed to account for, and sometimes to advocate, these governmental forms and actions.

54.111 Political Science I

Session 1. General introduction on the nature of politics, with emphasis on theories of democracy as well as upon some major political theories illustrated by some "great debates" on important general political issues. Session 2. The study of Australian Government and Politics and an introduction to international politics.

TEXTBOOKS

- Crisp, L. F. *Australian National Government*. Longmans, 1970. Paperback.
Dahl, R. *Modern Political Analysis*. 2nd ed. Prentice-Hall, 1969. Paperback.
Dahl, R. *Polyarchy—Participation and Opposition*. Yale U.P., 1971.
Frankel, J. *International Relations*. 2nd ed. O.U.P., 1969.
Friedrich, C. J. *An Introduction to Political Theory*. Harper & Row, 1967.
Mayer, H. ed. *Australian Politics—A Second Reader*. Cheshire, 1969. Paperback.
Miller, J. D. B. *The Nature of Politics*. Pelican, 1965.
Sawer, G. *Australian Government Today*. Latest ed. M.U.P. Paperback.
Tinder, G. *Political Thinking: The Perennial Questions*. Little, Brown, 1970. Paperback.

54.112 Political Science II

Session 1: *Either Comparative European Governments or Government and Politics in the United States.*

Session 2: *Comparative Foreign Policy.* In each session a short course on Modern Ideologies will run parallel with the major course, Part I in Session 1 and Part II in Session 2.

TEXTBOOKS

Consult Arts Faculty Handbook or School of Political Science.

54.122 Political Science II (Honours)

Supplements and extends the theoretical sections of the pass course, with special attention to Marxism and right-wing ideologies.

Particulars of other courses offered by the School of Political Science will be found in the *Handbook* of the Faculty of Arts or may be obtained from the School.

LAW

90.111 The Legal System

This subject is taught over two sessions in the first year of each Law course. A topic of law is selected, the subject matter of which is itself of general interest, and is examined in depth as a vehicle to introduce students to important features of the legal system, and of judicial and legislative processes and techniques including the operation of precedent, statutory interpretation and the interaction of case law and statutory law. The topic selected is one in which contract, tort, and criminal law all interact, so that the subject will serve specifically as an introduction to the later Common Law subjects as well as to the legal system as a whole. In 1971 the topic selected will be Consumer Protection Law, which will allow a study of the evolution of the law from its original *caveat emptor* approach, through codification in the Sale of Goods Act, the dilemma of common form contracts and unequal bargaining power generally, the development of the law of tort in the context, the relevance of criminal law, legislative intervention, the new institution of hire purchase and its regulation, and further possibilities of law reform.

90.121 Common Law 1**90.122 Common Law 2**

The object of this course is to provide a thorough grounding in the basic principles of torts, contracts and criminal law and to encourage students to approach the common law, not as a number of compartmentalized subjects but as a coherent body of law under which one factual situation may give rise to a consideration at one and the same time of the legal rules relating to torts, contracts and criminal law.

The following will be the major areas of study: an historical conspectus dealing with the early affinity of crimes and civil wrongs and the necessity for the development of a wider range of remedies which led to the emergence of the modern legal rules relating to torts and contracts; the rules relating to formation of contracts and to liability in crime and tort for injuries to the person; torts, criminal law and contracts relating to tangible property; an investigation of civil and criminal liability for misrepresentations; civil and criminal liability for injurious statements and obligations arising out of contracts; an examination of the relevance of mental elements and of participation in torts, contracts and crimes; an investigation of the concept of strict liability; defences and remedies; and the abuses of the judicial process.

90.211 Public Law 1**90.212 Public Law 2**

Designed to introduce students to the fundamental principles and methods of our system of Public Law. In the process it aims to present some of the more significant areas of Public Law for detailed study.

The course incorporates substantial elements of constitutional history

TIMETABLE

In general, subjects are arranged in numerical order, under the heading of the School concerned. Humanities subjects appear at the end of the table. The times at which subjects not included in this list are available may be ascertained on application to the School or Department concerned.

The times shown are provisional and are subject to alteration. Students must consult the notice-boards for information about any alterations to the Timetable.

The inclusion of a subject in this list does not necessarily mean that it will be offered. If there are insufficient enrolments for particular subjects, these subjects may not be offered. Where alternative times are shown, such subjects may not be offered more than once if there are insufficient enrolments.

