

AV

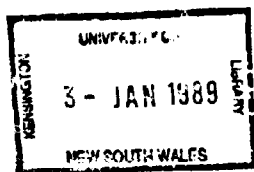
LIBRARIAN  
(B. Mc BAIN)



The University of New South Wales

# Commerce and Economics

1989  
Faculty Handbook



The University of New South Wales

# Commerce and Economics

1989  
Faculty Handbook

ISSN 0811-7616

The address of the University of  
New South Wales is:

PO Box 1, Kensington  
New South Wales, Australia 2033

Telephone: (02) 697 2222

Telegraph: UNITECH, SYDNEY

Telex: AA26054



Published by Publications Section, The University of New South Wales  
Typeset by Trade Publishing Pty Ltd, Manly Vale, NSW 2095  
Printed by Bridge Printery Pty Ltd, Rosebery, NSW 2018

Subjects, courses and any arrangements for courses including staff allocated, as stated in the Calendar or any Handbook or any other publication, announcement or advice of the University, are an expression of intent only and are not to be taken as a firm offer or undertaking. The University reserves the right to discontinue or vary such subjects, courses, arrangements or staff allocations at any time without notice.

Information in this Handbook has been brought up to date as at 12 September 1988, but may be amended without notice by the University Council.

# Contents

Calendar of Dates .....	1
Staff .....	3

Introduction .....	8
--------------------	---

<b>Faculty Information</b> .....	9
Some People Who Can Help You .....	9
Higher School Certificate Prerequisites .....	9
Enrolment Procedures .....	9
Examinations .....	10
Use of Calculators .....	10
Library Facilities .....	10
Student Clubs and Societies .....	11

<b>Undergraduate Study: Bachelor of Commerce and Bachelor of Economics Degree Courses</b> .....	14
School of Accounting .....	14
School of Banking and Finance .....	15
School of Information Systems .....	15
School of Economics .....	15
School of Industrial Relations and Organizational Behaviour .....	16
School of Marketing .....	16
Professional Recognition of Courses .....	17

<b>Undergraduate Study: Rules governing the Award of the Degree of Bachelor of Commerce (for students enrolled prior to 1989)</b> .....	18
---	----

1/2 Preliminary, 3 Passing in a Subject, 4 Minimum Time for Completion, 5 Normal Program,  
6 Nomination of Course, 7/8 Humanities Subjects, 9 Honours Degree, 10 Credit for Subjects Passed  
at Another University, 11 Options, 12 Order of Progression of Subjects

Courses .....	19
---------------	----

13 Accounting Pass F/t 19, Honours F/t 20, Accounting, Finance and Systems Pass F/t 21, Honours F/t 21, Accounting and Finance Pass F/t 21, Honours F/t 21, Accounting and Information Systems Pass F/t 22, Honours F/t 23, Econometrics Pass F/t 23, Honours F/t 24, Economic History Pass F/t 24, Honours F/t 25, Economics Pass F/t 25, Honours F/t 26, Economics and Econometrics Pass F/t 27, Honours F/t 27, Economics and Finance Pass F/t 27, Honours F/t 28, Economics and Industrial Relations Pass F/t 29, Honours F/t 29, Finance Pass F/t 30, Honours F/t 30, Industrial Relations Pass F/t 31, Honours F/t 31,



Information Systems Pass F/t 32, Honours F/t 32, Marketing Pass F/t 33, Honours F/t 34	
Faculty of Commerce and Economics/School of Education	35
Bachelor of Commerce (Economics)/Diploma of Education 35, Bachelor of Commerce (Economic History)/Diploma of Education 35	
Prerequisites 28 29	36
<b>Undergraduate Study: Rules Governing the Award of the Degrees of Bachelor of Commerce and Bachelor of Economics (For students enrolling in 1989)</b>	37
1-4 Preliminary 37, 5 Passing in a Subject 37, 6 Minimum Time for Completion 37, 7 Normal Program 37, 8 Nomination of Course 38, 9 General Education Program 38, 10 Honours Degree 38, 11 Credit for Subjects Passed at Another University 38, 12 Options 38, 13 Order of Progression of Subjects 38, 14/15 Prerequisite Requirements 38	
Subjects Making Up Disciplinary Minors	38
Bachelor of Commerce Courses	39
Accounting Pass F/t 39, Honours F/t 40, Accounting and Business Information Technology Pass F/t 41, Accounting and Finance Pass F/t 42, Honours F/t 42, Accounting and Information Systems Pass F/t 43, Honours F/t 44, Economics and Finance Pass F/t 45, Honours F/t 46, Finance Pass F/t 46, Honours F/t 47, Industrial Relations Pass F/t 47, Honours F/t 48, Information Systems Pass F/t 49, Honours F/t 50, Marketing Pass F/t 51, Honours F/t 51, Marketing and Hospitality Management Pass F/t 52	
Bachelor of Economics Courses	53
Econometrics Pass F/t 53, Economic History Pass F/t 53, Economics Pass F/t 54, Economics and Asian Studies Pass F/t 55, Economics and Finance Pass F/t 55, Economics and Industrial Relations Pass F/t 56, Industrial Relations Pass F/t 56	
Lists A-F	57
Undergraduate Thesis	58
<b>Undergraduate Study: Combined Commerce/Law and Commerce/Science Courses</b>	59
Combined Courses leading to award of Degrees of Bachelor of Commerce/ Bachelor of Laws	59
Bachelor of Commerce (Accounting, Finance and Systems)/Bachelor of Laws 61, Bachelor of Commerce (Accounting)/Bachelor of Laws 61, Bachelor of Commerce (Finance)/Bachelor of Laws 62, Bachelor of Commerce (Economics)/Bachelor of Laws 62, Bachelor of Commerce (Industrial Relations)/Bachelor of Laws 63, Bachelor of Commerce (Marketing)/Bachelor of Laws 63, Bachelor of Commerce (Accounting)/Bachelor of Laws 64, Bachelor of Commerce (Information Systems)/Bachelor of Laws 65	
Combined Courses leading to award of Degrees of Bachelor of Commerce/ Bachelor of Science	65
Bachelor of Commerce (Finance)/Bachelor of Science (Mathematics) 66	
<b>Undergraduate Study: Subject Descriptions</b>	68
Identification of Subjects by Number	68
Electrical Engineering and Computer Science	70
Mathematics	70
Psychology	72
School of Accounting	72
School of Banking and Finance	74
School of Information Systems	75
Department of Legal Studies and Taxation	77
Economics	78
Department of Economics	78
Department of Econometrics	82
School of Industrial Relations and Organizational Behaviour	85
Department of Economic History	88
Geography	92
School of Marketing	92
Law	95
<b>Graduate Study</b>	101
Enrolment Procedures	101
Course Requirements for the Degree of Master of Commerce (Honours)	101
School of Accounting	102
School of Banking and Finance	102
School of Economics	102
School of Industrial Relations and Organizational Behaviour	103

School of Information Systems .....	104
School of Marketing .....	104
Course Requirements for the Degree of Master of Commerce .....	104
Approved Programs .....	105
Accounting .....	105
Banking and Finance .....	107
Information Systems .....	107
Legal Studies and Taxation .....	108
Economics .....	108
Marketing .....	109
Industrial Relations and Organizational Behaviour .....	110
<b>Graduate Subject Prerequisites</b> .....	110

---

<b>Graduate Study: Subject Descriptions</b> .....	111
Identification of Subjects by Number .....	111
School of Accounting .....	113
School of Banking and Finance .....	115
School of Information Systems .....	117
Department of Legal Studies and Taxation .....	118
School of Economics .....	119
Department of Economics .....	119
Department of Econometrics .....	121
Department of Economic History .....	123
Marketing .....	124
School of Industrial Relations and Organizational Behaviour .....	125

---

<b>Conditions for the Award of Higher Degrees</b> .....	129
Doctor of Philosophy .....	131
Master of Commerce (Honours) .....	133
Master of Commerce .....	135

---

<b>Scholarships and Prizes</b> .....	137
Scholarships .....	137
Undergraduate .....	137
Graduate .....	139
Prizes .....	141
Undergraduate .....	141
Graduate .....	144

## Calendar of Dates

## 1989

## 1990

**Session 1 (67 teaching days)**

<i>Recess</i>	27 February to 23 March 24 March to 2 April 3 April to 8 June	26 February to 12 April 13 April to 22 April 23 April to 7 June
<i>Study Recess</i>	9 June to 14 June	8 June to 13 June
<i>Midyear Recess</i>	1 July to 23 July	30 June to 22 July
Examinations	15 June to 30 June	14 June to 29 June

**Session 2 (67 teaching days)**

<i>Recess</i>	24 July to 22 September 23 September to 1 October 3 October to 1 November	23 July to 21 September 22 September to 1 October 2 October to 31 October
<i>Study Recess</i>	2 November to 7 November	1 November to 6 November
Examinations	8 November to 24 November	7 November to 23 November
Vacation Weeks Common to Australian Universities	27 March to 2 April 3 July to 9 July 25 September to 1 October	16 April to 22 April 2 July to 8 July 24 September to 30 September

**Important Dates for 1989****January**

M	2	New year's Day – Public Holiday
F	6	Last day for acceptance of applications by the Admissions Section for transfer to another undergraduate course within the University.
W	18	Last day for applications for review of results of assessment.
Th	26	Australia Day — Public Holiday
T	31	Enrolment period begins for new undergraduate students and undergraduate students repeating first year.

**February**

M	6	Re-enrolment period begins for second and later year undergraduate and graduate students enrolled in formal courses. Students should consult the 1989 Re-enrolment Procedures booklet for details.
F	24	Last day for students to discontinue 1989 enrolment Last day for acceptance of enrolment by new and re-enrolling students. Late fee payable thereafter if enrolment approved.
M	27	Session 1 begins — all courses except Medicine III, IV and V.

**March**

F	10	Last day applications are accepted from students who enrol in additional Session 1 or whole year subjects.
F	24	Good Friday – Public Holiday Mid-Session Recess begins
M	27	Easter Monday – Public Holiday

## Commerce and Economics

### April

Su	2	Mid-Session Recess ends
F	21	Last day for students to discontinue without failure subjects which extend over Session 1 only
T	25	Anzac Day – Public Holiday

### May

T	2	Confirmation of Enrolment forms despatched to all students
T	9	Publication of Provisional Timetable for June examinations
Th	11	Last day for acceptance of corrected Confirmation of Enrolment forms
W	17	Last day for students to advise of examination clashes
T	30	Publication of timetable for June examinations

### June

Th	8	Session 1 ends
F	9-14	Study Recess
M	12	Queen's Birthday – Public Holiday
Th	15	Examinations begin
F	30	Examinations end

### July

M	10	Assessment results mailed to students
T	11	Assessment results displayed on University noticeboards
Su	23	Midyear Recess ends
M	24	Session 2 begins
M	31	Last day for applications for review of July assessment results

### August

F	4	Last day applications are accepted from students to enrol in additional Session 2 subjects Last day for students to discontinue without failure subjects which extend over the whole academic year
---	---	---

### September

F	8	Last day for students to discontinue without failure subjects which extend over Session 2 only
T	19	Confirmation of Enrolment forms sent to all students
S	23	Mid-Session Recess begins
Th	28	Last day for acceptance of corrected Confirmation of Enrolment forms
F	29	Closing date for applications to the Universities and Colleges Admission Centre

### October

M	2	Mid-Session Recess ends Eight Hour Day – Public Holiday
T	3	Publication of provisional examination timetable for November examinations
W	11	Last day for students to advise of examination timetable clashes
T	24	Publication of timetable for November examinations

### November

W	1	Session 2 ends
Th	2-7	Study Recess
W	8	Examinations begin
F	24	Examinations end

### December

F	8	Assessment results mailed to students
M	11	Assessment results displayed on university noticeboards

## Staff

*Comprises Schools of Accounting, Economics, Banking and Finance, Industrial Relations and Organizational Behaviour, Information Systems, Marketing, Department of Legal Studies and Taxation, Centre for Applied Economic Research, Industrial Relations Research Centre and Japanese Economic and Management Studies Centre.*

### Dean

Professor J. W. Neville

### Chairman

Professor J. R. Niland

### Executive Assistant to the Dean (Student Counselling and Guidance)

Vacant

### Executive Officer

Anthony Michael McNamara, BA Syd., FAIM

### Administrative Officer

Rene Calderon Garcia, BA Philippines

### Administrative Assistant

Nadia Withers, BA N.S.W.

---

## Programming Unit

### Analyst Programmer

Jimmy Sadeli, BSc N.S.W.

---

## School of Accounting

---

### Professor of Accountancy and Head of School

William Peter Birkett, MEc Syd., FASA, CPA

### Professors of Accountancy

Kenneth Thomas Trotman, MCom PhD N.S.W., AASA(Senior)

Robert Graham Walker, BCom N.S.W., MEc PhD Syd., ACA

### Price Waterhouse Professor of Accounting

Mark Keith Hirst, BA Macq., BEc Tas., MCom PhD N.S.W., AASA(Senior)

### Associate Professor

Malcolm Conrad Miller, MCom N.S.W., FASA, CPA, FCA, FCIS, AFAIM

### Senior Lecturers

Michael Aitken, MBS Massey, ACA(NZ), AASA

Brian Booth, BCom Qld., MCom N.S.W., ASA(Senior), AAUQ

Peter James Booth, BEc Syd., MEc N.E., DipEd S.T.C.

Wai Fong Chua, BA PhD *Shelf*, AASA

Victor Andrew Fatseas, MCom N.S.W., FASA, CPA

Peter Fraser Luckett, BA Macq., PhD Syd., AASA

Richard Donald Morris, BCom Qld., MBA N.S.W., AAUQ(Prov.)

AASA(Senior), PhD N.S.W.

### Visiting Fellow

Graham Bradley, BEc Syd., MCom N.S.W.,

### Lecturers

Jane Alexa Baxter, BCom *W'gang*., MCom N.S.W., AASA(Senior)

Michael Leo Briers, BCom Tas.

Freddi Choo, MCA *Well*., ACA(NZ), ACIS

James Ernest Guthrie, BBus *R.M.I.T.*., MBus *W.Aust.I.T.*., GradDipAcct

*Warrambool I.A.E.*, GradDipEd(Tertiary) *Darling Downs I.A.E.*, AASA, CPA

## Commerce and Economics

Mohamed Atiqul Islam, MCom *Dacca*, MCom *N.S.W.*, PhD *Syd.*  
John Stanley Macmillen, BCom *N.S.W.*, AASA  
Alfred Edward Fulton Role, BA LLB *Syd.*, BCom *N.S.W.*,  
AASA(Senior), ACIS  
Peter John Roebuck, MCom *N.S.W.*, ACA  
Roger Simnett, MEC *Monash*, AASA, CPA  
Graham George Sullivan, BCom *Auck.*, BA *Syd.*, MBA *N.S.W.*, ACA,  
AASA, CPA

### Senior Tutor

Maria Rose Barbera, BCom *N.S.W.*

### Tutors

Rosina Adzic, BCom *N.S.W.*  
Shirley Anne Carlton, MCom *N.S.W.*, ACA  
Linda English, BA *Syd.*, BEC *Monash*  
Wendy Joy Green, BCom *N.S.W.*  
David Bruce McFarlane, BCom *N.S.W.*  
Magda Marie Ghali, BCom *N.S.W.*, AASA  
Sujatha Perera, BCom *Ceyl.*, MA *Manc.*, DipEd *Col.*  
Chris Poullaos, MEC *Syd.*, AASA(Senior)  
Anne Zahra, BCom, ACA

---

## School of Banking and Finance

---

### Professor of Finance and Head of School

Ian Gayford Sharpe, BS *Illinois*, MA PhD *Stan.*

### Senior Lecturers

Philip Bourke, BCom MBS PhD *Univ.Coll.Dub.*, MBA *Boston Coll.*  
Carl Chiarella, MSc *Syd.*, MCom PhD *N.S.W.*  
Benjamin Francis Hunt, BEC *MAGSc Adel.*, PhD *A.N.U.*  
Gabriel Noti, BE BSc *Syd.*, DipENA(Finance and Economics) *Paris*,  
MBA PhD *N.S.W.*, AASA(Senior), ASIA  
Michael Thomas Skully, AA *N.Y.State*, BSBA *Arizona*, MBA *Utah*,  
DipEcon *Stockholm*, FASA, CPA, ACIS, ASIA

### Lecturers

Ernestine Margareta Anna Gross, BA *Macq.*  
Toan My Pham, BEC *Tas.*, MCom *N.S.W.*

### Senior Tutor

Keith Chan, BCom *N.S.W.*

### Tutors

Lucie Marie Leonie Ghosh, BSc *Rotterdam*,  
MCom(Hons) DipEd(Maths) *N.S.W.*  
David Lewis Mackenzie, BCom *N.S.W.*  
Julianne Wright, BEC *Syd.*  
Clement Yim, BCom *N.S.W.*

---

## School of Information Systems

---

### Professor of Information Systems and Head of School

David Ross Jeffery, BCom *Qld.*, MCom PhD *N.S.W.*, AASA(Senior),  
AAUQ

### Professor of Information Systems

Cyril Henry Putnam Brookes, BE MEngSc *Syd.*, DPhil *Oxf.*

### Associate Professors

Robert Hugh Edmundson, MComPhD *N.S.W.*  
Michael John Lawrence, BSc BE *Syd.*, MS PhD *Calif.*

### Senior Lecturers

Rodger Jamieson, MCom *N.S.W.*, ACA, MACS, CISA  
Graham Cedric Low, BE PhD *Qld.*, MChE, MChemE  
Marcus John O'Connor, MCom PhD *N.S.W.*, MACS

### Visiting Fellows

Brian Henderson-Sellers, BSc *London*, MSc *R'dg.*, PhD *Leic.*  
Colin Freeman, BSc *Adel.*, MSc *Scheff.*, AALA, MIntSc

### Lecturer

Peter Nasrallah, BBus *U.T.S.*, MCom AASA

### Tutors

Roy Gilbert Dean, FASA, CPA Assoc.  
Deborah Bunker, BA *N.S.W.*  
Daniel Laurence Moody, BSc *Qld.*  
John Patrick Allen, BBus *Kuring-gai C.A.E.*

---

## Department of Legal Studies and Taxation

---

### Professor of Accountancy and Head of Department

John Lawrence Ryan, BA *St. Thomas*, BCL *New Br.*, PhD *London*.

### Senior Lecturers

Albert William Lacey, AM, LLB *Syd.*, PhD *London*, MBSC  
Geoffrey John Lehmann, BA LLB *Syd.*  
Andrew Llewellyn Terry, LL.M. *Can.*

### Lecturers

Stevan Ross Abadee, LL.M. *Syd.*, MA *N.S.W.*  
Cyril William Butcher, LLB *Well.*, LL.M. *Syd.*  
Peter Desmond Giugni, LL.M. *Syd.*, MScSoc *N.S.W.*  
Bruce Davidson Gordon, BA *Oregon State*, LLB *N.S.W.*

### Tutors

Karen Bubna-Litic, BJur LLB *W.Aust.*  
Denise Haddrill, BCom LLB *N.S.W.*  
Patty Kamvounias, BEC LLB *Syd.*  
Phillippa Claire Wearne, BJur LLB *Monash*

---

## School of Economics

---

### Professor of Economics and Head of School

John Piggot, BA *Syd.*, MSc PhD *London*.