The final allocation of students to particular tutorials will be made on enrolment and cannot be varied thereafter except with the permission of the Head of School concerned.

A Timetable showing room numbers will be posted on notice-boards before first term begins.

(British and Australian), constitutional law (British, State and Federal), civil liberties and administrative law. It also includes elements of jurisprudence, political science, comparative law and international law. Each session unit of the course has its own special emphasis—Public Law 1 Session 1, “principles of power”; Public Law 1 Session 2, “the individual and the State”; Public Law 2, “the federal arrangement”.

Public Law 1 will be taught over two sessions; Public Law 2 in one session.

(Certain matters dealt with in the course, particularly the Commonwealth Constitution and Administrative Law, will be available for more detailed study in elective subjects offered in the later years of the law course.)

School of Mathematics

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
10.001	Mathematics I	T. 12-1, Th. 12-1, 2-3, F. 11-12 or W. 12-1, Th. 12-1, 2-3, F. 11-12 or W. 12-1, Th. 12-1, 2-3, F. 9-10 or M.10-11, T. 12-1, Th. 10-11, F. 10-11 Classes for part-time students are also held for 10.001 Mathematics I, and the course (including tutorials) can be covered by attending T. 7-9, W. 2-4, 7-9 or Th. 3-5, 7-9, F. 7-9 Students should consult the School of Mathematics when planning their timetable.	Consult School of Mathematics
10.011	Higher Mathematics I	T. 12-1, Th. 12-1, 2-3, F. 11-12	Consult School of Mathematics
10.021	Terminating Mathematics I	M. 10-11, T. 12-1, Th. 10-11, F. 10-11 or T. 6-9, F. 6-9	Consult School of Mathematics
10.111A	Pure Mathematics II Linear Algebra	T. 9-10, Th. 11-12 (alternating with 10.111B) or T. 9-10, Th. 9-10 (alternating with 10.111B) or F. 5.30-7	Consult School of Mathematics F. 7-8
10.111B	Pure Mathematics II Mathematical Analysis	W. 10-11, Th. 11-12 (alternating with 10.111A) or M. 11-12, Th. 9-10 (alternating with 10.111B) or M. 5.30-7	Consult School of Mathematics M. 7-8
10.111C	Pure Mathematics II Abstract Algebra	M. 11-12, T. 4-5, Th. 2-3 or W. 6-8	Consult School of Mathematics
10.121A	Higher Pure Mathematics II Algebra	M. 3-4, T. 9-10	M. 4-5
10.121B	Higher Pure Mathematics II Mathematical Analysis	M. 11-12, Th. 2-3	M. 4-5

School of Mathematics (continued)

<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
10.121D Higher Pure Mathematics II Real Variable Theory	M. 2-3, T. 4-5	T. 12-1
10.112A Pure Mathematics III Algebra	M. 12-1, F. 11-12 or T. 6-8	—
10.112B Pure Mathematics III Functional Analysis	F. 3-5 or M. 6-8	—
10.112C Pure Mathematics III Differential Geometry	Th. 3-5	—
10.112D Pure Mathematics III Set Theory	Th. 10-11, F. 9-10 or Th. 6-8	—
10.112E Pure Mathematics III Differential Equations	M. 2-3, W. 11-12	—
10.122A Higher Pure Mathematics III Algebra	W. 11-12, Th. 2-3*	—
10.122C Higher Pure Mathematics III Differential Geometry and Complex Variable Theory	M. 2-3, F. 12-1*	—
10.122D Higher Pure Mathematics III Number Theory and Logic	M. 4-5, F. 4-5*	—
10.122F Higher Pure Mathematics III Topology and Integration	T. 11-12, Th. 12-1*	—
10.211A Applied Mathematics II Mathematical Methods	T. 10-11, W. 9-10 or T. 12-1, F. 10-11 or Th. 5.30-7	Consult School of Mathematics Th. 7-8

* These times may be varied at the convenience of lecturers and students.

School of Mathematics (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
10.212A	Applied Mathematics III Numerical Analysis	T. 12-1, W. 9-10 or W. 6-8	—
10.212D	Applied Mathematics III Mathematical Methods	M. 9-10, T. 12-1 or F. 6-8	—
10.221A	Higher Applied Mathematics II Mathematical Methods	F. 10-11, Th. 11-12	Consult School of Mathematics
10.911	Mathematics II	See 10.211A, 10.111A and 10.111B	} — — — —
10.921	Higher Mathematics II	See 10.221A, 10.121A and 10.121B	
10.912	Mathematics III	See 10.111C, 10.112D, 10.212A, 10.112E, 10.212D and 10.112C	
10.922	Higher Mathematics III	Consult School of Mathematics	

School of Applied Psychology

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
12.001	Psychology I	M. 10-11, T. 4-5, Th. 10-11 or M. 7-9, T. 6-7 Practical: 2 hours to be arranged	
12.012	Psychology II <i>Research Methods</i> (full year)	M. 2-3 or Th. 12-1 or M. 6-7 together with one of T. 2-3 or F. 12-1 or W. 6-7 Practical: T. 11-12 or T. 4-5 or W. 3-4 or F. 2-3 or M. 8-9 or W. 8-9	M. 3-4 or T. 3-4 or W. 2-3 or Th. 2-3 or F. 3-4 or T. 8-9
	<i>Learning</i> (Session 1) or <i>Personality</i> (Session 2)	} M. 12-1, T. 12-1 or T. 6-7, Th. 6-7 } Practical: M. 10-12 or T. 9-11 or W. 11-1 or Th. 9-11 or F. 10-12 or F. 7-9	
	Plus		
Two of the following options in <i>either</i> Session 1 or Session 2. An additional 1-hour tutorial may be arranged for each subject.			
	<i>Psychometrics</i>		
	Session 1	M. 4-5, Th. 3-4	
	Session 2	T. 7-8, Th. 7-8	
	<i>Physiological Psychology</i>		
	Session 1	T. 5-6, W. 4-5	
	Session 2	M. 7-8, W. 7-8	
	<i>Human Information Processing</i>		
	Session 1	M. 3-4, Th. 11-12	
	Session 2	Th. 8-9, F. 6-7	
	<i>Social Psychology</i>		
	Session 1	M. 7-8, W. 7-8	
	Session 2	M. 4-5, Th. 3-4	

School of Applied Psychology (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
	<i>Abnormal Psychology</i>		
	Session 1	Th. 8-9, F. 6-7	
	Session 2	M. 9-10, Th. 11-12	
12.013	Psychology III	To be arranged	
12.651	Psychology (Industrial Relations)	T. 4-6, W. 4-5	—

School of Accountancy

Subject		Lectures	Tutorials
Bachelor of Commerce Programme			
14.111	Accounting I (1)	{ M. 10-11, Th. 10-11 M. 12-1, Th. 12-1 M. 4-5, Th. 4-5	M. 10-11 and Th. 10-11, M. 12-1 and Th. 12-1
	(2)		M. 3-4 and Th. 3-4, M. 4-5 and Th. 4-5
	(3)		T. 10-11 and F. 10-11, T. 11-12 and F. 11-12
	(4)	{ M. 5-6, Th. 5-6 M. 7-8, Th. 7-8	T. 2-3 and F. 2-3, T. 3-4 and F. 3-4
	(5)		M. 3-4 and Th. 7-8, M. 4-5 and Th. 8-9
			M. 5-6 and Th. 5-6, M. 7-8 and Th. 7-8
			M. 8-9 and Th. 8-9, T. 5-6 and F. 5-6
			T. 6-7 and F. 7-8, T. 7-8 and F. 7-8
14.112	Accounting II A	{ M. 3-4, T. 3-4 M. 4-5, T. 4-5 M. 5-6, T. 5-6 M. 6-7, T. 7-8	T. 11-12 and Th. 11-12, T. 2-3 and Th. 2-3
	B		T. 3-4 and Th. 3-4, T. 4-5 and Th. 4-5
	C		M. 5-6 and W. 5-6, M. 7-8 and W. 7-8
	D		M. 8-9 and W. 8-9, T. 8-9 and W. 8-9
14.113	Accounting III A	M. 11-1, W. 11-1	
	B	M. 2-4, W. 9-11	
	C	T. 9-11, Th. 9-11	
	D	T. 10-12, Th. 10-12	
	E	M. 5-7, W. 5-7	
	F	M. 6-8, W. 6-8	
	G	T. 6-8, Th. 7-9	
14.121	Public Authority Accounting†	W. 7-9	

† Subject to sufficient enrolments at the times indicated and the availability of staff.