### Professor of Statistics and Head of the Department of Econometrics

Nanak Chand Kakwani, MA PhD *Delhi*, FASSA

### Research Professor of Economics

Murray Chilvers Kemp, BCom MA *Melb.*, PhD *Johns H.*

### Professors of Economics

Ross David Milbourne, BCom *N.S.W.*, PhD *Calif.*  
John Warwick Neville, BA *W.Aust.* MA PhD *Calif.*, FASSA



Professor of Economic History

Vacant

Executive Assistant to Head of School

Dr P. Luey

Programmer

Nadia Blum, BEc *Bratislava*

## Department of Econometrics

### Senior Lecturers

Ronald Anthony Bewley, BA *Sheff.*, PhD *N.S.W.*

John Lewis Knight, MCom PhD *N.S.W.*

Daniel-Marie Paul Yvon Leonard, IngAgr *I.N.A. Paris*, MSc PhD *Ill.*

Anthony David Owen, BA *Leic.*, MA PhD *Kent*

Nripesh Podder, MA *Calc.*, PhD *N.S.W.*

Eric Richard Sowe, BEc *Syd.*, BSc PhD *N.S.W.*, MSc *Lond.*

John Alton Zerby, MA *Penn. State* and *Vanderbilt*

### Lecturers

Lance Alexander Fisher, BA *Macq.*, MCom *N.S.W.*, PhD *Minn.*

Christopher John O'Donnell, BAgEc *N.E.*, MCom *N.S.W.*,

### Tutors

Yvette Maria Hall, BCom *N.S.W.*

Kyriacos Mavrolettos, BCom *N.S.W.*

Judith Frances Watson, BCom *N.S.W.*

## Department of Economic History

### Associate Professor and Head of Department

Ian Clifford Inkster, BA *E Anglia*, PhD *Sheff.*, FRHistS

### Associate Professors

David Hewitt Pope, MEc *Monash.*, MA *Ohio State*, PhD *A.N.U.*

Peter Roger Shergold, BA *Hull*, MA *Ill.*, PhD *Lond.*

### Senior Lecturers

David Leonard Clark, BEc PhD *Syd.*

Barrie Drummond Dyster, MA *Syd.*, PhD *Tor.*

Adrian Graves, BA *Adel.*, DPhil *Oxf.*

David Meredith, BA PhD *Exe.*

Stephen James Nicholas, BA *Syr.*, MA *Iowa*

John Albert Perkins, BSc(Econ) *Hull*, PhD *N.S.W.*

Louis T. Sigel, BA *Yale*, MA PhD *Harv.*

### Lecturers

Michael Robert Johnson, BA *N.S.W.*, MPH *Camb.*

Barbara Florence Le Maistre, BEc PhD *Syd.*

### Tutors

Alexander Lyall Blair, BA *N.S.W.*

Alexandra Dunn, BA *N.S.W.*

## Department of Economics

### Senior Lecturer and Head of Department

David Ross Chapman, BA *N.E.*, MA(Econ) *Essex*

### Associate Professors

Gregory Duncan McColl, MSc(Econ) PhD *Lond.*

Thomas Gregory Parry, MEc *Syd.*, PhD *Lond.*

### Senior Lecturers

Robert Maxwell Conlon, MCom PhD *N.S.W.*

Norman James Dudley, BAgEc PhD *N.E.*

Geoffrey Francis Fishburn, BA PhD *N.S.W.*

David Ronald Gallagher, MAgEc *N.E.*, PhD *N.S.W.*

Colm Pius Kearney, MA *Dub.*, *Essex* and *W. Ont.*, PhD *Warw.*

Fu-Chi Liu, MA *Taiwan*, PhD *Roch.*

Robin Elizabeth Pope, BA *N.E.*, MEc *Monash*, MA *Ohio State*, PhD *N.S.W.*

Charles William Junior, MCom *N.S.W.*

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

PhD *N.S.W.*

Trevor Robert Stegman, BCom PhD *N.S.W.*

Margaret Joan Vipond, BA *Durh.*, PhD *N.S.W.*

Geoffrey Herbert Waugh, BSc *Syd.*, MCom PhD *N.S.W.*

### Lecturers

John Matthew Brown, BA MCom *N.S.W.*

Craig Farrell Freedman, BA *St. Johns*, MBA *Calif.*, MA PhD *Mass.*

Noel George Gaston, BEc *Adel.*, MEc *Monash*, MA PhD *Cornell*

Peter Robert Thomas Kriesler, MEc *Syd.*, PhD *Camb.*

John Kees Lodewijks, BEc *Syd.*, MEc *N.E.*, MA PhD *Duke*

Paul Luey, BA *H.K.*, PhD *Edin.*

Richard Charles Nolan, BA *N'cle.(N.S.W.)*, BE *N.S.W.*

Mehdi Siamak Monadjemi, BS *Utah*, MS PhD *Ill.*

William Raymond Purcell, BCom PhD *N.S.W.*

Truong Phouc Truong, BE *W.Aust.*, MA *MEngSc Syd.*, PhD *Macq.*

Neil Alastair Warren, BCom PhD *N.S.W.*

### Senior Tutors

Neil Lindsay Hart, BCom *N.S.W.*

Andrew Chi Kuen Lo, BA *Melb.*, MA *N.S.W.*

Gregory James Mahony, BCom *N'cle.(N.S.W.)*

Robin Ellen Stonecash, BA *Swarthmore*, MS *Wis.*

Chung-Sok Suh, BEc *Seoul*, MCom *N.S.W.*

Kim Heng Tan, BE *Adel.*, MCom *N.S.W.*

### Tutors

Samanthala Hettihewa, BCom *S. Lanka*, MA PhD *New Hampshire*,

DipAppSocStats *Ceylon*

Benjamin Paul Hopkins, BEc *Qld.*

Tiffany Hutcheson, BEc *Syd.*

Stephen Leslie Keen, BA *LLB Syd.*, DipEd *Syd.* *T.C.*

Sharon Ann Maxwell, BCom *N.S.W.*

Tania Neveuka Milavec, BEc *Macq.*

Peter William Switzer, MCom *N.S.W.*

---

## Centre for Applied Economic Research

### Director

G. D. McColl, MSc (Econ) PhD Lond.

### Program Leaders

D.R. Gallagher, MAgEc N.E., PhD N.S.W.  
J.W. Neville, BA W.Aust., MA PhD Calif., FASSA  
A.D. Owen, BA Leic., MA PhD Kent  
M.J. Vipond, BA Durh., PhD N.S.W.  
J.A. Zerby, MA Penn. State and Vanderbilt

### Research Associates

R. A. Bewley, BA Sheff., PhD N.S.W.  
D. R. Chapman, BA N.E., MA(Econ) Essex  
R. M. Conlon, MCom PhD N.S.W.  
C. W. Junor, MCom N.S.W.  
N. C. Kakwani, MA PhD Delhi, FASSA  
C. P. Kearney, MA Dub., Essex and W.Ont., PhD Warw.  
J. K. Lodewijks, BEc Syd. MEc N.E., PhD Duke  
M. Monadjemi, BS Utah, PhD Ill.  
T. G. Parry, MEc Syd., PhD Lond.  
J. Piggott, BA Syd., MSc(Econ) PhD Lond.  
B. B. Rao, BA And., MA Ban., BSc(Econ) Lond., PhD N.S.W.  
T. R. Stegman, BCom PhD N.S.W.  
Chung-Sok Suh, BE Seoul, MCom N.S.W.  
R. S. Tonkin, BA Macq., MCom N.S.W.  
T. P. Truong, BE W.Aust., MA MEngSc Syd., PhD Macq.  
N. A. Warren, BCom PhD N.S.W.  
G. H. Waugh, BSc Syd., MCom PhD N.S.W.

### Senior Research Officer

T.A. Mozzina, BA BEc Qld., MEc Syd.

---

## Urban Water Policy Unit

### Director

D.R. Gallagher, MAgEc N.E., PhD N.S.W.

### Research Associate

R.C. Nolan, BA N.cle. (N.S.W.), BE N.S.W.

### Research Fellow

Tran Nam Binh, BEc James Cook, MEc A.N.U., PhD N.S.W.

### Research Assistant

Genevieve Watson, BCom N.S.W.

---

## School of Industrial Relations and Organizational Behaviour

### Professor of Economics and Head of School

John Rodney Niland, MCom N.S.W., PhD Ill., FASSA

### Associate Professors

Gordon William Ford, BA DipEd Syd., MA (Econ) Calif.  
David Henry Plowman, BEc W.Aust., MA Melb., PhD Adel.,  
GradDipT Adelaide C.A.E.  
Frank Seymour Stevens, BA Syd., MA Stan., PhD N.S.W.

### Senior Lecturers

Braham Dabscheck, MEc Monash  
Anthony Francis Donovan, MA PhD N.U.I.  
Stephen Jerome Frenkel, BA Camb., MA Warw.

### Lecturers

Thomas James Bramble, BA Camb., MCom N.S.W.  
Raymond David Ferrier, MSc(Ind Rel) Bath.  
Chrissie Verevis, BA Calif. State

---

## Industrial Relations Research Centre

### Director

Professor J. R. Niland

### Deputy Director

Associate Professor David Plowman

### Research Associates

Associate Professor B. T. Brooks  
Associate Professor G.W. Ford  
Mr M. Rimmer  
Dr Judy Wojman

---

## School of Marketing

### Professor of Marketing and Head of School

Roger Alexander Layton, MEc Syd.

### Associate Professors

George Holmes, DipM Liv. Poly, MA Lanc.  
Ian Frederick Wilkinson, BSc S'ton., MSc Warw., PhD N.S.W.

### Senior Lecturers

Allan Matthew Bordow, BS Wis., MA PhD Cal.State  
Linden Brown, BEc Tas., PhD N.S.W., AASA  
Stanley Glaser, BA Syd., PhD N.S.W.  
Jane Crawford Munro, BA Syd., AM PhD Harv.

### Lecturer

Robert Maclean Hall, BA N.cle.(N.S.W.), PhD Macq.

### Tutors

Loryn Farmer, BBus U.T.S.  
Lynne Freeman, MA Lanc.  
Julie Morgan, BCom N.S.W.  
Stephen Thomas, BBus U.T.S., BA Macq.

---

## **Japanese Economic and Management Studies Centre**

---

**Acting Director**

Professor J. W. Neville

**Deputy Director**

Dr W. R. Purcell

## Introduction

The Faculty of Commerce and Economics offers both graduate and undergraduate courses which are relevant to a wide range of careers and professional interests in the commercial and industrial world, in the public service and in teaching at both the secondary and tertiary level. Nineteen eighty-nine sees the introduction of a new degree, the Bachelor of Economics, which will help students prepare for careers in all these areas. The difference between this new degree and the existing Bachelor of Commerce is that all Bachelor of Economics students will complete a major sequence of study in economics though they may combine this with a major in another discipline, such as finance, industrial relations, political science or Asian studies.

There are separate quotas for the Bachelor of Commerce and the Bachelor of Economics. Students enrolled in the Faculty may apply at the end of each calendar year to transfer from one degree to the other, but approval will not be automatic and will depend on a student's academic record.

In both the Bachelor of Commerce and the Bachelor of Economics a common core of subjects in first year provides the essential foundation for subsequent specialization. The Faculty is concerned to combine strong development of fundamental conceptual issues with emphasis upon the application of knowledge to particular fields of human endeavour. This aim is assisted by the substantial interaction between the community and the Faculty through such avenues as the Information Systems Forum, the Centre for Applied Economic Research, the Japanese Economic and Management Studies Centre and the Industrial Relations Research Centre, together with the consulting and continuing education activities in fields such as accounting, behavioural science, economics, finance, industrial relations, information systems and marketing.

J. W. Neville  
Dean

# Faculty Information

---

## Some People Who Can Help You

---

If you require advice about enrolment, degree requirements, progression within courses or any other general faculty matters, contact one of the following:

Mrs N. Withers, Administrative Assistant, Faculty of Commerce and Economics Office, Room 132, John Goodsell Building.

Executive Assistant to the Dean of The Faculty of Commerce and Economics, Room 132A, John Goodsell Building.

For information and advice about subject content and requirements, contact the appropriate schools.

Faculty of Commerce and Economics  
Facsimile No. (02) 662 8845

**Important:** As changes may be made to information provided in this handbook, students should frequently consult the noticeboards of the schools and the official noticeboards of the University.

## Higher School Certificate Prerequisites

---

The Bachelor of Commerce, Bachelor of Economics, Bachelor of Commerce/Bachelor of Science and Bachelor of Commerce/Bachelor of Laws courses require students to have achieved a prescribed standard in Mathematics at the Higher School Certificate before an offer of a place will be made. In addition, a number of subjects offered in these courses require students to have achieved a prescribed standard in English at the Higher School Certificate before enrolment in such subjects is permitted.

Current H.S.C. prerequisites, where applicable, are listed in the section **Undergraduate Study: Subject Descriptions** later in this Handbook.

The document containing advice to new students who do not meet English requirements is available from the Academic Registrar or the Faculty Office.

## Faculty of Commerce and Economics Enrolment Procedures

---

All students re-enrolling should obtain a copy of the free booklet *Enrolment Procedures 1989* available from the Faculty Office and the Admissions Office. This booklet provides detailed information on enrolment procedures and fees, enrolment timetables by Faculty and course, enrolment in miscellaneous subjects, locations and hours of Cashiers and late enrolments.

---

## Examinations

---

In subjects under the control of the various schools in the Faculty of Commerce and Economics 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 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 each session.

## Supplementary Examinations

Students may be required to sit for an oral and/or written supplementary examination, which will normally be held in the two weeks preceding the commencement of Session 2 or in early January. In general this opportunity will only be offered to a student who has been prevented from taking an end of session examination or who has been placed at a serious disadvantage during the examination, and whose circumstances have improved considerably in the period since the examination was held.

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

---

## Use of Calculators

---

The Faculty of Commerce and Economics has resolved to advise all students to equip themselves with a portable electronic calculator, preferably one which possesses in addition to the four basic arithmetic functions, those involving discounting and present value calculations.

These calculators should be a valuable study aid in expediting the routine aspects of assigned practical exercises throughout the year in many subjects. Such calculators may also be permitted, subject to the discretion of individual examiners, in examinations for subjects taught in the Faculty.

---

## Faculty of Commerce and Economics Library Facilities

---

Students and staff of the Faculty of Commerce and Economics are mainly served by the Social Sciences and Humanities Library and the undergraduate collection. Students in the Department of Legal Studies and Taxation also need to use the Law Library.

## The Social Sciences and Humanities Library

This library is designed to serve the specialized reference and research needs of staff, post-graduate students and undergraduate students.

All students are welcome to use the library and to borrow books from it. The main entrance to the Social Sciences and Humanities Library can be reached by taking the lift to Level 4 of the library building.

The Library has a computerised on-line catalogue which provides up-to-date information on books on loan or in Open Reserve. Reference Staff of the Social Sciences and Humanities Library are there to help you use the on-line catalogue. In addition, sets of the Library's microfiche catalogue are available for consultation. Both the on-line catalogue and microfiche catalogue will tell you where in the Library the material you want is located.

Social Sciences and Humanities Librarian Pat Howard

## Undergraduate Services

- The Open Reserve Section houses books and other materials which are required reading. Level 2.
- The Audio-Visual Section contains cassette tapes, mainly of lectures and other spoken word material. The Audio-Visual Section has wired study carrels and cassette players for student use. Level 3.
- The Reader Education program provides orientation tours and introductory library research method lectures to students.

Please contact the Reader Education Librarian on X 2672 if you would like such classes to be arranged.

## The Law Library

This library caters principally for the library needs of students in the Faculty of Law, but it is also responsible for the extensive collection on taxation. All students are welcome to use the library and borrow books from it. However, most of the materials required by students in the Department of Legal Studies and Taxation are held in the Open Reserve Section in the Undergraduate Library.

Law Librarian Rob Brian

## Faculty of Commerce and Economics Library-Reading Room

Officer-in-charge: Pamela Gildea

The library-reading room for undergraduate honours and graduate students in the Faculty of Commerce and Economics is located in the John Goodsell Building. Largely as a result of a series of annual grants of \$500 made since 1961 by the Public Accountants' Registration Board of New South Wales and other grants and donations by public authorities and business organizations, the reading room contains books and periodicals covering a wide range of subjects. The reading room is open from 9 am to 7 pm Mondays to Thursdays and 9 am to 5 pm on Fridays.

Students wishing to use these library facilities should register with Miss Gildea at the Enquiry Desk located in Room 127 on the first floor of the building.



## Student Clubs and Societies

Students have the opportunity of joining a wide range of clubs and societies. Many of these are affiliated with the Students' Union. There are numerous religious, social and cultural clubs and also many sporting clubs which are affiliated with the Sports Association.

Clubs and societies seeking to use the name of the University in their title, or seeking University recognition, must submit their constitutions either to the Students' Union or the Sports Association if they wish to be affiliated with either or these bodies, or to the Academic Registrar for approval by the University Council.

### The Commerce Society

The Commerce Society is the student body of the Faculty, and all Commerce students regardless of their course are automatically admitted as members.

The Annual General Meeting of the Society is held late in second session when the Executive Committee is elected. Early in first session a first year welcome is held. At this event first year students are encouraged to participate in the organisation of events such as the Commerce Ball.

Socially the main event of the Society is the Annual Ball. Other social events include barbecues, wine and cheese parties, harbour cruises, and other events as determined by the committee.

President: Stephen Bloom  
Vice-President: Michael Alscher  
(Mail to: 1st Floor, John Goodsell Building, UNSW.)

### AIESEC

AIESEC is a unique world-wide organization of Business and Management students, with committees in over five hundred campuses around the world. The UNSW Local Committee, besides serving the aims of AIESEC International is a most active social club within the Faculty of Commerce and Economics.

AIESEC has two primary aims: **1.** To promote better understanding and co-operation among nations, especially the students of those nations. **2.** To allow those students to improve their preparation for careers in Business and Commerce by gaining valuable experience.

AIESEC runs an international student exchange program, whereby students are matched to training programs and jobs that are offered by companies worldwide. These traineeships are available in the areas of accounting, economics, marketing, management, personnel and computer science.

On traineeships, students can complement their studies with practical experience, earn award wages and, with the help of counterparts in other countries, enjoy the experience of living

overseas. At the same time, the company acquires a highly qualified person of its own specifications.

At home AIESEC offers the opportunity to deal with leaders of industry and commerce and to develop talents within the organization itself. It also helps to bridge the gap between students and academics and the business community.

The name, AIESEC, stands for the Association Internationale des Etudiants en Sciences Economiques et Commerciales. It was established in 1948 by representatives from 12 universities in seven European countries, and has now grown to embrace over 500 universities and other tertiary institutions in 67 countries. It now involves more than 40,000 students, and has matched over 100,000 traineeships since its inception.

AIESEC, run by the students and for the benefit of students is a non-profit, non-political organization. Membership is \$6 per annum and all interested students are encouraged to join and be part of AIESEC's many social activities. Watch AIESEC's news-board on the ground floor of the John Goodsell Building for more information on meeting times.