School of Accountancy (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
14.122	Accounting II (Honours)	A M. 3-4, T. 3-4, Th. 11-12 B M. 4-5, T. 4-5, Th. 12-1 C M. 5-6, T. 5-6, W. 5-6 D M. 6-7, T. 7-8, W. 7-8	T. 11-12 T. 2-3 M. 6-7 M. 7-8
14.123	Accounting III (Honours)	H M. 11-1, W. 11-12, Th. 11-12 I M. 6-8, W. 6-8	
14.131	Auditing and Internal Control	A T. 4-5, Th. 4-5 B T. 5-6, Th. 5-6 C† T. 7-8, Th. 7-8	
14.201	Taxation Law and Practice*	A T. 2-3, Th. 2-3 B { T. 5-6, Th. 5-6 C† { T. 6-7, Th. 6-7	Th. 10-11 or Th. 11-12 or Th. 12-1 or Th. 2-3 Th. 5-6 or Th. 6-7 or Th. 7-8 or Th. 8-9
14.203	Trustee Law and Accounting	Not available 1972	
14.212	Administrative Law	Not available 1972	
14.221	Commercial Law I	A M. 2-3, W. 12-1 B† { M. 5-6, W. 5-6 C { M. 6-7, W. 6-7	M. 9-10 or M. 10-11 or T. 10-11 or T. 11-12 or W. 9-10 or W. 10-11 or Th. 3-4 or Th. 4-5 M. 6-7 or M. 8-9 or T. 5-6 or T. 6-7 or T. 7-8 or W. 6-7 or W. 8-9

* For portion of the year the Thursday lecture will be replaced by a tutorial every second week.

† Subject to sufficient enrolments at the times indicated and the availability of staff.

School of Accountancy (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
14.222	Commercial Law II* A B C†	M. 2-3, W. 12-1 M. 5-6, W. 5-6 M. 6-7, W. 6-7	—
14.311	Production and Industrial Accounting A† B	M. 2-3, Th. 2-3 M. 6-7, Th. 6-7	—
14.321	Business Finance* A B C†	M. 4-5, W. 11-12 M. 5-6, W. 5-6 M. 7-8, W. 7-8	—
14.322	Data Processing and Information Systems A B† C D	T. 3-4, Th. 3-4 T. 4-5, Th. 4-5 T. 5-6, Th. 5-6 T. 7-8, Th. 7-8	—
14.332	Operations Research in Business A B	T. 2-3, Th. 2-3 T. 6-7, Th. 6-7	—
14.402	Organization Theory A B	M. 11-12, W. 11-12 or W. 12-1 M. 6-7, W. 6-7 or W. 7-8	—

* Subject to availability of staff there will be limited provision for a tutorial in lieu of lectures every second or third week.

† Subject to sufficient enrolments at the times indicated and the availability of staff.

Master of Commerce Programme

Draft timetable arrangements for Master of Commerce subjects will be available from the Faculty of Commerce Office from the beginning of December, 1971. Final arrangements are contingent on approval of the new courses referred to on page 126.

School of Economics

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
15.101	Economics I Group A Group B	M. 3-4, Th. 2-3, F. 12-1 M. 12-1, Th. 11-12	M. 10-11 or M. 11-12 or M. 12-1 or M. 2-3 or M. 4-5 or W. 9-10 or W. 10-11 or W. 11-12 or Th. 9-10 or Th. 2-3 or F. 9-10 or F. 10-11 or F. 11-12
	Group A Group B	or M. 6-7, Th. 6-7, F. 6-7 M. 6-7, Th. 6-7	or M. 5-6 or M. 7-8 or M. 8-9 or T. 6-7 or T. 7-8 or Th. 5-6 or Th. 7-8 or Th. 8-9 or F. 5-6
15.102	Economics II	T. 10-11, W. 10-11	T. 11-1 or T. 2-4 or T. 4-6 or W. 11-1 or Th. 11-1 or Th. 2-4 or Th. 4-6 or F. 11-1 or F. 2-4 or F. 4-6
		or T. 6-7, W. 6-7	or M. 7-9 or T. 7-9 or W. 7-9 or Th. 7-9
15.103	Economics III	Th. 3-4	T. 10-11 or W. 10-11 or W. 11-12 or W. 12-1 or Th. 10-11 or Th. 2-3 or Th. 4-5 or F. 10-11
		or Th. 6-7	or T. 5-6 or T. 6-7 or T. 7-8 or Th. 5-6 or Th. 7-8 or Th. 8-9
15.104	Advanced Economic Analysis	T. 4-6, F. 10-12.30	—
15.112	Economics II (Hon.)	T. 10-11, T. 5-6, W. 10-11	T. 11-1 or T. 2-4 or W. 11-1 or Th. 10-12
		or T. 5-6, T. 6-7, W. 6-7	or W. 7-9 or Th. 7-9
15.113	Economics III (Hon.)	M. 5-7	—
15.173	Economics IIIM	Not available 1972	

School of Economics (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
15.213	History of Economic Thought	Th. 10-12 or Th. 6-8	—
15.223	Comparative Economic Systems	Not available 1972	
15.233	Public Finance and Financial Policy	Th. 4-6	—
15.243	Economic Development	M. 2-4 or M. 6-8	—
15.253	Economics of Industry and Labour	T. 3-5 or T. 6-8	—
15.263	International Economics	Not available 1972	
15.331	Economic History I	T. 11-12, W. 9-10 or T. 6-7, W. 6-7	T. 9-10 or T. 10-11 or T. 12-1 or T. 2-3 or T. 3-4 or W. 10-11 or W. 11-12 or Th. 9-10 or Th. 10-11 or Th. 11-12 or Th. 2-3 or Th. 3-4 or T. 5-6 or T. 7-8 or W. 5-6 or W. 7-8
15.332	Economic History II	M. 3-4, Th. 3-4 or M. 6-7, Th. 5-6	M. 12-1 or M. 2-3 or Th. 12-1 or Th. 2-3 or M. 5-6 or M. 7-8 or Th. 6-7
15.342	Economic History II (Hon.)	M. 3-4, Th. 3-4 or M. 6-7, Th. 5-6	M. 12-1 or Th. 6-7

School of Economics (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
15.333	Economic History III <i>19th Century Britain</i> <i>Indian Economic History</i> <i>Economic History of the U.S.A.</i>	T. 4-6 Th. 4-6 To be arranged	— — —
15.304	Economic History IV	To be arranged	—
15.401	Business Statistics	M. 11-12, W. 11-12 <i>or</i> M. 7-8, W. 7-8	T. 9-10 <i>or</i> T. 10-11 <i>or</i> T. 11-12 <i>or</i> T. 2-3 <i>or</i> T. 3-4 <i>or</i> T. 4-5 <i>or</i> Th. 9-10 <i>or</i> Th. 11-12 <i>or</i> Th. 12-1 <i>or</i> Th. 2-3 <i>or</i> Th. 3-4 <i>or</i> T. 5-6 <i>or</i> T. 6-7 <i>or</i> T. 7-8 <i>or</i> T. 8-9 <i>or</i> W. 5-6 <i>or</i> W. 6-7 <i>or</i> W. 8-9
15.402	Econometric Methods	Th. 12-1, F. 12-1 <i>or</i> Th. 6-7, F. 6-7	M. 10-11 <i>or</i> M. 11-12 <i>or</i> M. 2-3 <i>or</i> Th. 10-11 <i>or</i> Th. 11-12 <i>or</i> F. 10-11 <i>or</i> F. 11-12 <i>or</i> W. 7-8 <i>or</i> Th. 5-6 <i>or</i> F. 5-6 <i>or</i> F. 7-8
15.422	Statistical Inference	Th. 6-8	M. 9-11 <i>or</i> T. 2-4 <i>or</i> M. 6-8
15.423	Multivariate Analysis	W. 4-6	—
15.433	Applied Statistics	M. 7-9, T. 7-9	—
15.434	Econometrics	W. 2-5	—
15.443	Mathematical Economics	M. 5-7	—

School of Economics (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
15.471	Mathematics for Commerce	Not available 1972	
15.502	Industrial Relations I	T. 2-3* <i>or</i> T. 6-7*	W. 11-1 <i>or</i> W. 2-4 <i>or</i> Th. 11-1 <i>or</i> Th. 2-4 <i>or</i> W. 6-8 <i>or</i> Th. 5-7
15.512	Industrial Relations I (Hon.)	T. 2-3* <i>or</i> T. 6-7*	M. 5-7 (alternate weeks) Honours students must also attend a 15.502 tutorial.
15.503	Industrial Relations II	Th. 5-6	W. 5-7
15.513	Industrial Relations II (Hon.)	Th. 5-6	W. 5-7 <i>and</i> M. 5-7 (alternate weeks)
15.504	Industrial Relations III	To be arranged	—
15.552	Industrial Law I	M. 5-6, W. 5-6 <i>or</i> (until the August vacation <i>only</i>) M. 2-3, W. 12-1	—
15.553	Industrial Law II	Not offered in 1972	—

* May extend beyond the prescribed period and students should not make commitments for the following hour.