For further information contact:

AIESEC  
Union Box 48A  
The University of New South Wales  
Kensington, NSW 2033  
or phone 697 5454 c/o University Students' Union and leave a message.

### The Economic Society of Australia

Students are eligible for membership of the Economic Society of Australia 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 \$20 per annum compared with a full subscription rate of \$40 per annum. This concession applies to full-time students. *Application for membership* forms are available from the School of Economics office and require the attestation of a University Staff Member. Membership forms and information about the Society are also available from: The Hon Secretary, The Economic Society of Australia (NSW Branch), PO Box 211, Mosman, NSW 2088.

Members receive the Society's journals, *The Economic Record* and *Economic Papers*. They may also subscribe at concessional rates to *The Australian Quarterly*. Meetings are held each month. The Branch also holds an annual Winter School and other functions at which current economic topics are discussed.

### Statistical Society of Australia: New South Wales Branch

The Branch offers Student Membership to bona fide students. The current subscription for a student member is \$21 per annum, with a rebate of \$6 if payment is received before the due date, 1 January.

The Branch holds about six Ordinary Meetings each year, as well as an Annual General Meeting in March. In addition, special meetings are arranged to present lectures by noted visitors. The Branch conducts symposia for the study and discussion of particular statistical techniques or of statistical methods in a specialized field. In 1988 and every second year the Society holds its Australian Statistical Conference. Branch members pay reduced rates for attendance at both the symposia and the conferences.

Members of the Branch receive the *Australian Journal of Statistics* (3 issues per year) and the Society's Newsletter (4 issues per year).

Requests for further information and for *Application for Membership* forms should be sent to the Honorary Secretary, Dr S. H. Huxham, School of Mathematics, University of Technology, Sydney, P.O. Box 123, Broadway, NSW 2007.

## Market Research Society of Australia (NSW Division)

Market research is the systematic collection and objective recording, classification, analysis and presentation of data concerning the behaviour, needs, attitudes, opinions, motivations, etc., of individuals and organizations (commercial enterprises, public bodies, etc.) within the context of their economic, social, political and everyday activities. It includes social research, insofar as this uses similar approaches and techniques in its study of issues and problems not directly connected with the marketing of goods and services, and also industrial marketing research and desk research especially where these are concerned with the acquisition of original data from the field and not simply the secondary analysis of already available data.

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 840 members in its five 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, *The Australian Marketing Researcher*. At the regular monthly meetings a variety of papers on marketing research is discussed. It also makes available an annual award to marketing students.

A fully affiliated branch of the Society operates on campus as the UNSW Marketing Society (see entry following). It also makes available an annual award to marketing students.

Membership fees are: Full \$85, Associate \$85, Student \$30. Address: MRS of Australia, NSW Div, PO Box 380, Milsons Point, NSW 2061 (phone 957 4847). 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 UNSW Marketing Society was formed to cater for the specific needs of marketing students. It offers a unique opportunity for marketing students to develop their management and social skills. Each year, the success of the Society depends on the interest of the students themselves.

There is no membership fee for the Society. Fund raising helps finance various functions held by the Society, and to facilitate communication of necessary information.

Last year the Society had over 220 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 visiting guest speakers; **4.** to provide an opportunity for marketing students to develop their management and communication skills; and **5.** to organize social activities for marketing students and friends.

For further information contact:

The Marketing Office, 3rd Floor, John Goodsell Building.

## The Industrial Relations Society of New South Wales

The Industrial Relations Society of New South Wales, formed in 1958, was the first organization of its type to be formed in Australia.

Its objects are to organize and foster discussion, research, education and publication within the field of industrial relations. From its inception it has been highly successful in furthering its objectives and in bringing together representatives of trade unions, employers and government, the legal profession and academics, all of whom have contributed to the promotion of better industrial relations.

The proven success of the New South Wales Society is reflected by the fact that similar societies have been formed in each of the states of the Commonwealth and also in Papua New Guinea. This has also enabled the formation of a federal body, the Industrial Relations Society of Australia, composed of representatives of state societies which is affiliated to the International Industrial Relations Association.

Participation in the activities of the Society enables a free exchange of opinions, an understanding of the other person's point of view, new friendships and personal relations, all being factors designed to create goodwill and understanding in the fields of industrial relations. All members receive a copy of the quarterly publication *Journal of Industrial Relations*. Regular activities include luncheons, occasional discussion groups and an annual convention.

Membership fees are payable each financial year and for the 1988/89 financial year are approximately \$16 for bona fide full-time students and \$28 for ordinary membership. The precise fee is available on the application form for membership. Enquiries should be addressed to:

The Honorary Secretary  
Industrial Relations Society of NSW  
GPO Box 4479  
Sydney 2001

### **Accounting Students' Register**

The Australian Society of Accountants enables all accounting students to be affiliated to Australia's largest professional accounting body through the ASR. Membership of the ASR offers many services including: access to one of the best accounting libraries in Australia; discount on purchase price of the Members Handbook, which contains the Australian Accounting Standards (a required text); subscription to the Society journal *The Australian Accountant*; access to seminars and courses organised by the Society.

For further information and application forms for the Accounting Students' Register, contact the Accountancy Careers Officer, Australian Society of Accountants, P.O. Box Q290, Queen Victoria Building, Sydney, 2000 or phone 29-6215 or 20-3514.

### **Banking Students' Register**

The Australian Institute of Bankers has a special category of subsidized membership for full-time students enrolled in the Faculty of Commerce and Economics who are interested in financial markets issues and are contemplating a future career in the banking and finance industry.

The benefits of student membership include receiving the AIB journal *The Australian Banker*, the opportunity to attend professional development functions organised by the NSW State Committee (66 King Street, Sydney, Telephone (02) 262 1249), access to the Institute's library and information on the educational requirements for professional awards offered by the AIB.

Application forms for student membership can be obtained from the Office of the School of Banking and Finance.

**Undergraduate Study**

# **Bachelor of Commerce and Bachelor of Economics Degree Courses**

The Faculty of Commerce and Economics consists of the Schools of Accounting, Banking and Finance, Economics, Industrial Relations and Organizational Behaviour, Information Systems, and Marketing, and the Department of Legal Studies and Taxation.

---

## **School of Accounting**

---

### **Accounting**

Head of School

Professor W. P. Birkett

Accounting is concerned with the provision of information for the management of economic resources and activities by means of measurement, communication and interpretation of financial data; with the development of information systems; and with the financial accountability and management of business and public enterprises.

The profession of accountancy has developed into two general classes, namely, the accountant in public practice and the accountant in industry, commerce and government. The former provides to clients services such as auditing corporate annual accounts, advising on taxation and business matters, designing computer and other forms of information systems, liquidating or resuscitating ailing businesses and management consulting. The accountant in industry, commerce and government is generally concerned with assisting in the financial management of the organization, including the design, control and operation of computer systems, internal auditing and the preparation of periodic

financial statements. The demand for accounting graduates has been and continues to be extremely strong.

For students enrolling in 1989 for the first time and who wish to prepare for professional practice in Accounting a sample course outline follows. However, students who enrolled prior to 1989 are advised to refer to the 1988 Handbook and follow the outline as it appears on page 13.

#### **Year 1**

##### *Session 1*

14.501	Accounting and Financial Management 1A
99.774	Legal Environment of Commerce
15.101E	Microeconomics 1
15.102M	Quantitative Methods A or
15.101M	Quantitative Methods A (Advanced)

##### *Session 2*

14.511	Accounting and Financial Management 1B
19.602	Computer Information Systems 1
15.102E	Macroeconomics 1
15.103M	Quantitative Methods B

#### **Year 2**

##### *Session 1*

14.522	Accounting and Financial Management 2A
98.613	Business Finance 2A
99.775	Legal Transactions in Commerce
	Economics Option

##### *Session 2*

14.542	Accounting and Financial Management 2B
14.777	Legal Organization of Commerce
	Option*
	Option*

**Year 3****Session 1**

- 14.563 Accounting and Financial Management 3A  
 14.783 Taxation Law  
 Option\*

**Session 2**

- 14.583 Accounting and Financial Management 3B  
 14.708 Auditing  
 Option\*

\*Two options must satisfy the General Education requirement. The other 2 may be additional subjects related to Accounting, Banking and Finance, Information Systems or Legal Studies and Taxation.

Students with a good academic record are encouraged to enter the Honours course in the third year of the full-time course or in the corresponding stages of the part-time course. Applications to enter must be approved by the Head of School before the student enrolls in Year 3 of the full-time course or in the fifth stage of the part-time course. Applications to enrol should be addressed to the Faculty Office as soon as possible after the publication of results in the year concerned.

Before finalizing their enrolment, students are advised to discuss their requirements with staff members from the School of Accounting to ensure that all possible subject combinations are given consideration.

---

**School of Banking and Finance**

---

**Head of School**

Professor I.G. Sharpe

Finance is the study of financial and capital markets. It is concerned with decision making within those markets, and how values or prices of financial assets are determined. It is concerned with investment decisions (for example portfolio selection), financing decisions of a firm (dividend policy, debt and equity structures, and lease/purchase decisions), and the development of risk hedging strategies so as to minimise the damaging effects of adverse movements in share prices, interest rates, exchange rates, and other uncertainty.

A student may specialise in Finance or combine Finance with Accounting, Economics or Law. Depending on the program selected, Finance provides training for a wide range of vocations including: corporate financial managers or treasurers; portfolio managers for trust funds, superannuation funds, and insurance companies; investment analysts and financial researchers in stock-broking firms, merchant banks, trading banks and government departments; and management consultants divisions of merchant banks, public accounting firms, and management consultants and takeover specialists in corporate advisory divisions of merchant banks, public accounting firms, and management consulting firms.

Deregulation of Australia's financial system has created an excess demand for Finance graduates. Hence employment prospects are presently outstanding.

---

**School of Information Systems**

---

**Head of School**

Professor D. R. Jeffery

Information systems is concerned with planning, analysis, design and operation of computerized systems used to process information in commerce, industry, government and research organizations. The data processing needs of the organization are studied by systems analysts. Solutions to these needs, generally involving computerized equipment, are determined and systems of processing information are designed.

Graduates often follow careers as programmers, systems analysts, EDP auditors and database administrators. Major employers of information systems graduates include government departments, banks, oil companies, insurance companies, large manufacturing enterprises, universities and other research organizations, data processing service bureaux and computer marketing organizations.

---

**School of Economics**

---

**Head of School**

Professor J. Piggott

**Executive Assistant to Head of School**

Dr P. Luey

The School of Economics offers full-time and part-time courses leading to the degree of Bachelor of Commerce and Economics with specializations in economics, econometrics or economic history. The full-time courses extend over three years for a degree at Pass level and four years for a degree at Honours level; the part-time courses extend over six years for a degree at Pass level and seven years for a degree at Honours level.

A joint degree in economics and Asian studies is offered within the School. The School of Economics and the School of Banking and Finance offer a joint degree in economics and finance; and the School of Economics and the School of Industrial Relations and Organizational Behaviour offer a joint degree in economics and industrial relations.

The School of Economics and the School of Banking and Finance also offer a course in econometrics and finance leading to the degree of Bachelor of Commerce.

The core requirements of the Bachelor of Economics courses comprise three years of training in modern economic analysis, instruction in quantitative methods and techniques, an in-depth analysis of a field of economics or econometrics and, in most cases, some exposure to economic history. Through the common first year program in the Faculty of Commerce and Economics, students are given an introduction to accounting.

The Bachelor of Economics courses are sufficiently flexible to allow students to pursue other interests to the extent of a major outside the School or the Faculty. The specialization in economics provides a basic training in economics which is suitable for a wide range of careers in the private and public sectors of the economy.

Students preparing for a career in banking or other financial institutions are advised to enrol in the joint Bachelor of Economics degree in economics and finance or the joint Bachelor of Commerce degree in econometrics and finance.

In all specializations, students who have a good academic record in the first or second year of the full-time course, or in the corresponding stages of the part-time course, are encouraged to apply for enrolment for the Honours course. Students who wish to become professional economists, econometricians or economic historians are strongly advised to take the Honours course. Applications must be approved by the Head of School before the student enrolls in the third year of the full-time course, or in the fifth stage of the part-time course. Applications should be addressed to the Head of School as soon as possible after the publication of the results in the year concerned.

---

## School of Industrial Relations and Organizational Behaviour

---

### Head of School

Professor J. R. Niland

Industrial relations is concerned with the wide range of issues and problems arising from the context of work in modern society. It focuses on the conventions and laws governing work relationships, and the way these are affected by the values of the larger society within which labour and management function.

The industrial relations institutions and procedures of a country reflect its economic, social, political and legal history, as well as the contemporary way of life of the people who relate to one another as employee and employer. The industrial relations program, therefore, is designed on a multi-disciplinary social science basis to foster an appreciation of the many important questions which arise for the individual, trade unions, employers and governmental bodies in respect of work.

The specialization in industrial relations provides a basic training suitable for a wide range of modern vocations, such as industrial advocacy or research with trade unions and employer organizations, as well as careers as industrial relations or manpower specialists with government bodies and international labour organizations.

The courses in organizational behaviour bring together the findings and techniques of individual, social and industrial psychology, sociology and other major social sciences in understanding human behaviour in organizations and the role of private, public and voluntary organizations in modern society.

The structure, functions and design of complex organizations, their management, the ways in which they change in response to external and internal forces, the significance of technology and culture and methods of managing change are some of the major issues dealt with.

The courses constitute a significant adjunct and complement to more "technical" studies (eg accounting, finance, information systems, economics, marketing, industrial relations) and contribute to a broader appreciation of problems and methods of general and functional management.

---

## School of Marketing

---

### Head of School

Professor R. A. Layton

Marketing, which became a distinct discipline only in recent decades, is a management discipline concerned with exchange processes involving organizations and individuals.

The School of Marketing offers undergraduate and graduate courses leading to the award of the degrees of Bachelor of Commerce and Master of Commerce. These courses provide training at two levels, for undergraduates with a special interest in and aptitude for marketing positions and for graduates with a first degree in any appropriate area.

Part-time programs to train senior marketing executives are provided each year by the School of Marketing. In addition the School offers short executive courses on specific aspects of marketing practice through Unisearch Ltd.

The first year of the full-time and the first two years of the part-time undergraduate courses in marketing are similar to the corresponding courses in accounting, finance and information systems, and economics. Students who have met the requirements of any of these courses can elect to transfer into the second year of the full-time or the third year of the part-time marketing course.

The content of the course includes not only the general field of marketing but the related disciplines of economics, accounting, psychology, sociology and mathematics. The Honours year deals with more advanced developments in marketing, and students are required to prepare a thesis. The course is broadly based in a number of disciplines in order to give the prospective marketing executive a comprehensive training that will reflect the practice of marketing in both the private and public sectors.

Graduates find careers in marketing research, marketing management, retailing, wholesaling and a host of other business activities, as well as in government and education. Those primarily interested in statistical analysis in market research will probably have availed themselves of the option to do extra work in mathematics.

A new undergraduate course in hospitality and management is being introduced, commencing in 1989. Details of the course are set out later in the handbook.

The Master of Commerce degree course is designed to provide a specialist training at graduate level in specific areas of marketing skill. In particular, students can develop an interest



in such areas as marketing research, industrial marketing, strategic marketing and quantitative analysis in marketing. By combining subjects from the School of Marketing with subjects offered by other schools in the Faculty, it is possible to complement studies in marketing with work in financial management, information systems or economics. The Master of Commerce degree course offers a flexible structure within which students can put together units that best suit their needs.

## Professional Recognition of Courses offered by the Faculty of Commerce and Economics

The degree courses offered by this Faculty are recognized by 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 membership qualifications, and graduates who complete the Bachelor of Commerce (Accounting) degree are able to qualify for Provisional Associate Membership. If their course includes 14.708 Auditing, 99.775 Legal Transactions in Commerce, 99.777 Legal Organization of Commerce and 99.783 Taxation Law, they will be eligible for Associate membership subject to professional requirements.

The Master of Commerce degree course in Professional Accounting is accepted for Provisional Membership of the Society if the course includes as a minimum the subjects: 14.940G Accounting and Financial Management A, 14.941G Accounting and Financial Management B, 14.970G Accounting Concepts and Financial Reporting, 99.971G The Legal Environment of Business, 98.973G Corporate Finance, 14.996G Management Accounting Control Systems; and two advanced accounting electives together with 15.114G and 15.125G. Students who have not previously studied economics to the required standard must also include 15.114G Economics A and 15.125G Economics B.

The MCom degree in Auditing, External Reporting, Management Accounting, Taxation or Treasury is recognised as the post-graduate study requirement for Specialist designation in the appropriate discipline.

Students seeking professional recognition are also advised to contact the ASA for current requirements.

**The Institute of Chartered Accountants in Australia.** Graduates who have completed the Accounting course for the Bachelor of Commerce degree are eligible under the Institute's new admission requirements to enter the 'Professional Year' leading to membership, provided they have included in their course the optional subjects, 14.708 Auditing, 99.775 Legal Transactions in Commerce, 99.777 Legal Organization of Commerce and 99.783 Taxation Law.

**The Public Accountants' Registration Board of New South Wales** exempts from its examinations graduates who complete the course provided they include in their course the optional subjects: 14.708 Auditing, 99.775 Legal Transactions in Commerce, 99.777 Legal Organization of Commerce and 99.783 Taxation Law.

**The Institute of Chartered Secretaries and Administrators** grants the maximum recognition permitted by its regulations. Graduates completing the Accounting course for the degree of

Bachelor of Commerce are granted exemption from twelve of the fifteen subjects prescribed in the Institute's examination syllabus, provided they include in their course the required subjects as set down in the Institute's information sheet covering exemptions granted to Universities and teaching bodies in New South Wales.

**The Australian Computer Society** recognizes that students who have completed the requirements for the award of the Bachelor of Commerce degree have achieved the standard of knowledge required for Level 1 entry to membership if they have included in their course any six (6) subjects from 19.602 Computer Information Systems 1, 19.603 Computer Information Systems 2, 19.605 Information Systems Implementation, 19.607 Distributed Computer Systems, 19.608 Database Systems, 19.611 Information Systems Development, 19.605 EDP Auditing. In addition the Society recognizes that students who have successfully completed any four or five of the above subjects have achieved the standard required for Level 2 entry to membership and successful completion of any three subjects from the above list for Level 3 entry.

Students who have completed the Master of Commerce degree course are recognized as having achieved the standard of knowledge required for Level 1 entry if they have successfully completed any five subjects from: 19.605 Information Systems Implementation, 19.608 Database Systems, 19.611 Information Systems Development, 19.905G EDP Auditing, 19.953G Advanced Systems Management, 19.963G Information Systems and Telecommunications, 19.986G Research Topics in Information Systems 1, 19.987G Research Topics in Information Systems 2, 19.988G Information Systems A, 19.989G Information Systems B, 19.991G Decision Support Systems, and for Level 2 if they have included in their course any three or four of the subjects listed.

**The Securities Institute of Australia** grants exemptions from certain units leading to associate membership of the Institute to graduates who have completed finance subjects offered in the BCom, BEc or MCom degree courses.

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

**The Australian Institute of Bankers.** The educational requirements for Senior Associate status will be satisfied if graduates from any of the following BCom and BEc degrees include in their study programs 98.864 Australian Capital Markets and 98.630 Bank Financial Management:

- BCom (Finance)
- BCom (Econometrics/Finance)
- BCom (Accounting/Finance)
- BCom/LLB (Finance)
- BCom/BSc (Finance & Mathematics)
- BEc (Economics/Finance)

Also students who intend to work in financial markets are also encouraged to include 98.632 Regulation in Capital Markets to give them a three-subject package of financial markets subjects.

The Master of Commerce degree in Finance or Treasury is accepted for Senior Associate membership of the Institute if the course includes the subjects 98.964G Australian Capital Markets, 98.911G Legal Aspects of Finance and 98.925G Financial Institution Management.

Students are also advised to contact the AIB for current requirements.

**Undergraduate Study**

# **Rules Governing the Award of the Degree of Bachelor of Commerce\***

## **Preliminary**

### **Rule 1**

The degree of Bachelor of Commerce may be conferred as a Pass degree or as an Honours degree. There shall be three classes of Honours, namely, Class 1, Class 2 in two Divisions and Class 3. In cases of superior academic performance throughout the course, the Pass degree will be conferred with merit.

### **Rule 2**

A person on whom the Pass degree of Bachelor of Commerce has been conferred shall not be admitted to candidature for the Honours degree of Bachelor of Commerce.

## **Passing in a Subject**

### **Rule 3**

Where, in the following rules, reference is made to the requirement that a candidate shall pass a subject, the requirement shall be construed as meaning that the candidate shall:

- (1) attend such lectures, seminars and tutorials as may be prescribed in that subject;
- (2) complete assignments, laboratory work, and other set work by the prescribed dates to the satisfaction of the Head of School concerned;
- (3) pass the examination or examinations in that subject.

\* These rules apply to students who were enrolled prior to 1989.

## **Minimum Time for Completion**

### **Rule 4**

A candidate enrolled in a full-time course may not complete the requirements for the Pass degree in less than six sessions or the Honours degree in less than eight sessions. A candidate enrolled in a part-time course may not normally complete the requirements for the Pass degree in less than twelve sessions or the Honours degree in less than fourteen sessions, provided that these periods may, with the consent of the Head of School, be reduced to ten sessions and twelve sessions respectively in exceptional cases.

## **Normal Program**

### **Rule 5**

A candidate will not normally be permitted to enrol for more than four subjects simultaneously as a full-time student or more than two subjects simultaneously as a part-time student. The Head of School concerned may in exceptional circumstances grant such exemptions from this rule as the Head considers appropriate.

## **Nomination of Course**

### **Rule 6**

A candidate must nominate on the enrolment form the specialization intended when enrolling for the first year in the case of a candidate in a full-time course or the second year in the case of a student in a part-time course, provided that change of specialization will be permitted automatically up to enrolment for the second year of a full-time course or the third year of a part-time course.

## Humanities Subjects

### Rule 7

A candidate shall include among his options two subjects (totalling not less than three hours per week for two sessions) which are any subjects, other than economics, offered by the Centre for Liberal and General Studies or any subjects, other than economics, that are qualifying subjects for the degree of Bachelor of Arts at the University of New South Wales.\*†

\*For the purposes of this rule, one Arts subject with the value of 5 credit points equals one option.

†Commencing in 1983, students who have completed General Education subjects totalling three hours per week for one session are permitted to satisfy the requirements of this rule by completing one additional subject of two hours per week. Students who have completed one subject of one and a half hours per week for one session are permitted to satisfy the requirements of this rule by completing one or two additional subjects totalling four hours per week for one session.

### Rule 8

A subject taught by the Centre for Liberal and General Studies and the corresponding Arts subjects may not both be counted towards the requirements for the degree and no more than two subjects taught by the Centre for Liberal and General Studies may be counted towards the requirements of the degree.

## Honours Degree

### Rule 9

Upon completion of the first or second years of a full-time course or the corresponding stages of a part-time course, a candidate may make a written application to the Head of School concerned for permission to enrol for an Honours degree. When such permission is granted but a candidate's later performance is unsatisfactory, permission to continue as an Honours student may be withdrawn and the student may proceed to an appropriate Pass degree.

## Credit for Subjects Passed at Another University

### Rule 10

Subject to the University rules governing admission with advanced standing, subjects passed at another university may be counted towards fulfilling the requirements of the degree but, in general, not more than four subjects studied for a year or eight subjects studied for a session which are already counted for another degree may be counted towards the requirements for the Bachelor of Commerce.

## Options

### Rule 11

Subject to **Rules 7 and 8** above and **Rules 13 to 27** below, the options may be chosen from any approved subjects taught in the University which require at least one and a half hours of class contact for two sessions or three hours of class contact for a session. The approval for subjects to count as options is given by the Head of the School responsible for the candidate's specialization. Where such options are prescribed in the following

tables, the Head of the School may, in exceptional circumstances, vary the selection prescription. Apart from service courses for other faculties, all subjects offered by the Faculty of Commerce will be automatically approved as options save that no subject can be counted both as an option and as a prescribed subject.

## Order of Progression of Subjects — Full-time and Part-time Students

### Rule 12

To fulfil the requirements of the degree a candidate shall pass the subjects as set out in any one of **Rules 13 to 27**. Full-time students shall take the subjects in the order set out in these rules. All part-time students shall enrol in Accounting and Financial Management 1A and 1B and Microeconomics 1 and Macroeconomics 1 in their first year. In their second year they shall complete the requirements of the first year full-time course. Thereafter they may divide the subjects in any full-time year between two part-time years, subject to **Rules 5 and 28**. Except in exceptional circumstances, any compulsory subject(s) failed at midyear or end-of-year examinations must be repeated in the first session in which it is next offered.

## 3505

### Accounting — Pass — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

### Rule 13

To complete the requirements for the award of the Pass degree specializing in Accounting a candidate shall pass the subjects as set out in Table 1 below with the requirement that at least two options must be chosen from:

14.708	Auditing
19.603	Computer Information Systems 2 or
19.606	Management Information Systems Design
19.605	Information Systems Implementation
19.607	Distributed Computer Systems
19.608	Database Systems
19.773	Operations Research in Business
98.614	Business Finance 2B
98.615	Business Finance 3
99.775	Legal Transactions in Commerce
99.776	Legal Regulation of Commerce
99.777	Legal Organization of Commerce
99.783	Taxation Law

**Table 1**

Year 2		Hours per week*
Session 1		
14.522	Accounting and Financial Management 2A	4½
19.602	Computer Information Systems 1	3
98.613	Business Finance 2A Option 1	3
Session 2		
14.542	Accounting and Financial Management 2B	4½
15.204E	Applied Macroeconomics or	3½
15.202E	Macroeconomics 2 Option 2	4
	Option 3	
Year 3		
Session 1		
14.563	Accounting and Financial Management 3A	4½
15.203E	Applied Microeconomics† or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics Option 4	3½
Session 2		
14.583	Accounting and Financial Management 3B Option 5 Option 6	4½

\*Laboratory sessions as required are additional to the prescribed hours.

†15.203E and 15.211E may be offered in alternate sessions. When 15.203E is offered in Session 2 only and students elect to study this subject they should enrol in 15.204E in Session 1.

## 3505

### Accounting — Honours — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 14

To complete the requirements for the award of the degree at Honours level specializing in Accounting a candidate pass the subjects as set out in Table 2 below with the requirement that at least two options must be chosen from:

14.708	Auditing
19.603	Computer Information Systems 2 or
19.606	Management Information Systems Design
19.605	Information Systems Implementation
19.607	Distributed Computer Systems
19.608	Database Systems

19.773	Operations Research in Business
98.614	Business Finance 2B
98.615	Business Finance 3
99.775	Legal Transactions in Commerce
99.776	Legal Regulation of Commerce
99.777	Legal Organization of Commerce
99.783	Taxation Law

Honours option must be chosen from:

14.801	Advanced Studies in Financial Accounting 1
14.802	Advanced Studies in Financial Accounting 2
14.803	Regulation of Accounting
14.804	Development of Accounting Thought
14.809	Current Developments in Auditing Research
14.856	Management Planning and Control
14.867	Special Topic in Accounting
19.805	EDP Auditing
19.853	Advanced Systems Management
19.857	Operations Research for Management 1
19.887	Research Topics in Information Systems 2
19.891	Decision Support Systems
98.864	Australian Capital Markets
98.875	Seminar in Finance
98.879	Empirical Research in Finance
98.882	International Business Finance
99.824	Advanced Taxation: Contemporary Issues

**Table 2**

Year 2		Hours per week*
Session 1		
14.522	Accounting and Financial Management 2A	4½
19.602	Computer Information Systems 1	3
98.613	Business Finance 2A Option 1	3
Session 2		
14.542	Accounting and Financial Management 2B	4½
15.204E	Applied Macroeconomics or	3½
15.202E	Macroeconomics 2 Option 2 Option 3	4
Year 3		
Session 1		
14.573	Accounting and Financial Management 3A (Honours)	6
15.203E	Applied Microeconomics† or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics Option 4	3½

		How*
<b>Session 2</b>		
14.593	Accounting and Financial Management 3B (Honours) Option 5	6
	Option 6	

**Year 4**

<b>Session 1</b>		
14.851	Current Developments in Accounting Research — Financial	3
14.852	Current Developments in Accounting Research — Managerial	3
14.897	Seminar in Research Methodology	3

<b>Session 2</b>		
	Honours Option	
14.898	Project Seminar	
14.794	Honours Thesis	

\*Laboratory sessions as required are additional to the prescribed hours.

†15.203E and 15.211E may be offered in alternate sessions. When 15.203E is offered in Session 2 only and students elect to study this subject they should enrol in 15.204E in Session 1.

**3510****Accounting, Finance and Systems — Pass — Full-time Course****Bachelor of Commerce  
BCom**

Rule 13 and Table 1 as for Course 3505.

This course is available only to students who enrolled prior to 1984.

**3510****Accounting, Finance and Systems — Honours — Full-time Course****Bachelor of Commerce  
BCom**

Rule 14 and Table 2 as for Course 3505.

This course is available only to students who enrolled prior to 1984.

**3514****Accounting and Finance — Pass — Full-time Course****Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 14D(1)**

To complete the requirements for the award of the Pass degree specializing in Accounting and Finance, a candidate shall pass the subjects as set out in Table 2G below:

**Table 2G**

		Hours per week*
<b>Year 2</b>		
<b>Session 1</b>		
14.522	Accounting and Financial Management 2A	4½
19.602	Computer Information Systems 1	3
98.613	Business Finance 2A	3
15.201E	Microeconomics 2	4
<b>Session 2</b>		
14.542	Accounting and Financial Management 2B	4½
98.614	Business Finance 2B	3
98.864	Australian Capital Markets	3
15.202E	Macroeconomics 2	4

**Year 3**

<b>Session 1</b>		
14.563	Accounting and Financial Management 3A	4½
98.615	Business Finance 3	3
	Option 1	

**Session 2**

14.583	Accounting and Financial Management 3B	4½
98.882	International Business Finance	3
	Option 2	

\*Laboratory sessions as required are additional to the prescribed hours.

**3514****Accounting and Finance — Honours — Full-time Course****Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 14D(2)**

To complete the requirements for the award of the degree at Honours level specializing in Accounting and Finance a candidate shall pass the subjects as set out in Table 2H below:

**Table 2H**

<b>Year 2</b>		<b>Hours per week*</b>
<i>Session 1</i>		
14.522	Accounting and Financial Management 2A	4½
19.602	Computer Information Systems 1	3
98.613	Business Finance 2A	3
15.201E	Microeconomics 2	4
<i>Session 2</i>		
14.542	Accounting and Financial Management 2B	4½
98.624	Business Finance 2B(Honours)	3
98.864	Australian Capital Markets	3
15.202E	Macroeconomics 2	4

**Year 3**

<i>Session 1</i>		
14.573	Accounting and Financial Management 3A (Honours)	6
98.625	Business Finance 3 (Honours) Option 1	3
<i>Session 2</i>		
14.593	Accounting and Financial Management 3B (Honours)	6
98.875	Seminar in Finance (Honours) Option 2	3

**Year 4**

<i>Session 1</i>		
98.876	Business Finance 4A	3
14.851	Current Developments in Accounting Research — Financial or	3
14.852	Current Developments in Accounting Research — Managerial	3
14.897	Seminar in Research Methodology	3
<i>Session 2</i>		
98.877	Business Finance 4B	3
14.898	Project Seminar	
14.794	Honours Thesis**	

\*Laboratory sessions as required are additional to the prescribed hours.

\*\*The thesis topic, which must be approved by the Heads of both Accounting and Banking and Finance Schools, will be relevant to both Accounting and Finance disciplines.

**3512****Accounting and Information Systems — Pass — Full-time Course**

**Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 14B(1)**

To complete the requirements for the award of the degree at Pass level specializing in Accounting and Information Systems a candidate shall pass the subjects as set out in Table 2C below and one option must be chosen from:

14.708	Auditing
19.611	Information Systems Development
19.773	Operations Research in Business
98.613	Business Finance 2A
98.614	Business Finance 2B
99.775	Legal Transactions in Commerce
99.776	Legal Regulation of Commerce
99.777	Legal Organization of Commerce
99.783	Taxation Law

**Table 2C**

<b>Year 2</b>		<b>Hours per week*</b>
<i>Session 1</i>		
14.522	Accounting and Financial Management 2A	4½
15.203E	Applied Microeconomics or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics	3½
19.602	Computer Information Systems 1 Option 1	3
<i>Session 2</i>		
14.542	Accounting and Financial Management 2B	4½
15.204E	Applied Macroeconomics or	3½
15.202E	Macroeconomics 2	4
19.603	Computer Information Systems 2 Option 2	3
<i>Year 3</i>		
<i>Session 1</i>		
14.563	Accounting and Financial Management 3A	4½
19.608	Database Systems	3
19.605	Computer Systems Implementation	3
<i>Session 2</i>		
14.583	Accounting and Financial Management 3B	4½
19.607	Distributed Computer Systems	3
	Option 3	

\*Laboratory sessions as required are additional to the prescribed hours.

**3512****Accounting and Information Systems — Honours — Full-time Course**

**Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.



**Rule 14B(2)**

To complete the requirements for the award of the degree at Honours level specializing in Accounting and Information Systems a candidate shall pass the subjects as set out in Table 2D below and one option must be chosen from:

14.708	Auditing
19.611	Information Systems Development
19.773	Operations Research in Business
98.613	Business Finance 2A
98.614	Business Finance 2B
99.775	Legal Transactions in Commerce
99.776	Legal Regulation of Commerce
99.777	Legal Organization of Commerce
99.783	Taxation Law

The Honours option must be chosen from:

19.805	EDP Auditing
19.810	Advanced Data Management
19.811	Knowledge Based Information Systems
19.812	Managing Software Development
19.853	Advanced Systems Management
19.857	Operations Research for Management 1
19.887	Research Topics in Information Systems 2
19.891	Decision Support Systems
19.893	Special Topic in Information Systems

**Table 2D****Year 2**

Session 1		Hours per week*
14.522	Accounting and Financial Management 2A	4½
19.602	Computer Information Systems 1	3
15.203E	Applied Microeconomics or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics	3½
	Option 1	

**Session 2**

14.542	Accounting and Financial Management 2B	4½
19.603	Computer Information Systems 2	3
15.204E	Applied Macroeconomics or	3½
15.202E	Macroeconomics 2	4
	Option 2	

**Year 3**

Session 1		Hours per week
14.563	Accounting and Financial Management 3A	4½
19.608	Database Systems	3
19.605	Computer Systems Implementation	3

**Session 2**

14.583	Accounting and Financial Management 3B	4½
19.607	Distributed Computer Systems	3
	Option 3	

**Year 4****Session 1**

14.852	Current Developments in Accounting Research — Managerial	3
19.886	Research Topics in Information Systems 1	3
19.897	Seminar in Research Methodology	3

**Session 2**

14.898	Honours Option
14.794	Project Seminar
	Honours Thesis

\*Laboratory sessions as required are additional to the prescribed hours

**3560****Econometrics — Pass — Full-time Course****Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 19**

To completing the requirements for the award of the degree at Pass level specializing in Econometrics a candidate shall pass the subjects as set out in Table 7 below with the requirement that at least three options must be chosen from:

15.302E	Macroeconomics 3
15.205M	Introduction to Operations Research
15.206M	Business Econometrics and Forecasting
15.207M	Measurement of Income Inequality
15.208M	Operations Research in Economics
15.209M	Applied Economic Statistics
15.301M	Mathematical Economics A
15.302M	Mathematical Economics B
15.305M	Applied Demand Analysis
15.425M	Monte Carlo Methods and Simulation Techniques

**Table 7****Year 2****Session 1**

		Hours per week
15.201M	Linear Economics	3
15.203M	Quantitative Economic Techniques A	3
15.201E	Microeconomics 2	4
	Option 1	

**Session 2**

15.202M	Economic Optimization and Dynamics	3
15.204M	Quantitative Economic Techniques B	3
15.202E	Macroeconomics 2 or	4
15.204E	Applied Macroeconomics	3½
	Option 2	

Year 3		Hours per week
<i>Session 1</i>		
15.303M	Econometrics A Option 3 Option 4	3
<i>Session 2</i>		
15.304M	Econometrics B Option 5 Option 6	3

**3560**  
**Econometrics — Honours — Full-time Course**  
**Bachelor of Commerce**  
**BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 20**

To complete the requirements for the award of the degree at Honours level specializing in Econometrics a candidate shall pass the subjects as set out in Table 8 below with the requirement that at least three options must be chosen from:

15.321E	Microeconomics 3 (Honours)
15.322E	Macroeconomics 3 (Honours)
15.205M	Introduction to Operations Research
15.206M	Business Econometrics and Forecasting
15.207M	Measurement of Income Inequality
15.208M	Operations Research in Economics
15.209M	Applied Economic Statistics
15.305M	Applied Demand Analysis
15.421M	Advanced Mathematical Economics A
15.422M	Advanced Mathematical Economics B
15.425M	Monte Carlo Methods and Simulation Techniques

**Table 8**

Year 2		Hours per week
<i>Session 1</i>		
15.201M	Linear Economics	3
15.203M	Quantitative Economic Techniques A	3
15.201E	Microeconomics 2 or	4
15.221E	Microeconomics 2 (Honours) Option 1	4
<i>Session 2</i>		
15.202M	Economic Optimization and Dynamics	3
15.204M	Quantitative Economic Techniques B	3
15.202E	Macroeconomics 2 or	4
15.222E	Macroeconomics 2 (Honours) Option 2	4

Year 3		Hours per week
<i>Session 1</i>		
15.323M	Econometrics A (Honours)	3
15.301M	Mathematical Economics A Option 3	3
<i>Session 2</i>		
15.324M	Econometrics B (Honours)	3
15.302M	Mathematical Economics B Option 4	3