Master of Commerce Programme

Draft timetable arrangements for Master of Commerce subjects will be available from the Faculty of Commerce Office from the beginning of December, 1971. Final arrangements are contingent on approval of the new courses referred to on page 126.

School of Geography

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
27.041	Geography IA	W. 5-6, Th. 4-5 <i>Lab. T. 5-8 (fortnightly)</i> <i>or W. 2-5 (fortnightly)</i> <i>or Th. 10-1 (fortnightly)</i>	Consult School of Geography
27.042	Geography IIA	{ W. 9-10, Th. 5-6	Consult School of Geography
27.052	Geography IIA (Hon.)	{ <i>Lab. T. 2-5 or W. 10-1</i>	
27.043	Geography IIIA	{ Consult School of Geography	
27.053	Geography IIIA (Hon.)	{	

School of Marketing

	<i>Subject</i>	<i>Session</i>	<i>Lectures</i>	<i>Tutorials</i>
28.104	Marketing Models and Systems	1 and 2	W. 10-12 <i>or</i> 5-7 <i>and</i> Th. 10-11 <i>or</i> 3-4 <i>or</i> 7-6	Th. 11-12 <i>or</i> 4-5 <i>or</i> 7-8
28.103	Behavioural Science	1 and 2	M. 11-1 <i>or</i> 7-9	W. 1-2 <i>or</i> 2-3 <i>or</i> 3-4 <i>or</i> 4-5 <i>or</i> 7-8 <i>or</i> 8-9 <i>and</i> Th. 12-1 <i>or</i> 1-2 <i>or</i> 2-3 <i>or</i> 8-9 <i>or</i> F. 6-7
28.113	Marketing Management	1 and 2	W. 9-11 <i>or</i> 7-9	W. 11-1 <i>or</i> Th. 1-3 <i>or</i> F. 9-11 <i>or</i> 11-1 <i>or</i> 6-8
28.133	Marketing Research	1 and 2	W. 5-6 <i>and</i> Th. 10-11 <i>or</i> W. 5-6 <i>and</i> 6-7	Th. 6-7 <i>or</i> 7-8 <i>or</i> F. 2-3 <i>or</i> 3-4 <i>or</i> 4-5
28.143	Marketing Research (Honours)	1 and 2	T. 5-6	—
28.202	Comparative Marketing Systems	1	T. 5-7 <i>and</i> Th. 7-9	—
28.203	Seminar in Marketing Theory I	1	W. 1-3 <i>and</i> Th. 3-5	—
Methods of Marketing Research		1	W. 3-5 <i>and</i> Th. 1-3	—

Master of Commerce Programme

Draft timetable arrangements for Master of Commerce subjects will be available from the Faculty of Commerce Office from the beginning of December, 1971. Final arrangements are contingent on approval of the new courses referred to on page 126.

GRADUATE SCHOOL OF BUSINESS

Master of Business Administration

<i>Subject</i>	<i>Semester</i>	<i>Lectures</i>
33.301G The Social Framework of Business	I	M. 5-7 or T. 2-4
33.302G Behavioural Science I	I	M. 2-5 or T. 5-8
33.303G Management Accounting and Information Systems I	I	M. 2-4 or M. 6-8
33.304G Micro-Economics and Business Decisions	I	M. 10-12 or M. 2-4
33.305G Organization Theory I	I	T. 1-4 or T. 5-8
33.306G Quantitative Analysis in Business I	I	T. 9-12
33.306G Quantitative Analysis in Business I	II	M. 5-8 or T. 1-4
33.307G Seminars in Contemporary Business Issues	II	M. 5-7
33.308G Behavioural Science II	II	M. 2-5 or T. 5-8
33.309G Macro-Economics and Policy	II	M. 10-12 or M. 2-4
33.310G Management Accounting and Informations Systems II	II	M. 2-4 or M. 6-8
33.311G Organization Theory II	II	T. 1-4 or T. 5-8
33.312G Production	II	M. 5-7
33.313G Quantitative Analysis in Business II	I	M. 5-8
33.313G Quantitative Analysis in Business II	II	T. 9-12
33.314G Finance I	I	W. 3-5 or Th. 3-5
33.315G Marketing I	I	W. 1-3 or Th. 1-3
33.316G Strategic Planning and Problem Solving I	I	W. 6-9
33.317G Finance II	II	W. 3-5 or Th. 3-5
33.318G Marketing II	II	W. 1-3 or Th. 1-3
33.319G Strategic Planning and Problem Solving II	II	W. 6-9
33.320G Inter-personal Skills	II	T. 1-4 and W. 5-6