**Year 4**

<i>Session 1</i>		
15.423M	Applied Econometrics A Thesis	3
15.427M	Option 5	
<i>Session 2</i>		
15.424M	Applied Econometrics B Thesis	3
15.427M	Option 6	

**3590**  
**Economic History — Pass — Full-time Course**

**Bachelor of Commerce**  
**BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 15**

To complete the requirements for the award of the degree at Pass level specializing in Economic History a candidate shall pass the subjects as set out in Table 3 below with the requirement that at least two options must be chosen from:

15.203H	Economic Change in Modern China 1700-1949
15.204H	Economic Transformation in the People's Republic of China
15.206H	American Economic and Social Development Before the Civil War
15.207H	Capitalism and Slavery
15.208H	British Imperialism in the 19th and 20th Centuries
15.209H	Modern Capitalism: Crisis and Maturity
15.211H	German Economy and Society since 1850
15.215H	The Economic History of Urbanization
15.242H	Origins of Modern Economics
15.244H	Economic Thought from Marx to Keynes
30.576	Labour History

**Table 3**

<b>Year 2</b>		<b>Hours per week</b>
<b>Session 1</b>		
15.214H	Economic History of the Soviet Union	3
15.201E	Microeconomics 2 or	4
15.203E	Applied Microeconomics Option 1 Option 2	3½
<b>Session 2</b>		
15.303H	Transformation of the Japanese Economy	3
15.202E	Macroeconomics 2 or	4
15.204E	Applied Macroeconomics Option 3 Option 4	3½
<b>Year 3</b>		
<b>Session 1</b>		
15.304H	Australian Economic Development in the 19th Century Option 5 Option 6	3
<b>Session 2</b>		
15.305H	Modern Australian Capitalism Option 7 Option 8	3

### 3590 Economic History — Honours — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 16

To complete the requirements for the award of the degree at Honours level specializing in Economic History a candidate shall pass the subjects as set out in Table 4 below with the requirement that at least two options must be chosen from:

15.203H	Economic Change in Modern China 1700-1949
15.204H	Economic Transformation in the People's Republic of China
15.206H	American Economic and Social Development Before the Civil War
15.207H	Capitalism and Slavery
15.208H	British Imperialism in the 19th and 20th Centuries
15.209H	Modern Capitalism: Crisis and Maturity
15.211H	German Economy and Society since 1850

15.215H	The Economic History of Urbanization
15.242H	Origin of Modern Economics
15.244H	Economic Thought from Marx to Keynes
30.576	Labour History

**Table 4**

<b>Year 2</b>		<b>Hours per week</b>
<b>Session 1</b>		
15.214H	Economic History of the Soviet Union	3
15.201E	Microeconomics 2 or	4
15.203E	Applied Microeconomics Option 1 Option 2	3½
<b>Session 2</b>		
15.303H	Transformation of the Japanese Economy	3
15.202E	Macroeconomics 2 or	4
15.204E	Applied Macroeconomics Option 3 Option 4	3½
<b>Year 3</b>		
<b>Session 1</b>		
15.324H	Australian Economic Development in the 19th Century (Advanced) Option 5 Option 6	3
<b>Session 2</b>		
15.325H	Modern Australian Capitalism (Advanced) Option 7 Option 8	3
<b>Year 4</b>		
<b>Full Year</b>		
15.421H	Economic History 4 Honours	6

### 3530 Economics — Pass — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 17

To complete the requirements of the award of the degree at Pass level specializing in Economics a candidate shall pass the subjects as set out in Table 5 below with the requirement that at least three options must be chosen from:

15.205E	Marxian Political Economy
15.206E	Post-Keynesian Political Economy
15.207E	Natural and Environmental Resources Economics
15.208E	Industry Economics and Australian Industrial Policy
15.209E	Japanese International Economic Relations
15.210E	Regional and Urban Economics
15.212E	Market Structure and Competition Policy
15.241E	Economics of Developing Countries
15.242E	Money Banking and the Financial System
15.243E	Public Finance
15.245E	The Less Developed Countries in the World Economy
15.246E	Japanese Economic Policy
15.247E	Public Sector Economics
15.242H	Origins of Modern Economics
15.244H	Economic Thought from Marx to Keynes
15.201M	Linear Economics
15.202M	Economic Optimization and Dynamics
15.205M	Introduction to Operations Research
15.207M	Measurement of Income Inequality
15.301M	Mathematical Economics A
15.302M	Mathematical Economics B
15.303M	Econometrics A
15.304M	Econometrics B

**Table 5**

Year 2		Hours per week
<i>Session 1</i>		
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A Option 1 Option 2	3
<i>Session 2</i>		
15.202E	Macroeconomics 2	4
15.204M	Quantitative Economic Techniques B or	3
15.206M	Business Econometrics and Forecasting or	3
15.205M	Introduction to Operations Research** Option 3 Option 4	3

**Year 3**

<i>Session 1</i>		
15.301E	Microeconomics 3 Option 5 Option 6	4
<i>Session 2</i>		
15.302E	Macroeconomics 3 Option 7 Option 8	4

\*\*This subject is normally taught in Session 1. Students may take it in Session 1 and delay Option 2 until Session 2

Students wishing to combine Economics with a major in Japanese Studies should take the following course in Years 2 and 3.

This course is available only to students who enrolled prior to 1989.

**Year 2**

*Session 1*

15.201E	Microeconomics 2
15.203M	Quantitative Economic Techniques A
15.103E	Introductory Japanese A Option (from Rule 7)

*Session 2*

15.202E	Macroeconomics 2
15.204M	Quantitative Economic Techniques B or
15.206M	Business Econometrics and Forecasting or
15.205M	Introduction to Operations Research
15.104E	Introductory Japanese B Option (from Rule 13)

**Year 3**

*Session 1*

15.301E	Microeconomics 3
15.246E	Japanese Economic Policy Option (from Rule 17)

*Session 2*

15.302E	Macroeconomics 3
15.209E	Japanese International Economic Relations
15.303H	Transformation of the Japanese Economy

**3530**

**Economics — Honours — Full-time Course**

**Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 18**

To complete the requirements for the award of the degree at Honours level specializing in Economics a candidate shall pass the subjects as set out in Table 6 below with the requirement that at least three options must be chosen from:

15.205E	Marxian Political Economy
15.206E	Post-Keynesian Political Economy
15.207E	Natural and Environmental Resources Economics
15.208E	Industry Economics and Australian Industrial Policy
15.209E	Japanese International Economic Relations
15.210E	Regional and Urban Economics
15.212E	Market Structure and Competition Policy

15.241E	Economics of Developing Countries
15.242E	Money Banking and the Financial System
15.243E	Public Finance
15.245E	The Less Developed Countries in the World Economy
15.246E	Japanese Economic Policy
15.247E	Public Sector Economics
15.242H	Origins of Modern Economics
15.244H	Economic Thought from Marx to Keynes
15.201M	Linear Economics
15.202M	Economic Optimization and Dynamics
15.205M	Introduction to Operations Research
15.207M	Measurement of Income Inequality
15.301M	Mathematical Economics A
15.302M	Mathematical Economics B
15.303M	Econometrics A
15.304M	Econometrics B

15.103E	Introductory Japanese A
15.104E	Introductory Japanese B
15.246E	Japanese Economic Policy
15.209E	Japanese International Economic Relations
15.303H	Transformation of the Japanese Economy

Other students may take some of these units if they wish.

\*These subjects may be offered in alternate sessions.

**Table 6†**

Year 2		Hours per week
<i>Session 1</i>		
15.221E	Microeconomics 2 (Honours)	4
15.203M	Quantitative Economic Techniques A Option 1 Option 2	3
<i>Session 2</i>		
15.222E	Macroeconomics 2 (Honours)	4
15.204M	Quantitative Economic Techniques B Option 3 Option 4	3
<i>Year 3</i>		
<i>Session 1</i>		
15.322E	Macroeconomics 3 (Honours)*	4
15.244E	International Economics (Honours) Option 5	4
<i>Session 2</i>		
15.321E	Microeconomics 3 (Honours)*	4
15.314E	Economic Methodology Option 6	4

<i>Year 4</i>		
<i>Session 1</i>		
15.421E	Microeconomics 4	4
15.422E	Macroeconomics 4	4
15.426E	Thesis Seminar	
15.427E	Thesis	
<i>Session 2</i>		
15.248E	Capital and Distribution	2
15.246E	Thesis Seminar	
15.427E	Thesis	

†Students may combine a major in Economics with a major in Japanese studies by taking the following five units as their options.

## 3585 Economics and Econometrics — Pass — Full-time Course

### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 21A

To complete the requirements for the award of the degree at Pass level in Economics and Econometrics a candidate shall pass the subjects as set out in Table 9A below:

**Table 9A**

Year 2		Hours per week
<i>Session 1</i>		
15.201M	Linear Economics	3
15.203M	Quantitative Economic Techniques A	3
15.201E	Microeconomics 2 Option 1	4
<i>Session 2</i>		
15.204M	Quantitative Economic Techniques B	3
15.202E	Macroeconomics 2	4
15.202M	Economic Optimization and Dynamics Option 2 (from Rules 17)	3
<i>Year 3</i>		
<i>Session 1</i>		
15.303M	Econometrics A	3
15.301E	Microeconomics 3 or Option 3	4
15.301M	Mathematical Economics A	3
<i>Session 2</i>		
15.304M	Econometrics B	3
15.302M	Mathematical Economics B	3
15.302E	Macroeconomics 3	4

**3580  
Economics and Econometrics — Honours  
— Full-time Course**

**Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 21**

To complete the requirements for the award of the degree at Honours level with combined Honours in Economics and Econometrics a candidate shall pass the subjects as set out in Table 9 below:

**Table 9**

Year 2		Hours per week
<i>Session 1</i>		
15.201M	Linear Economics	3
15.203M	Quantitative Economic Techniques A	3
15.221E	Microeconomics 2 (Honours) Option 1	4
<i>Session 2</i>		
15.204M	Quantitative Economic Techniques B	3
15.202M	Economic Optimization and Dynamics	3
15.222E	Macroeconomics 2 (Honours) Option 2	4
<i>Year 3</i>		
<i>Session 1</i>		
15.323M	Econometrics A (Honours)	3
15.301M	Mathematical Economics A	3
15.244E	International Economics (Honours)	4
<i>Session 2</i>		
15.324M	Econometrics B (Honours)	3
15.302M	Mathematical Economics B	3
15.322E	Macroeconomics 3 (Honours)	4
<i>Year 4</i>		
<i>Session 1</i>		
15.423M	Applied Econometrics A	3
15.422E	Macroeconomics 4 or	4
15.421E	Microeconomics 4	4
15.426E	Thesis Seminar	2
15.427E	Thesis	
<i>Session 2</i>		
15.424M	Applied Econometrics B	3
15.314E	Economic Methodology	4
15.426E	Thesis Seminar	2
15.427E	Thesis	

**3545  
Economics and Finance — Pass — Full-time  
Course**

**Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 26**

To complete the requirements for the award of the degree at Pass level in Economics and Finance a candidate shall pass the subjects set out in Table 14A below.

**Table 14A**

Year 2		Hours per week
<i>Session 1</i>		
98.613	Business Finance 2A	3
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A Option 1	3
<i>Session 2</i>		
98.614	Business Finance 2B	3
15.202E	Macroeconomics 2	4
98.864	Australian Capital Markets Option 2 (from Rule 17)	3
<i>Year 3</i>		
<i>Session 1</i>		
98.615	Business Finance 3	3
15.301E	Microeconomics 3 Option 3	4
<i>Session 2</i>		
98.882	International Business Finance	3
15.302E	Macroeconomics 3	4
15.204M	Quantitative Economic Techniques B or	3
15.206M	Business Econometrics and Forecasting or	3
15.205M	Introduction to Operations Research*	3

\*This subject is normally taught in Session 1. Students may take it in Session 1 and delay Option 3 until Session 2.

**3546  
Economics and Finance — Honours —  
Full-time Course**

**Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 27**

To complete the requirements for the award of the degree at Honours level in Economics and Finance a candidate shall pass the subjects set out in Table 14B below.

**Table 14B**

<b>Year 2</b>		<b>Hours per week</b>
<b>Session 1</b>		
98.613	Business Finance 2A	3
15.221E	Microeconomics 2 (Honours)	4
15.203M	Quantitative Economic Techniques A Option 1	3

**Session 2**

98.864	Australian Capital Markets	3
15.222E	Macroeconomics 2 (Honours)	4
15.204M	Quantitative Economic Techniques B or	3
15.206M	Business Econometrics and Forecasting or	3
15.205M	Introduction to Operations Research**	3
98.624	Business Finance 2B (Honours)	3

**Year 3****Session 1**

98.625	Business Finance 3 (Honours)	3
15.321E	Microeconomics 3 (Honours)	4
15.244E	International Economics (Honours)	4

**Session 2**

98.882	International Business Finance	3
15.322E	Macroeconomics 3 (Honours) Option 2	4

**Year 4\*****Session 1**

98.876	Business Finance 4A	3
15.421E	Microeconomics 4 or	4
15.422E	Macroeconomics 4	
15.427E	Thesis	

**Session 2**

98.887	Business Finance 4B	3
15.242E	Money, Banking and the Financial System or	3
15.243E	Public Finance or	3
15.314E	Economic Methodology	4
15.427E	Thesis	

\*Students are also required to attend either 98.879 Empirical Research in Finance or 15.426E Economics Honours Thesis Seminar, depending on thesis topic.

\*\* This subject is normally taught in Session 1. Students may take it in Session 1 and delay Option 1 until Session 2.

**3555****Economics and Industrial Relations — Pass — Full-time Course****Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 23A**

To complete the requirements for the award of the degree at Pass level in Economics and Industrial Relations, a candidate shall pass the subjects set out in Table 11A below.

**Table 11A**

<b>Year 2</b>		<b>Hours per week</b>
<b>Session 1</b>		
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A	3
30.525	Industrial Relations 2A	3½
30.555	Labour Market Economics	3

**Session 2**

15.202E	Macroeconomics 2	4
30.526	Industrial Relations 2B Option 1 (from Rule 17) Option 2*	3½

**Year 3****Session 1**

30.534	Industrial Relations 3A	3½
15.301E	Microeconomics 3 Option 3*	4

**Session 2**

30.535	Industrial Relations 3B	3½
15.302E	Macroeconomics 3 Option 4*	4

\*Two options to be chosen from subjects listed in Rule 22 and approved by the Head of the School of Industrial Relations and Organizational Behaviour.

**3556****Economics and Industrial Relations — Honours — Full-time Course****Bachelor of Commerce  
BCom**

This course is available only to students who enrolled prior to 1989.

**Rule 23B**

To complete the requirements for the award of the degree at Honours level in Economics and Industrial Relations, a candidate shall pass the subjects set out in Table 11B below:

**Table 11B**

Year 2		Hours per week
<b>Session 1</b>		
15.221E	Microeconomics 2 (Honours)	4
15.203M	Quantitative Economic Techniques A	3
30.528	Industrial Relations 2A (Honours)	5½
30.555	Labour Market Economics	3

<b>Session 2</b>		
15.222E	Macroeconomics 2 (Honours)	4
30.529	Industrial Relations 2B (Honours)	5½
	Option 1 (from Rule 17)	
	Option 2*	

<b>Year 3</b>		
<b>Session 1</b>		
15.321E	Microeconomics 3 (Honours)	4
30.538	Industrial Relations 3A (Honours)	5½
15.244E	International Economics (Honours)	4

<b>Session 2</b>		
15.322E	Macroeconomics 3 (Honours)	4
30.539	Industrial Relations 3B (Honours)	4
	Option 3*	

<b>Year 4</b>		
<b>Session 1</b>		
15.421E	Microeconomics 4 or	4
15.422E	Macroeconomics 4	4
	One Year 4 Industrial Relations subject†	3
	Thesis Seminar	
30.597	Thesis	

<b>Session 2</b>		
15.314E	Economic Methodology or	4
15.248E	Capital and Distribution	2
	One Year 4 Industrial Relations subject†	3
	Thesis Seminar	
30.597	Thesis	

\*Two options to be chosen from subjects listed in Rule 22 and approved by the Head of the School of Industrial Relations and Organizational Behaviour.

†To be approved by the Head of the School of Industrial Relations and Organizational Behaviour.

### 3511 Finance — Pass — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 14A(1)

To complete the requirements for the award of the degree at Pass level specializing in Finance a candidate shall pass the subjects as set out in Table 2A below and two options must be chosen from:

98.630	Bank Financial Management
98.631	Risk and Insurance
98.632	Regulation in Capital Markets

**Table 2A**

Year 2		Hours per week*
<b>Session 1</b>		
14.522	Accounting and Financial Management 2A	4½
15.201E	Microeconomics 2	4
19.602	Computer Information Systems 1	3
98.613	Business Finance 2A	3

<b>Session 2</b>		
14.542	Accounting and Financial Management 2B	4½
15.202E	Macroeconomics 2	4
98.614	Business Finance 2B	3
98.864	Australian Capital Markets	3

<b>Year 3</b>		
<b>Session 1</b>		
98.615	Business Finance 3	3
	Option 1	
	Option 2	

<b>Session 2</b>		
98.882	International Business Finance	3
	Option 3	
	Option 4	

\*Laboratory sessions as required are additional to the prescribed hours.

### 3511 Finance — Honours — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 14A(2)

To complete the requirements for the award of the degree at Honours level specializing in Finance a candidate shall pass the subjects as set out in Table 2B below and two options must be chosen from:

98.630	Bank Financial Management
98.631	Risk and Insurance
98.632	Regulation in Capital Markets



**Table 2B**

<b>Year 2</b>		<b>Hours per week*</b>
<i>Session 1</i>		
14.522	Accounting and Financial Management 2A	4½
15.201E	Microeconomics 2	4
19.602	Computer Information Systems 1	3
98.613	Business Finance 2A	3
<i>Session 2</i>		
14.542	Accounting and Financial Management 2B	4½
15.202E	Macroeconomics 2	4
98.624	Business Finance 2B (Honours)	3
98.864	Australian Capital Markets	3

**Year 3**

<i>Session 1</i>		
98.625	Business Finance 3 (Honours) Option 1 Option 2	3
<i>Session 2</i>		
98.875	Seminar in Finance	3
98.882	International Business Finance Option 3	3

**Year 4**

<i>Session 1</i>		
98.876	Business Finance 4A	3
98.879	Empirical Research in Finance Option 4	3
<i>Session 2</i>		
98.877	Business Finance 4B	3
98.898	Project Seminar	
98.794	Honours Thesis	

\*Laboratory sessions as required are additional to the prescribed hours.

## 3550 Industrial Relations — Pass — Full-time Course

### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

**Rule 22**

To complete the requirements for the award of the degree at Pass level specializing in Industrial Relations a candidate shall pass the subjects as set out in Table 10 below with the requirement that at least five options must be chosen from:

12.651	Psychology (Industrial Relations)†
15.246H	Management Strategy and Business Development
30.512	Industrial Relations 1B
30.556	Labour Market Strategies and Policies
30.566	Industrial Conflict
30.567	Social Aspects of Work and Unionism
30.572	Industrial Democracy
30.574	Industrial Relations Methods
30.575	Industrial Relations Research Methodology
30.576	Labour History
90.501	Trade Unions and the Law
90.551	Settlement of Industrial Disputes
99.774	Legal Environment of Commerce

†This subject is equivalent to two options.

**Table 10**

<b>Year 2</b>		<b>Hours per week</b>
<i>Session 1</i>		
30.525	Industrial Relations 2A	3½
30.555	Labour Market Economics Option 1 Option 2	3
<i>Session 2</i>		
30.526	Industrial Relations 2B	3½
15.204E	Applied Macroeconomics Option 3 Option 4	3½
<b>Year 3</b>		
<i>Session 1</i>		
30.534	Industrial Relations 3A	3½
30.589	Industrial Law Option 5	3
<i>Session 2</i>		
30.535	Industrial Relations 3B Option 6 Option 7	3½

## 3550 Industrial Relations — Honours — Full-time Course

### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

**Rule 23**

To complete the requirements for the award of the degree at Honours level specializing in Industrial Relations a candidate shall pass the subjects set out in Table 11 below with the requirement that at least nine options must be chosen from the following list, with at least four of that nine being subjects for which 30.539 Industrial Relations 3B (Honours) is the prerequisite:

12.651	Psychology (Industrial Relations)†
15.246H	Management Strategy and Business Development
30.512	Industrial Relations 1B
30.556	Labour Market Strategies and Policies
30.566	Industrial Conflict
30.567	Social Aspects of Work and Unionism
30.572	Industrial Democracy
30.574	Industrial Relations Methods
30.575	Industrial Relations Research Methods
30.576	Labour History
90.501	Trade Unions and the Law
90.551	Settlement of Industrial Disputes
99.774	Legal Environment of Commerce
30.541	Comparative Industrial Relations — Developed Countries*
30.545	Industrial Relations Case Studies A*
30.546	Industrial Relations Project Seminar A*
30.547	Comparative Industrial Relations — Less Developed Countries*
30.548	Industrial Relations Case Studies B*
30.549	Industrial Relations Project Seminar B*
30.557	Wages and Incomes Policy*
30.571	Industrial Relations Theory*

†This subject is equivalent to two options.

\*30.539 Industrial Relations 3B (Honours) is the prerequisite.

**Table 11**

<b>Year 2</b>		<b>Hours per week</b>
<b>Session 1</b>		
30.528	Industrial Relations 2A (Honours)	5½
30.555	Labour Market Economics	3
	Option 1	
	Option 2	
<b>Session 2</b>		
30.529	Industrial Relations 2B (Honours)	5½
15.204E	Applied Macroeconomics	3½
	Option 3	
	Option 4	
<b>Year 3</b>		
<b>Session 1</b>		
30.538	Industrial Relations 3A (Honours)	5½
30.589	Industrial Law	3
	Option 5	
<b>Session 2</b>		
30.539	Industrial Relations 3B (Honours)	4
	Option 6	
	Option 7	
<b>Year 4</b>		
<b>Session 1</b>		
	Option 8	
	Option 9	
30.597	Thesis	3
<b>Session 2</b>		
	Option 10	
	Option 11	
30.597	Thesis	3

## 3513 Information Systems — Pass — Full-time Course

### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 14C(1)

To complete the requirements for the award of the degree at Pass level specializing in Information Systems a candidate shall pass the subjects as set out in Table 2E below and two options must be chosen from:

6.621	Computing 2A or
6.712	Computing 1B
14.542	Accounting and Financial Management 2B
14.563	Accounting and Financial Management 3A
14.583	Accounting and Financial Management 3B
14.708	Auditing
19.773	Operations Research in Business
98.613	Business Finance 2A
99.775	Legal Transactions in Commerce
99.776	Legal Regulation of Commerce
99.777	Legal Organization of Commerce
99.783	Taxation Law

**Table 2E**

<b>Year 2</b>		<b>Hours per week*</b>
<b>Session 1</b>		
19.602	Computer Information Systems 1	3
6.711	Computing 1A	6
15.203E	Applied Microeconomics or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics	3½
14.522	Accounting and Financial Management 2A	4½
<b>Session 2</b>		
19.603	Computer Information Systems 2	3
15.204E	Applied Macroeconomics or	3½
15.202E	Macroeconomics 2	4
	Option 1	
	Option 2	
<b>Year 3</b>		
<b>Session 1</b>		
19.605	Computer Systems Implementation	3
19.608	Database Systems	3
	Option 3	
<b>Session 2</b>		
19.607	Distributed Computer Systems	3
19.611	Information Systems Development	3
	Option 4	

\* Laboratory sessions as required are additional to the prescribed hours.

### 3513 Information Systems — Honours — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 14C(2)

To complete the requirements for the award of the degree at Honours level specializing in Information Systems a candidate shall pass the subjects as set out in Table 2F below and two options must be chosen from:

6.621	Computing 2A or
6.712	Computing 1B
14.542	Accounting and Financial Management 2B
14.563	Accounting and Financial Management 3A
14.583	Accounting and Financial Management 3B
14.708	Auditing
19.773	Operations Research in Business
98.613	Business Finance 2A
99.775	Legal Transactions in Commerce
99.776	Legal Regulation of Commerce
99.777	Legal Organization of Commerce
99.783	Taxation Law

The Honours options must be chosen from the following:

19.805	EDP Auditing
19.810	Advanced Data Management
19.811	Knowledge Based Information Systems
19.812	Managing Software Development
19.853	Advanced Systems Management
19.857	Operations Research for Management 1
19.891	Decision Support Systems
19.893	Special Topics in Information Systems

#### Table 2F

Year 2		Hours per week*
<i>Session 1</i>		
19.602	Computer Information Systems 1	3
6.711	Computing 1A	6
15.203E	Applied Microeconomics or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics	3½
14.522	Accounting and Financial Management 2A	4½
<i>Session 2</i>		
19.603	Computer Information Systems 2	3
15.204E	Applied Macroeconomics or	3½
15.202E	Macroeconomics 2	4
	Option 1	
	Option 2	
<i>Year 3</i>		
<i>Session 1</i>		
19.605	Computer Systems Implementation	3
19.608	Database Systems	3
	Option 3	

#### Session 2

19.607	Distributed Computer Systems	3
19.611	Information Systems Development	3
	Option 4	

#### Year 4

##### Session 1

19.886	Research Topics in Information Systems 1	3
	Honours Option 1	
	Honours Option 2	

##### Session 2

19.887	Research Topics in Information Systems 2	3
19.898	Project Seminar	
19.794	Honours Thesis	

\*Laboratory sessions as required are additional to the prescribed hours.

### 3490 Marketing — Pass — Full-time Course

#### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 24

To complete the requirements for the award of the degree at Pass level specializing in Marketing a candidate must pass the subjects as set out in Table 12 below with the requirement that at least two options must be chosen from:

14.522	Accounting and Financial Management 2A
14.583	Accounting and Financial Management 3B
15.205E	Marxian Political Economy
15.206E	Post-Keynesian Political Economy
15.208E	Industry Economics and Australian Industrial Policy
15.241E	Economics of Developing Countries
15.203H	Economic Change in Modern China 1700-1949
15.204H	Economic Transformation in the People's Republic of China
15.208H	British Imperialism in the 19th and 20th Centuries
15.244H	Economic Thought from Marx to Keynes
15.246H	Management Strategy and Business Development
15.303H	Transformation of the Japanese Economy
15.203M	Quantitative Economic Techniques A
15.204M	Quantitative Economic Techniques B
15.206M	Business Econometrics and Forecasting
15.209M	Applied Economic Statistics
19.602	Computer Information Systems 1
19.606	Management Information Systems Design
19.773	Operations Research in Business

27.713	Marketing Geography
28.063	Promotions Management
28.206	Seminar in Marketing A
28.207	Seminar in Marketing B
28.208	Channels of Distribution
28.811	Japanese A
28.812	Japanese B
30.511	Industrial Relations 1A
30.525	Industrial Relations 2A
98.613	Business Finance 2A
99.774	Legal Environment of Commerce
99.776	Legal Regulation of Commerce

**Table 12**

Year 2		Hours per week*
<b>Session 1</b>		
15.203E	Applied Microeconomics† or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics	3½
28.012	Marketing Systems	4
28.032	Consumer Behaviour A Option 1	4
<b>Session 2</b>		
15.202E	Macroeconomics 2 or	4
15.204E	Applied Macroeconomics	3½
28.042	Consumer Behaviour B	4
28.052	Marketing Research Option 2	4
<b>Year 3</b>		
<b>Session 1</b>		
28.022	Marketing Models	4
28.073	Strategic Marketing Option 3	4
<b>Session 2</b>		
28.083	Managerial Marketing	4
28.093	Marketing Information Management Option 4	4

\*Laboratory sessions as required are additional to the prescribed hours.

†15.203E and 15.211E may be offered in alternate sessions. When 15.203E is offered in Session 2 only and students elect to study this subject they should enrol in 15.204E in Session 1

## 3490 Marketing — Honours — Full-time Course

### Bachelor of Commerce BCom

This course is available only to students who enrolled prior to 1989.

#### Rule 25

To complete the requirements for the award of the degree at Honours level specializing in Marketing a candidate shall pass the subjects as set out in Table 13 below with the requirement that at least two options must be chosen from:

14.522	Accounting and Financial Management 2A
14.583	Accounting and Financial Management 3B
15.205E	Marxian Political Economy
15.206E	Post-Keynesian Political Economy
15.208E	Industry Economics and Australian Industrial Policy
15.241E	Economics of Developing Countries
15.203H	Economic Change in Modern China 1700-1949
15.204H	Economic Transformation in the People's Republic of China
15.208H	British Imperialism in the 19th and 20th Centuries
15.244H	Economic Thought from Marx to Keynes
15.246H	Management Strategy and Business Development
15.303H	Transformation of the Japanese Economy
15.203M	Quantitative Economics Techniques A
15.204M	Quantitative Economic Techniques B
15.206M	Business Econometrics and Forecasting
15.209M	Applied Economic Statistics
19.602	Computer Information Systems 1
19.606	Management Information Systems Design
19.773	Operations Research in Business
27.713	Marketing Geography
28.063	Promotions Management
28.206	Seminar in Marketing A
28.207	Seminar in Marketing B
28.208	Channels of Distribution
28.811	Japanese A
28.812	Japanese B
30.511	Industrial Relations 1A
30.525	Industrial Relations 2A
98.613	Business Finance 2A
99.774	Legal Environment of Commerce
99.776	Legal Regulation of Commerce

Potential Honours candidates are required to undertake a special unit in Year 3 full-time and Year 6 part-time, namely Marketing Research (Honours). On successful completion of this unit, they become eligible to apply for enrolment in the Honours program.

Students are required to register in Session 1 for thesis work.

**Table 13**

Year 2		Hours per week*
<b>Session 1</b>		
15.203E	Applied Microeconomics or	3½
15.201E	Microeconomics 2 or	4
15.211E	Managerial Economics	3½
28.012	Marketing Systems	4
28.032	Consumer Behaviour A Option 1	4
<b>Session 2</b>		
15.202E	Macroeconomics 2 or	4
15.204E	Applied Macroeconomics	3½
28.042	Consumer Behaviour B	4
28.052	Marketing Research Option 2	4
<b>Year 3</b>		
<b>Session 1</b>		
28.022	Marketing Models	4
28.073	Strategic Marketing Option 3	4

		Hours per week*
<i>Session 2</i>		
28.083	Managerial Marketing	4
28.093	Marketing Information Management	4
28.143	Marketing Research (Honours)	1
	Option 4	

**Year 4***Session 1*

28.209	Buyer Behaviour	4
28.203	Seminar in Marketing Theory 1	4

*Session 2*

28.204	Thesis	4
28.205	Methods of Marketing Research	4

\*Laboratory sessions as required are additional to the prescribed hours.

---

## **Faculty of Commerce and Economics**

### **School of Education**

---

**3535****Economics — Pass — Full-time Course****Bachelor of Commerce/Diploma of Education****BCom DipEd****3595****Economic History — Pass — Full-time Course****Bachelor of Commerce/Diploma of Education****BCom DipEd**

These courses have been approved but are not available in 1989. For details of the courses see pp 49-50 of the 1981 Commerce Faculty Handbook.

## Prerequisites

### Rule 28

A candidate may not enrol in any subject without having satisfied any prerequisite requirements.

The details of the prerequisite requirements are set out in the section dealing with subject descriptions.

## Special Rule Governing Economics and Mathematics Subjects

### Rule 29

Students who have been excluded from the subjects listed in the left-hand column may not enrol in the subjects listed in the right-hand column:

<i>If excluded from</i>	<i>May not enrol in</i>
15.102M Quantitative Methods A or	10.001 Mathematics 1 or
15.103M Quantitative Methods B	10.011 Higher Mathematics 1
15.204E Applied Macroeconomics	15.202E Macroeconomics 2
15.203E Applied Microeconomics	15.201E Microeconomics 2

**Undergraduate Study**

# **Rules Governing the Award of the Degrees of Bachelor of Commerce and Bachelor of Economics\***

## **Preliminary**

### **Rule 1**

The degrees of Bachelor of Commerce or Bachelor of Economics may be conferred as a Pass degree or as an Honours degree. There shall be three classes of Honours, namely Class 1, Class 2 in two Divisions and Class 3. In cases of superior academic performance throughout the course, the Pass degree will be conferred with merit.

### **Rule 2**

Students not completing the requirements of a Table showing two majors must choose options so that they complete a "disciplinary minor" in a discipline other than the major one identified by the heading of the Table. A "disciplinary minor" is defined as four approved session units of which no more than two may be first year units.

Details of current disciplinary minors are shown following Rule 14.

### **Rule 3**

Candidates are admitted to either the Bachelor of Commerce or the Bachelor of Economics course. There is no automatic transfer between the Bachelor of Commerce and the Bachelor of Economics courses. Candidates may seek to transfer between degrees and decisions will be made by the Faculty Admissions Committee.

### **Rule 4**

A person on whom the Pass degree of Bachelor of Commerce or Bachelor of Economics has been conferred shall not be admitted to candidature for the Honours degree of Bachelor of Commerce or Bachelor of Economics.

*\*These rules apply to students enrolling for these programs for the first time in 1988.*

## **Passing in a Subject**

### **Rule 5**

Where, in the following rules, reference is made to the requirement that a candidate shall pass a subject, the requirement shall be construed as meaning that the candidate shall:

- (1) attend such lectures, seminars and tutorials as may be prescribed in that subject;
- (2) complete assignments, laboratory work, and other set work by the prescribed dates to the satisfaction of the Head of School concerned;
- (3) pass the examination or examinations in that subject.

## **Minimum Time for Completion**

### **Rule 6**

A candidate enrolled in a full-time course may not complete the requirements for the Pass degree in less than six sessions or the Honours degree in less than eight sessions. A candidate enrolled in a part-time course may not normally complete the requirements for the Pass degree in less than twelve sessions or the Honours degree in less than fourteen sessions, provided that these periods may, with the consent of the Head of School, be reduced to ten sessions and twelve sessions respectively in exceptional cases.

## **Normal Program**

### **Rule 7**

A candidate will not normally be permitted to enrol for more than four subjects simultaneously as a full-time student or more than

two subjects simultaneously as a part-time student. The Head of School concerned may in exceptional circumstances grant such exemptions from this rule as the Head considers appropriate.

## Nomination of Course

### Rule 8

A candidate must nominate on the enrolment form the specialization intended when enrolling for the first year.

## General Education Program

### Rule 9

Candidates are required to undertake 56 hours of instruction in at least one of the areas of study in Category (A) and 56 hours of instruction in Category (B).

## Honours Degree

### Rule 10

Upon completion of first or second years of a full-time course or the corresponding stages of a part-time course, a candidate may make a written application to the Head of School concerned for permission to enrol for an Honours degree. When such permission is granted but a candidate's later performance is unsatisfactory, permission to continue as an Honours student may be withdrawn and the student may proceed to an appropriate Pass degree.

## Credit for Subjects Passed at Another University

### Rule 11

Subject to the University rules governing admission with advanced standing, subjects passed at another university may be counted towards fulfilling the requirements of the degree but, in general, not more than four subjects studied for a year or eight subjects studied for a session which are already counted for another degree may be counted towards the requirements for the Bachelor of Commerce or Bachelor of Economics.

## Options

### Rule 12

Subject to the requirements of the individual programs, students may choose options from any approved subject taught in the University. Normally students may not count more than two subjects taught in the General Education program as options. The approval for subjects to count as options is given by the Head of the School responsible for the candidate's specialization. Where such options are prescribed in the following tables, the Head of School may, in exceptional circumstances, vary the selection prescription. Apart from service courses for other faculties, all subjects offered by the Faculty of Commerce and Economics will be automatically approved as options save that no subject can be counted both as an option and as a prescribed subject.

## Order of Progression of Subjects — Full-time and Part-time Students

### Rule 13

Full-time students shall take the subjects in the order set out in these rules. All part-time students shall enrol in Accounting and Financial Management 1A and 1B and Microeconomics 1 and Macroeconomics 1 in their first year. In their second year they shall complete the requirements of the first year full-time course. Thereafter they may divide the subjects in any full-time year between two part-time years. Except in exceptional circumstances, any compulsory subject(s) failed at midyear or end-of-year examinations must be repeated in the first session in which it is next offered.

## Prerequisite Requirements

### Rule 14

To fulfil the requirements of the degrees a candidate shall pass the subjects as set out in the various programs. A candidate may not enrol in any subject without having satisfied any prescribed prerequisite requirement.

## Special Rule Governing Economics and Mathematics Subjects

### Rule 15

Students who have been excluded from the subjects listed in the left-hand column may not enrol in the subjects listed in the right-hand column:

<i>If excluded from</i>	<i>May not enrol in</i>
15.102M Quantitative Methods A or 15.103M Quantitative Methods B	10.001 Mathematics 1 or 10.011 Higher Mathematics 1
15.204E Applied Macroeconomics	15.202E Macroeconomics 2
15.203E Applied Microeconomics	15.201E Microeconomics 2

## Subjects Making Up Disciplinary Minors

A Disciplinary Minor shall be satisfied by a candidate passing any of the following groups of four subjects.