Graduate School of Business (continued)

<i>Subject</i>	<i>Semester</i>	<i>Lectures</i>
33.321G Interviewing and Counselling	I	T. 7-9 and Th. 5-7
33.322G The Individual and the Organization	I	T. 7-9 and Th. 5-7
33.323G Advanced Management Accounting	II	T. 1-4 and W. 5-6
33.326G Business Law and Taxation	I	T. 1-4 and W. 5-6
33.330G Contemporary Economic Problems	I	M. 6-8 and Th. 2-4
33.331G Industrial Relations	II	T. 7-9 and Th. 1-3
33.335G Organizational Analysis	I	T. 1-4 and W. 5-6
33.336G Organization Planning	II	T. 7-9 and Th. 5-7
33.337G Personnel Relations	II	T. 7-9 and Th. 1-3
33.339G Introduction to Operations Research	II	T. 7-9 and Th. 5-7
33.341G Australian Financial Structure	I	T. 5-7 and Th. 7-9
33.342G Investments	II	T. 5-7 and Th. 7-9
33.344G Comparative Marketing Systems	II	T. 5-7 and Th. 7-9
33.346G Mathematical Models and Marketing Management	I	T. 5-7 and Th. 7-9
33.347G Marketing Decision and Information Management	II	T. 7-9 and Th. 1-3
33.348G An Introduction to International Marketing	II	W. 1-3 and Th. 3-5

Diploma in Administration

8.674G Civil Engineering Construction Management	To be arranged
33.072G Business Law	W. 7-9
33.505G Business Policy	W. 2-4
33.507G Production Management	To be arranged
33.509G Electronic Data Processing	W. 5-7
33.511G Personnel Management	Th. 7-9

School of English*Subject**Lectures**Tutorials*

50.111 English II
 50.112 English II
 50.121 English I

W. 11-12, Th. 11-12, F. 11-12 }
 T. 2-3, W. 2-3, F. 2-3
 W. 3-4, Th. 3-4, F. 3-4 }

Consult School of English

School of History

51.111 History IA
 51.121 History IB
 51.112 History IIA
 51.132 History IIB

M. 3-4, W. 2-3 }
 M. 3-4, Th. 12-1
 T. 10-11, F. 2-3
 M. 11-12, Th. 11-12 }

Consult School of History

School of Philosophy

52.111 Philosophy I
 52.112 Philosophy II
 1st Session:
 2nd Session:

T. 11-12, W. 3-4, Th. 3-4
One of the following in each Session:
 M. 12-1, Th. 9-10 *or*
 M. 11-12, Th. 10-11 *or*
 M. 9-10, W. 12-1
 M. 10-11, Th. 10-11 *or*
 T. 11-12, F. 10-11 *or*
 M. 12-1, Th. 11-12

F. 11-12 *or* F. 12-1 *or* F. 2-3 *or* F. 3-4

Consult School of Philosophy

School of Sociology

<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
53.111 Sociology I 53.121 Sociology IT 53.112 Sociology II	M. 12-1, T. 12-1 } M. 1-2, T. 1-2 } W. 11-12 }	Consult School of Sociology

School of Political Science

54.111 Political Science I	W. 4-5, Th. 4-5, F. 12-1 or W. 6-7, Th. 6-8 M. 4-5, W. 2-3, T. 12-1, F. 12-1 }	Consult School of Political Science
54.112 Political Science II		

School of History and Philosophy of Science

62.111 History and Philosophy of Science I	M. 9-10, T. 9-10, F. 9-10	Consult School of History and Philosophy of Science
62.112 History and Philosophy of Science II	M. 2-3, Th. 2-3, F. 2-3	Consult School of History and Philosophy of Science