### 1. Accounting — BCom and BEc

14.501	Accounting and Financial Management 1A and
14.511	Accounting and Financial Management 1B
14.522	Accounting and Financial Management 2A and
14.542	Accounting and Financial Management 2B
14.563	Accounting and Financial Management 3A or
14.573	Accounting and Financial Management 3A (Hons)
14.583	Accounting and Financial Management 3B or
14.593	Accounting and Financial Management 3B (Hons)



**2. Banking and Finance — BCom and BEc**

- 98.613 Business Finance 2A  
 98.614 Business Finance 2B or  
 98.624 Business Finance 2B (Hons)  
 98.864 Australian Capital Markets  
*and any one of:*  
 98.615 Business Finance 3 or  
 98.625 Business Finance 3 (Hons)  
 98.882 International Business Finance  
 98.630 Bank Financial Management  
 98.631 Risk and Insurance  
 98.632 Regulation in Capital Markets  
 98.633 Real Estate Finance and Investment  
 98.634 Lending and Liquidity Management  
 98.635 Options, Futures and Risk Management Techniques

**3. Econometrics — BCom and BEc**

- 15.101M Quantitative Methods A (Advanced) or  
 15.102M Quantitative Methods A  
 15.103M Quantitative Methods B  
 15.203M Quantitative Economic Techniques A  
 15.204M Quantitative Economic Techniques B

**4. Economic History — BCom**

- 15.101H Australia in the International Economy in the 20th Century  
 15.102H Australia and the Asia-Pacific Economies: Historical Perspectives

*and any two second/third year Economic History subjects for which 15.101H or 15.102H is a prerequisite.*

**5. Economic History — BEc**

- 15.212H The Industrial Revolution  
 15.213H Australian Economic Development in the 20th Century

*and any two second/third year subjects from List B and List C.*

**6. Economics — BCom and BEc**

- 15.101E Microeconomics 1  
 15.102E Macroeconomics 1  
 15.201E Microeconomics 2 or  
 15.203E Applied Microeconomics  
 15.202E Macroeconomics 2 or  
 15.204E Applied Macroeconomics

**7. Industrial Relations — BCom and BEc**

- 30.511 Industrial Relations 1A  
 30.525 Industrial Relations 2A  
 30.526 Industrial Relations 2B  
 30.534 Industrial Relations 3A or  
 30.535 Industrial Relations 3B

**8. Information Systems — BCom and BEc**

- 19.602 Computer Information Systems 1  
*and any three of:*  
 19.603 Computer Information Systems 2 or  
 19.606 Management Information Systems Design  
 19.605 Computer Systems Implementation  
 19.608 Database Systems  
 19.609 Computer Information Systems Technology  
 19.611 Information Systems Development

**9. Legal Studies and Taxation — BCom and BEc**

- 99.774 Legal Environment of Commerce  
 99.775 Legal Transactions in Commerce  
 99.776 Legal Regulations of Commerce  
 99.777 Legal Organization of Commerce  
 99.783 Taxation Law

**10. Marketing — BCom and BEc**

- 28.012 Marketing Systems  
 28.052 Marketing Research  
 28.073 Strategic Marketing  
 28.083 Managerial Marketing

**11. Japanese — BCom and BEc**

- 15.103E Introductory Japanese A  
 15.104E Introductory Japanese B  
 28.811 Japanese A  
 28.812 Japanese B

**12. Arts Subjects**

**Level one Arts subjects** with a value of at least 12 credit points  
**plus Upper Level Arts subjects** with a value of at least 12 credit points **all** in the same approved discipline.

---

## Bachelor of Commerce BCom

---

**3481****Accounting — Pass — Full-time Course****Bachelor of Commerce  
BCom**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level specializing in Accounting a candidate shall pass the subjects as set out in Table 1 below with the requirement that:

(a) One option must be chosen from:

- 15.201E Microeconomics 2  
 15.202E Macroeconomics 2  
 15.203E Applied Microeconomics  
 15.204E Applied Macroeconomics  
 15.211E Managerial Economics  
 15.246E Japanese Economic Policy  
 15.201H Management and Business Development  
 15.213H Australian Economic Development in the 20th Century  
 15.203M Quantitative Economic Techniques A  
 15.205M Introduction to Operations Research  
 15.206M Business Econometrics and Forecasting

(b) One option must be chosen from:

- 14.708 Auditing  
 14.855 Design of Cost Management Systems  
 14.856 Management Planning and Control

(c) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

**Table 1**

<b>Year 1</b>		<b>Hours per week*</b>
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
99.774	Legal Environment of Commerce	3
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A ‡ or	3½
15.101M	Quantitative Methods A (Advanced)	3½
<b>Session 2</b>		
14.511	Accounting and Financial Management 1B	4½
19.602	Computer Information Systems 1	3
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B	3½

**Year 2**

<b>Session 1</b>		
14.522	Accounting and Financial Management 2A	4½
98.613	Business Finance 2A	3
	Option 1	
	Option 2	
<b>Session 2</b>		
14.542	Accounting and Financial Management 2B	4½
	Option 3	
	Option 4	
	Option 5	

**Year 3**

<b>Session 1</b>		
14.563	Accounting and Financial Management 3A	4½
	Option 6	
	Option 7	
<b>Session 2</b>		
14.583	Accounting and Financial Management 3B	4½
	Option 8	
	Option 9	

\*Laboratory sessions as required are additional to the prescribed hours.

‡The Head of the School of Accounting may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

**3481**

**Accounting — Honours — Full-time Course**  
**Bachelor of Commerce**  
**BCom**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Honours level specializing in Accounting a candidate shall pass the subjects as set out in Table 2 below with the requirement that:

(i) One option must be chosen from:

15.201E	Microeconomics 2
15.202E	Macroeconomics 2
15.203E	Applied Microeconomics
15.204E	Applied Macroeconomics
15.211E	Managerial Economics
15.246E	Japanese Economic Policy
15.201H	Management and Business Development
15.213H	Australian Economic Development in the 20th Century
15.203M	Quantitative Economic Techniques A
15.205M	Introduction to Operations Research
15.206M	Business Econometrics and Forecasting

(ii) One option must be chosen from:

14.708	Auditing
14.855	Design of Cost Management Systems
14.856	Management Planning and Control*

(iii) One Honours option must be chosen from:

14.801	Advanced Studies in Financial Accounting 1
14.802	Advanced Studies in Financial Accounting 2
14.803	Regulation of Accounting
14.804	Development of Accounting Thought
14.809	Current Developments in Auditing Research
14.856	Management Planning and Control*
14.867	Special Topic in Accounting
19.805	EDP Auditing

(iv) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

\*This option can be taken to satisfy either (ii) or (iii) but not both.

**Table 2**

<b>Year 1</b>		<b>Hours per week*</b>
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
99.774	Legal Environment of Commerce	3
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A ‡ or	3½
15.101M	Quantitative Methods A (Advanced)	3½
<b>Session 2</b>		
14.511	Accounting and Financial Management 1B	4½
19.602	Computer Information Systems 1	3
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B‡	3½

**Year 2**

<b>Session 1</b>		
14.522	Accounting and Financial Management 2A	4½
98.613	Business Finance 2A	3
	Option 1	
	Option 2	

## Session 2

14.542	Accounting and Financial Management 2B	4½
	Option 3	
	Option 4	
	Option 5	

## Year 3

## Session 1

14.573	Accounting and Financial Management 3A (Honours)	6
	Option 6	
	Option 7	

## Session 2

14.593	Accounting and Financial Management 3B (Honours)	6
	Option 8	
	Option 9	

## Year 4

## Session 1

14.851	Current Developments in Accounting Research — Financial	3
14.852	Current Developments in Accounting Research — Managerial	3
14.897	Seminar in Research Methodology	3

## Session 2

	Honours Option	
14.898	Project Seminar	
14.794	Honours Thesis	

\*Laboratory sessions as required are additional to the prescribed hours.

†The Head of the School of Accounting may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

## 3506

## Accounting and Business Information Technology — Pass — Full-time Course

Bachelor of Commerce  
BCom

This is a new course to be offered in 1990 for the first time.

Entry to the program is at first year only, and through the scholarship selection procedure.

To complete the requirements for the award of the degree at Pass level specializing in Accounting and Business Information Technology a candidate shall pass the subjects as set out in Table 3 below with the requirement that:

(i) One option must be chosen from:

15.201E	Microeconomics 2
15.202E	Macroeconomics 2
15.203E	Applied Microeconomics
15.204E	Applied Macroeconomics

15.211E	Managerial Economics
15.246E	Japanese Economic Policy
15.201H	Management and Business Development
15.213H	Australian Economic Development in the 20th Century
15.203M	Quantitative Economic Techniques A
15.205M	Introduction to Operations Research
15.206M	Business Econometrics and Forecasting

(ii) One option must be chosen from:

14.708	Auditing
14.855	Design of Cost Management Systems
14.856	Management Planning and Control

## Table 3

## Year 1

## Session 1

		Hours per week*
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A† or	3½
15.101M	Quantitative Methods A (Advanced)	3½
99.774	Legal Environment of Commerce	3

## Session 2

15.103M	Quantitative Methods B†	3½
19.602	Computer Information Systems 1	3
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½

## Year 2

## Session 1

19.691	Industrial Training 1	
19.609	Computer Information Systems Technology	3

## Session 2

19.603	Computer Information Systems 2	3
98.613	Business Finance 2A	3
	Option 1	
	Option 2	

## Year 3

## Session 1

19.608	Database Systems	3
14.522	Accounting and Financial Management 2A	4½
	Option 3	
	Option 4	

## Session 2

19.692	Industrial Training 2	
19.611	Information Systems Development	3
14.542	Accounting and Financial Management 2B	4½

Year 4		Hours per week*
<b>Session 1</b>		
19.693	Industrial Training 3	
14.563	Accounting and Financial Management 3A	4½
<b>Session 2</b>		
19.607	Distributed Computer Systems	3
14.583	Accounting and Financial Management 3B	4½
	Option 5	
	Option 6	

\*Laboratory sessions as required are additional to the prescribed hours.

†The Heads of the Schools of Accounting and Information Systems may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

### 3485 Accounting and Finance — Pass — Full-time Course

#### Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the Pass degree specialising in Accounting and Finance a candidate shall pass the subjects as set out in Table 4 below with the requirement that:

(i) Two options must be chosen from:

99.774	Legal Environment of Commerce
19.602	Computer Information Systems 1

(ii) Two options must be chosen from:

98.630	Bank Financial Management
98.631	Risk and Insurance
98.632	Regulation in Capital Markets
98.633	Real Estate Finance and Investment
98.634	Lending and Liquidity Management
98.635	Options, Futures and Risk Management Techniques

(iii) One option must be chosen from:

14.708	Auditing
14.855	Design of Cost Management Systems
14.856	Management Planning and Control

**Table 4**

Year 1		Hours per week*
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A† or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½

Session 2		Hpw*
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B† Option 2	3½

#### Year 2

<b>Session 1</b>		
14.522	Accounting and Financial Management 2A	4½
98.613	Business Finance 2A	3
15.201E	Microeconomics 2 Option 3	4

#### Session 2

14.542	Accounting and Financial Management 2B	4½
98.614	Business Finance 2B	3
98.864	Australian Capital Markets Option 4	3

#### Year 3

<b>Session 1</b>		
14.563	Accounting and Financial Management 3A	4½
98.615	Business Finance 3 Option 5 Option 6	3

#### Session 2

14.563	Accounting and Financial Management 3B	4½
98.882	International Business Finance Option 7 Option 8	3

\*Laboratory sessions as required are additional to the prescribed hours.

†The Heads of the Schools of Accounting and Banking and Finance may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

### 3485 Accounting and Finance — Honours — Full-time Course

#### Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Honours level specialising in Accounting and Finance a candidate shall pass the subjects as set out in Table 5 below with the requirement that:

(i) Two options must be chosen from:

99.774	Legal Environment of Commerce
19.602	Computer Information Systems 1

(ii) One option must be chosen from:

98.630	Bank Financial Management
98.631	Risk and Insurance
98.632	Regulation in Capital Markets
98.633	Real Estate Finance and Investment
98.634	Lending and Liquidity Management
98.635	Options, Futures and Risk Management Techniques

(iii) One option must be chosen from:

14.708	Auditing
14.855	Design of Cost Management Systems
14.856	Management Planning and Control

**Table 5**

Year 1		Hours per week*
--------	--	--------------------

**Session 1**

14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A† or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½

**Session 2**

14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B‡ Option 2	3½

**Year 2****Session 1**

14.522	Accounting and Financial Management 2A	4½
98.613	Business Finance 2A	3
15.201E	Microeconomics 2 Option 3	4

**Session 2**

14.542	Accounting and Financial Management 2B	4½
98.624	Business Finance 2B (Honours)	3
98.864	Australian Capital Markets Option 4	3

**Year 3****Session 1**

14.573	Accounting and Financial Management 3A (Honours)	6
98.625	Business Finance 3 (Honours) Option 5 Option 6	3

**Session 2**

14.593	Accounting and Financial Management 3B (Honours)	6
98.875	Seminar in Finance	3
98.882	International Business Finance Option 7	3

**Year 4****Session 1**

98.876	Business Finance 4A	3
14.851	Current Developments in Accounting Research — Financial or	3
14.852	Current Developments in Accounting Research — Managerial	3
14.897	Seminar in Research Methodology	3

**Session 2**

98.877	Business Finance 4B
14.898	Project Seminar
14.794	Honours Thesis**

Hpw\*  
3

†The Heads of the Schools of Accounting and Banking and Finance may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

\*Laboratory sessions as required are additional to the prescribed hours.

\*\*The thesis topic must be approved by the Heads of both Schools of Accounting and Banking and Finance.

**3483**

### Accounting and Information Systems — Pass — Full-time Course Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level specializing in Accounting and Information Systems a candidate shall pass the subjects as set out in Table 6 below with the requirement that:

(i) One option must be chosen from:

15.201E	Microeconomics 2
15.202E	Macroeconomics 2
15.203E	Applied Microeconomics
15.204E	Applied Macroeconomics
15.211E	Managerial Economics
15.246E	Japanese Economic Policy
15.201H	Management and Business Development
15.213H	Australian Economic Development in the 20th Century
15.203M	Quantitative Economic Techniques A
15.205M	Introduction to Operations Research
15.206M	Business Econometrics and Forecasting

(ii) One option must be chosen from:

14.708	Auditing
14.855	Design of Cost Management Systems
14.856	Management Planning and Control

**Table 6**

Year 1		Hours per week*
--------	--	--------------------

**Session 1**

14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
99.774	Legal Environment of Commerce	3
15.102M	Quantitative Methods A† or	3½
15.101M	Quantitative Methods A (Advanced)	3½

**Session 2**

14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B‡	3½
19.602	Computer Information Systems 1	3

Year 2		Hours per week*
<i>Session 1</i>		
14.522	Accounting and Financial Management 2A	4½
19.609	Computer Information Systems Technology	3
98.613	Business Finance 2A Option 1	3
<i>Session 2</i>		
14.542	Accounting and Financial Management 2B	4½
19.603	Computer Information Systems 2 Option 2	3
	Option 3	
<b>Year 3</b>		
<i>Session 1</i>		
14.563	Accounting and Financial Management 3A	4½
19.608	Database Systems	3
19.605	Computer Systems Implementation Option 4	3
<i>Session 2</i>		
14.583	Accounting and Financial Management 3B	4½
19.607	Distributed Computer Systems Option 5	3
	Option 6	

†The Head of School may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.  
\*Laboratory sessions as required are additional to the prescribed hours.

### 3483 Accounting and Information Systems — Honours — Full-time Course Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Honours level specializing in Accounting and Information Systems a candidate shall pass the subjects as set out in Table 7 below with the requirement that:

(i) One option must be chosen from:

- 15.201E Microeconomics 2
- 15.202E Macroeconomics 2
- 15.203E Applied Microeconomics
- 15.204E Applied Macroeconomics
- 15.211E Managerial Economics
- 15.246E Japanese Economic Policy
- 15.201H Management and Business Development

15.213H	Australian Economic Development in the 20th Century
15.203M	Quantitative Economic Techniques A
15.205M	Introduction to Operations Research
15.206M	Business Econometrics and Forecasting
(ii) One option must be chosen from:	
14.708	Auditing
14.855	Design of Cost Management Systems
14.856	Management Planning and Control
(iii) One Honours option must be chosen from:	
14.801	Advanced Studies in Financial Accounting 1
14.802	Advanced Studies in Financial Accounting 2
14.803	Regulation of Accounting
14.804	Development of Accounting Thought
14.809	Current Developments in Auditing Research
14.851	Current Developments in Accounting Research — Financial
14.867	Special Topic in Accounting
(iv) One Honours option must be chosen from:	
19.805	EDP Auditing
19.810	Advanced Data Management
19.811	Knowledge Based Information Systems
19.812	Managing Software Development
19.853	Advanced Systems Management
19.857	Operations Research for Management 1
19.887	Research Topics in Information Systems 2
19.891	Decision Support Systems
19.893	Special Topic in Information Systems

**Table 7**

Year 1	Hours per week*
<i>Session 1</i>	
14.501	Accounting and Financial Management 1A 4½
15.101E	Microeconomics 1 3½
99.774	Legal Environment of Commerce 3
15.102M	Quantitative Methods A† or 3½
15.101M	Quantitative Methods A (Advanced) 3½
<i>Session 2</i>	
14.511	Accounting and Financial Management 1B 4½
15.102E	Macroeconomics 1 3½
15.103M	Quantitative Methods B† 3½
19.602	Computer Information Systems 1 3

#### Year 2

##### Session 1

14.522	Accounting and Financial Management 2A 4½
19.609	Computer Information Systems Technology 3
98.613	Business Finance 2A 3
	Option 1

##### Session 2

14.542	Accounting and Financial Management 2B 4½
19.603	Computer Information Systems 2 3
	Option 2
	Option 3

Year 3		Hours per week*	Table 8		Hours per week
Session 1			Year 1		
14.563	Accounting and Financial Management 3A	4½	Session 1		
19.608	Database Systems	3	14.501	Accounting and Financial Management 1A	4½
19.605	Computer Systems Implementation Option 4	3	15.101E	Microeconomics 1	3½
Session 2			15.102M	Quantitative Methods A or	3½
14.583	Accounting and Financial Management 3B	4½	15.101M	Quantitative Methods A (Advanced) Option 1	3½
19.607	Distributed Computer Systems Option 5 Option 6	3	Session 2		
Session 4			14.511	Accounting and Financial Management 1B	4½
Session 1			15.102E	Microeconomics 1	3½
14.852	Current Developments in Accounting Research — Managerial	3	15.103M	Quantitative Methods B Option 2	3½
19.886	Research Topics in Information Systems 1 Honours Option 1	3	Year 2		
Session 2			Session 1		
14.898	Honours Option 2		15.201E	Microeconomics 2	4
14.794	Project Seminar		15.203M	Quantitative Economic Techniques A	3
14.794	Honours Thesis		98.613	Business Finance 2A Option 3	3
Session 2			Session 2		
14.898	Honours Option 2		98.614	Business Finance 2B	3
14.794	Project Seminar		15.204M	Quantitative Economic Techniques B	3
14.794	Honours Thesis		15.202M	Economic Optimization and Dynamics	3
Session 2			98.864	Australian Capital Markets	3
Session 2			Year 3		
14.898	Honours Option 2		Session 1		
14.794	Project Seminar		98.615	Business Finance 3	3
14.794	Honours Thesis		15.303M	Econometrics A Options 4 Options 5	3
Session 2			Session 2		
14.898	Honours Option 2		15.304M	Econometrics B	3
14.794	Project Seminar		15.206M	Business Econometrics and Forecasting	3
14.794	Honours Thesis		98.882	International Business Finance Option 6	3

\*Laboratory sessions as required are additional to the prescribed hours.