Department of General Studies

<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
11.011H History of Fine Arts	Th. 7-8 or F. 10-11	Th. 8-9 F. 9-10
11.021H History of Architecture	T. 9-10	T. 10-11
26.121 Psychology	M. 9-10 or M. 10-11 or T. 9-10 or Th. 9-10 or Th. 3-4 or F. 9-10 or M. 6-7 or T. 7-8 or Th. 6-7	M. 10-11 M. 9-10 T. 10-11 Th. 10-11 Th. 4-5 F. 10-11 M. 7-8 T. 8-9 Th. 7-8
26.122 Psychology (Advanced Elective)	Th. 11-12 or Th. 12-1 or Th. 7-8	Th. 12-1 Th. 11-12 Th. 8-9
26.211 The Arts and Crafts	T. 9-10 or T. 7-8	T. 10-11 T. 8-9
26.301 Music	T. 9-10 or F. 9-10 or M. 6-7 or Th. 6-7	T. 10-11 F. 10-11 M. 7-8 Th. 7-8
26.302 Music (Advanced Elective)	Th. 11-12	Th. 12-1
26.501B English (Literature)	M. 10-11 or Th. 3-4 or F. 10-11	M. 9-10 Th. 4-5 F. 9-10

Department of General Studies (continued)

<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
26.501C English (Language and Literature)	M. 9-10 or T. 10-11 or W. 9-10 or Th. 4-5 or T. 7-8 or W. 7-8 or Th. 7-8	M. 10-11 T. 9-10 W. 10-11 Th. 5-6 T. 8-9 W. 8-9 Th. 8-9
26.501D English (Creative Writing)	T. 9-10	T. 10-11
26.502 English (Advanced Elective)	Th. 11-12	Th. 12-1
26.503 English (Advanced Elective)	Th. 7-8 or W. 9-10	Th. 8-9 M. 10-11
26.511 History	M. 9-10 or M. 10-11 or T. 10-11 or W. 9-10 or Th. 4-5 or F. 10-11 or M. 6-7 or T. 7-8 or W. 7-8 or Th. 7-8	T. 10-11 M. 9-10 T. 9-10 W. 10-11 Th. 3-4 or Th. 5-6 F. 9-10 M. 7-8 T. 8-9 W. 8-9 Th. 6-7 or Th. 8-9
26.512 History (Advanced Elective)	W. 9-10 or Th. 11-12	W. 10-11 Th. 12-1

Department of General Studies (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
26.521	Philosophy	M. 9-10 or T. 9-10 or Th. 9-10 or Th. 4-5 or F. 10-11 or M. 6-7 or W. 7-8 or Th. 7-8	M. 10-11 T. 10-11 Th. 10-11 Th. 3-4 or Th. 5-6 F. 9-10 M. 7-8 W. 8-9 Th. 6-7 or Th. 8-9
26.522	Philosophy (Advanced Elective)	Th. 11-12	Th. 12-1
26.531	Sociology	M. 10-11	M. 9-10
26.541	Political Science	T. 10-11 or Th. 10-11 or Th. 3-4 or F. 9-10 or T. 7-8 or Th. 7-8	T. 9-10 Th. 9-10 Th. 4-5 F. 10-11 T. 8-9 Th. 6-7 or Th. 8-9
26.542	Political Science (Advanced Elective)	Th. 11-12	Th. 12-1
26.571	An Introduction to Modern Drama	F. 9-10	F. 10-11
26.621	Cosmology	Th. 7-8 or F. 9-10	Th. 6-7 or Th. 8-9 F. 8-9 a.m. or F. 10-11

Department of General Studies (continued)

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials</i>
26.622	Cosmology (Advanced Elective)	Th. 11-12	Th. 12-1
26.623	Philosophy of Science	F. 10-11	F. 9-10
26.641	German Civilisation and Literature	T. 9-10	T. 10-11
26.681	The Environmental Situation I	Consult Department of General Studies	
26.682	The Environmental Situation II	Th. 7-8	Th. 8-9

STUDENTS' TIMETABLE

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9-10					
10-11					
11-12					
12-1					
1-2					
2-3					
3-4					
4-5					
5-6					
6-7					
7-8					
8-9					