†The Heads of the Schools of Accounting and Information Systems may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

### 3562 Econometrics and Finance — Pass — Full-time Course Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the degree at Pass level specializing in Econometrics and Finance a candidate shall pass the subjects as set out in Table 8 below with the requirement that:

(i) Two options must be chosen from:

- 98.630 Bank Financial Management
- 98.631 Risk and Insurance
- 98.632 Regulation in Capital Markets
- 98.633 Real Estate Finance and Investment
- 98.634 Lending and Liquidity Management
- 98.635 Options, Futures and Risk Management  
Techniques

(ii) Two options must be chosen from:

- 15.201M Linear Economics
- 15.205M Introduction to Operations Research
- 15.209M Applied Economic Statistics

### 3562 Econometrics and Finance — Honours — Full-time Course Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the degree at Honours level specializing in Econometrics and Finance a candidate shall pass the subjects as set out in Table 9 below with the requirement that:

(i) Two options must be chosen from:

- 98.630 Bank Financial Management
- 98.631 Risk and Insurance

98.632	Regulation in Capital Markets
98.633	Real Estate Finance and Investment
98.634	Lending and Liquidity Management
98.635	Options, Futures and Risk Management Techniques

(ii) Two options must be chosen from:

15.201M	Linear Economics
15.205M	Introduction to Operations Research
15.209M	Applied Economic Statistics

**Year 4**

*Session 1*

98.876	Business Finance 4A	3
15.423M	Applied Econometrics A	3
15.427M	Thesis	

*Session 2*

98.877	Business Finance 4B	3
15.424M	Applied Econometrics B	3
15.427M	Thesis	

**Hours  
per week\***

**Table 9**

**Year 1**

*Session 1*

		<b>Hours per week</b>
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½

*Session 2*

14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B Option 2	3½

**Year 2**

*Session 1*

15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A	3
98.613	Business Finance 2A Option 3	3

*Session 2*

98.624	Business Finance 2B (Honours)	3
15.204M	Quantitative Economic Techniques B	3
15.202M	Economic Optimization and Dynamics	3
98.864	Australian Capital Markets	3

**Year 3**

*Session 1*

98.625	Business Finance 3 (Honours)	3
15.303M	Econometrics A Option 4 Option 5	3

*Session 2*

15.304M	Econometrics B	3
15.206M	Business Econometrics and Forecasting	3
98.882	International Business Finance Option 6	3

**3482**

**Finance — Pass — Full-time Course  
Bachelor of Commerce  
BCom**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level specializing in Finance a candidate shall pass the subjects as set out in Table 10 below with the requirement that:

(i) Four options must be chosen from

98.630	Bank Financial Management
98.631	Risk and Insurance
98.632	Regulation in Capital Markets
98.633	Real Estate Finance and Investment
98.634	Lending and Liquidity Management
98.635	Options, Futures and Risk Management Techniques

(ii) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

**Table 10**

**Year 1**

*Session 1*

14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A† or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½

*Session 2*

14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B‡ Option 2	3½

**Hours  
per week\***



Year 2		Hours per week*			Hours per week
<i>Session 1</i>			<i>Session 2</i>		
98.613	Business Finance 2A	3	14.511	Accounting and Financial Management 1B	4½
15.201E	Microeconomics 2	4	15.102E	Macroeconomics 1	3½
	Option 3		15.103M	Quantitative Methods B‡	3½
	Option 4			Option 2	
<i>Session 2</i>			<b>Year 2</b>		
98.614	Business Finance 2B	3	<i>Session 1</i>		
98.864	Australian Capital Markets	3	98.613	Business Finance 2A	3
	Option 5		15.201E	Microeconomics 2	4
	Option 6			Option 3	
				Option 4	
<b>Year 3</b>			<i>Session 2</i>		
<i>Session 1</i>			98.624	Business Finance 2B (Honours)	3
98.615	Business Finance 3	3	98.864	Australian Capital Markets	3
	Option 7			Option 5	
	Option 8			Option 6	
<i>Session 2</i>			<b>Year 3</b>		
98.882	International Business Finance	3	<i>Session 1</i>		
	Option 9		98.625	Business Finance 3 (Honours)	3
	Option 10			Option 7	
				Option 8	

\*Laboratory sessions as required are additional to the prescribed hours.

‡The Head of the School of Banking and Finance may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

### 3482 Finance — Honours — Full-time Course Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Honours level specializing in Finance a candidate shall pass the subjects as set out in Table 11 below with the requirement that:

(i) Four options must be chosen from:

- 98.630 Bank Financial Management
- 98.631 Risk and Insurance
- 98.632 Regulation in Capital Markets
- 98.633 Real Estate Finance and Investment
- 98.634 Lending and Liquidity Management
- 98.635 Options, Futures and Risk Management Techniques

(ii) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

**Table 11**

Year 1		Hours per week*
<i>Session 1</i>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A‡ or	3½
15.101M	Quantitative Methods A (Advanced)	3½
	Option 1	

<i>Session 2</i>		
98.875	Seminar in Finance	3
98.882	International Business Finance	3
	Option 9	

### Year 4

<i>Session 1</i>		
98.876	Business Finance 4A	3
98.879	Empirical Research in Finance	3
	Option 10	

<i>Session 2</i>		
98.877	Business Finance 4B	3
98.898	Project Seminar	
98.794	Honours Thesis	

‡The Head of the School of Banking and Finance may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

\*Laboratory sessions as required are additional to the prescribed hours.

### 3486 Industrial Relations — Pass — Full-time Course

#### Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level specializing in Industrial Relations a candidate shall pass the subjects as set out in Table 12 below with the requirements that:

(i) Students must complete 2 General Education subjects, the second of which may be taken in Year 1 or Year 2.

(ii) One option must be chosen from:

- 15.201E Microeconomics 2
- 15.203E Applied Microeconomics
- 15.204E Applied Macroeconomics
- 15.205E Marxian Political Economy
- 15.206E Post-Keynesian Political Economy
- 15.211E Managerial Economics
- 15.201H Management and Business Development
- 15.203H Economic Change in Modern China 1700-1949
- 15.204H Economic Transformation in the People's Republic of China
- 15.208H British Imperialism in the 19th and 20th Centuries
- 15.303H Transformation of the Japanese Economy.

(iii) The three subjects 30.576 Labour History, 30.589 Industrial Law and 30.574 Industrial Relations Methods may, with the permission of the Head of School of Industrial Relations and Organizational Behaviour, be substituted with:

- 30.512 Industrial Relations 1B
- 30.541 Comparative Industrial Relations — Developing Countries
- 30.556 Labour Market Strategies and Policies
- 30.566 Industrial Conflict
- 30.567 Social Aspects of Work and Unionism
- 30.571 Industrial Relations Theory
- 30.572 Industrial Democracy

(iv) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

## Table 12

Year 1	Hours per week
<b>Session 1</b>	
14.501 Accounting and Financial Management 1A	4½
15.101E Microeconomics 1	3½
15.102M Quantitative Methods A or	3½
15.101M Quantitative Methods A (Advanced) Option 1 (General Education)	3½
<b>Session 2</b>	
14.511 Accounting and Financial Management 1B	4½
15.102E Macroeconomics 1	3½
15.103M Quantitative Methods B	3½
30.511 Industrial Relations 1A or Option 2 (General Education)	3½
<b>Year 2</b>	
<b>Session 1</b>	
30.525 Industrial Relations 2A	3½
30.555 Labour Market Economics	3
30.511 Industrial Relations 1A or Option 2 (General Education) Option 3	3½

### Session 2

30.526 Industrial Relations 2B	3½
30.576 Labour History	3
Option 4	
Option 5	

### Year 3

#### Session 1

30.534 Industrial Relations 3A	3½
30.589 Industrial Law	3
Option 6	

#### Session 2

30.535 Industrial Relations 3B	3½
30.574 Industrial Relations Methods	3
Option 7	

## 3486

### Industrial Relations — Honours — Full-time Course

#### Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Honours level specializing in Industrial Relations a candidate shall pass the subjects as set out in Table 13 below with the requirements that:

(i) Students must complete 2 General Education subjects, the second of which may be taken in Year 1 or Year 2.

(ii) One option must be chosen from:

- 15.201E Microeconomics 2
- 15.203E Applied Microeconomics
- 15.204E Applied Macroeconomics
- 15.205E Marxian Political Economy
- 15.206E Post-Keynesian Political Economy
- 15.211E Managerial Economics
- 15.201H Management and Business Development
- 15.203H Economic Change in Modern China 1700-1949
- 15.204H Economic Transformation in the People's Republic of China
- 15.208H British Imperialism in the 19th and 20th Centuries
- 15.303H Transformation of the Japanese Economy

(iii) The two subjects 30.576 Labour History, 30.589 Industrial Law may, with the permission of the Head of School of Industrial Relations and Organizational Behaviour, be substituted with:

- 30.512 Industrial Relations 1B
- 30.541 Comparative Industrial Relations — Developing Countries
- 30.556 Labour Market Strategies and Policies
- 30.566 Industrial Conflict
- 30.567 Social Aspects of Work and Unionism
- 30.571 Industrial Relations Theory
- 30.572 Industrial Democracy

(iv) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

**Table 13**

<b>Year 1</b>		<b>Hours per week</b>
<i>Session 1</i>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced) Option 1 (General Education)	3½
<i>Session 2</i>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B	3½
30.511	Industrial Relations 1A or Option 2 (General Education)	3½
<b>Year 2</b>		
<i>Session 1</i>		
30.525	Industrial Relations 2A	3½
30.555	Labour Market Economics	3
30.511	Industrial Relations 1A or Option 2 (General Education) Option 3	3½
<i>Session 2</i>		
30.526	Industrial Relations 2B	3½
30.576	Labour History Option 4 Option 5	3
<b>Year 3</b>		
<i>Session 1</i>		
30.534	Industrial Relations 3A	3½
30.589	Industrial Law Option 6	3
<i>Session 2</i>		
30.535	Industrial Relations 3B	3½
30.599	Research Methods and Thesis Workshop Option 7	2
<b>Year 4</b>		
<i>Session 1</i>		
30.545	Case Studies A	3
30.598	Industrial Relations Seminar	
30.597	Thesis	
<i>Session 2</i>		
30.548	Case Studies B	3
30.598	Industrial Relations Seminar	
30.597	Thesis	

**3484****Information Systems — Pass — Full-time Course****Bachelor of Commerce  
BCom**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level specializing in Information Systems a candidate shall pass the subjects as set out in Table 14 below with the requirements that:

(i) One option must be chosen from:

- 15.201E Microeconomics 2
- 15.202E Macroeconomics 2
- 15.203E Applied Microeconomics
- 15.204E Applied Macroeconomics
- 15.211E Managerial Economics
- 15.246E Japanese Economic Policy
- 15.201H Management and Business Development
- 15.213H Australian Economic Development in the 20th Century
- 15.203M Quantitative Economic Techniques A
- 15.205M Introduction to Operations Research
- 15.206M Business Econometrics and Forecasting

(ii) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

**Table 14**

<b>Year 1</b>		<b>Hours per week</b>
<i>Session 1</i>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
99.774	Legal Environment of Commerce	3
15.102M	Quantitative Methods A* or	3½
15.101M	Quantitative Methods A (Advanced)	3½
<i>Session 2</i>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B*	3½
19.602	Computer Information Systems 1	3
<b>Year 2</b>		
<i>Session 1</i>		
19.609	Computer Information Systems Technology	3
14.522	Accounting and Financial Management 2A	4½
6.711	Computing 1A Option 1	6
<i>Session 2</i>		
19.603	Computer Information Systems 2	3
6.712	Computing 1B Option 2 Option 3	6

Year 3		Hours per week*
<b>Session 1</b>		
19.605	Computer Systems Implementation	3
19.608	Database Systems Option 4	3
<b>Session 2</b>		
19.607	Distributed Computer Systems	3
19.611	Information Systems Development Option 5	3

\*The Head of the School may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

### 3484 Information Systems — Honours — Full-time Course

#### Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Honours level specializing in Information Systems a candidate shall pass the subjects as set out in Table 15 below with the requirements that:

(i) One option must be chosen from:

- 15.201E Microeconomics 2
- 15.202E Macroeconomics 2
- 15.203E Applied Microeconomics
- 15.204E Applied Macroeconomics
- 15.211E Managerial Economics
- 15.246E Japanese Economic Policy
- 15.201H Management and Business Development
- 15.213H Australian Economic Development in the 20th Century
- 15.203M Quantitative Economic Techniques A
- 15.205M Introduction to Operations Research
- 15.206M Business Econometrics and Forecasting.

(ii) Two Honours options must be chosen from:

- 19.805 EDP Auditing
- 19.810 Advanced Data Management
- 19.811 Knowledge Based Information Systems
- 19.812 Managing Software Development
- 19.853 Advanced Systems Management
- 19.857 Operations Research for Management 1
- 19.891 Decision Support Systems
- 19.893 Special Topics in Information Systems

(iii) Students must also satisfy the BCom "minor" requirements as set out in Rule 2.

**Table 15**

Year 1		Hours per week
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
99.774	Legal Environment of Commerce	3
15.102M	Quantitative Methods A* or	3½
15.101M	Quantitative Methods A (Advanced)	3½
<b>Session 2</b>		
14.511	Accounting and Financial Management 1 B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B*	3½
19.602	Computer Information Systems 1	3
<b>Year 2</b>		
<b>Session 1</b>		
19.609	Computer Information Systems Technology	3
14.522	Accounting and Financial Management 2A	4½
6.711	Computing 1A Option 1	6
<b>Session 2</b>		
19.603	Computer Information Systems 2	3
6.712	Computing 1B Option 2 Option 3	6
<b>Year 3</b>		
<b>Session 1</b>		
19.605	Computer Systems Implementation	3
19.608	Database Systems Option 4	3
<b>Session 2</b>		
19.607	Distributed Computer Systems	3
19.611	Information Systems Development Option 5	3
<b>Year 4</b>		
<b>Session 1</b>		
19.886	Research Topics in Information Systems 1 Honours Option 1 Honours Option 2	3
<b>Session 2</b>		
19.887	Research Topics in Information Systems 2	3
19.898	Project Seminar	
19.794	Honours Thesis.	

\*The Head of the School may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

### 3480 Marketing — Pass — Full-time Course Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level specializing in Marketing, a candidate shall pass the subjects as set out in Table 16 below with the requirements that:

(i) The options shall be chosen from any of the subjects offered by Faculty, subject to prerequisites being met and to Faculty Rule 2 for a disciplinary minor. Candidates may choose to include 27.713 Marketing Geography as an option.

(ii) At least one option must be chosen from:

15.201E	Microeconomics 2
15.202E	Macroeconomics 2
15.203E	Applied Microeconomics
15.204E	Applied Macroeconomics
15.205E	Marxian Political Economy
15.206E	Post-Keynesian Political Economy
15.208E	Industry Economics and Australian Industrial Policy
15.211E	Managerial Economics
15.241E	Economics of Developing Countries
15.201H	Management and Business Development
15.203H	Economic Change in Modern China 1700-1949
15.204H	Economic Transformation in the People's Republic of China
15.208H	British Imperialism in the 19th and 20th Centuries
15.244H	Economic Thought from Marx to Keynes
15.303H	Transformation of the Japanese Economy

#### Session 2

28.042	Consumer Behaviour B	4
28.052	Marketing Research	4
	Option 5	
	Option 6	

Hpw\*

#### Year 3

##### Session 1

28.022	Marketing Models	4
28.073	Strategic Marketing	4
	Option 7	

##### Session 2

28.083	Managerial Marketing	4
28.093	Marketing Information Management	4
	Option 8	

\*Laboratory sessions as required are additional to the prescribed hours.

†The Head of the School may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

**Table 16**

Year 1		Hours per week*
<i>Session 1</i>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A† or	3½
15.101M	Quantitative Methods A (Advanced)	3½
	Option 1 (General Education A or B)	
<i>Session 2</i>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Microeconomics 1	3½
15.103M	Quantitative Methods B†	3½
	Option 2 (General Education B or A)	
<i>Year 2</i>		
<i>Session 1</i>		
28.012	Marketing Systems	4
28.032	Consumer Behaviour A	4
	Option 3	
	Option 4	

### 3480 Marketing — Honours — Full-time Course Bachelor of Commerce BCom

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Honours level specializing in Marketing, a candidate shall pass the subjects as set out in Table 17 below with the requirements that:

(i) The options shall be chosen from any of the subjects offered by Faculty, subject to prerequisites being met and to Faculty Rule 2 for a disciplinary minor. Candidates may choose to include 27.713 Marketing Geography as an option.

(ii) At least one option must be chosen from:

15.201E	Microeconomics 2
15.202E	Macroeconomics 2
15.203E	Applied Microeconomics
15.204E	Applied Macroeconomics
15.205E	Marxian Political Economy
15.206E	Post-Keynesian Political Economy
15.208E	Industry Economics and Australian Industrial Policy
15.211E	Managerial Economics
15.241E	Economics of Developing Countries
15.201H	Management and Business Development
15.203H	Economic Change in Modern China 1700-1949
15.204H	Economic Transformation in the People's Republic of China
15.208H	British Imperialism in the 19th and 20th Centuries
15.244H	Economic Thought from Marx to Keynes
15.303H	Transformation of the Japanese Economy

**Table 17**

<b>Year 1</b>		<b>Hours per week*</b>
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A <sub>1</sub> or	3½
15.101M	Quantitative Methods A (Advanced) Option 1 (General Education A or B)	3½
<b>Session 2</b>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B <sub>1</sub> Option 2 (General Education B or A)	3½
<b>Year 2</b>		
<b>Session 1</b>		
28.012	Marketing Systems	4
28.032	Consumer Behaviour A Option 3 Option 4	4
<b>Session 2</b>		
28.042	Consumer Behaviour B	4
28.052	Marketing Research Option 5 Option 6	4
<b>Year 3</b>		
<b>Session 1</b>		
28.022	Marketing Models	4
28.073	Strategic Marketing Option 7	4
<b>Session 2</b>		
28.083	Managerial Marketing	4
28.093	Marketing Information Management	4
28.143	Marketing Research (Hons) Option 8	2
<b>Year 4</b>		
<b>Session 1</b>		
28.209	Buyer Behaviour	4
28.203	Seminar in Marketing Theory 1	4
<b>Session 2</b>		
28.204	Thesis	
28.205	Methods of Marketing Research	4

\*Laboratory sessions as required are additional to the prescribed hours.

†The Head of the School of Marketing may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

**3491**

**Marketing and Hospitality Management —  
Pass — Full-time Course**

**Bachelor of Commerce  
BCom**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level in Marketing and Hospitality Management, a candidate shall pass the subjects as set out in Table 18 below, with the requirements that:

(i) Two options must be chosen from:

14.522	Accounting and Financial Management 2A
14.583	Accounting and Financial Management 3B
15.101H	Australia in the International Economy in the 20th Century
15.201H	Management and Business Development
15.206M	Business Econometrics and Forecasting
19.602	Computer Informations Systems 1
19.606	Management Information Systems Design
27.713	Marketing Geography
30.511	Industrial Relations 1A
30.525	Industrial Relations 2A
98.613	Business Finance 2A
99.774	Legal Environment of Commerce
99.776	Legal Regulation of Commerce

(ii) At least one option must chosen from

28.001	Managing New Service Products
28.002	Resort Management
28.003	Communication Strategy in the Hospitality Industry

**Table 18**

<b>Year 1</b>		<b>Hours per week</b>
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced)	3½
<b>Session 2</b>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B	3½

**Year 2**

<b>Session 1</b>		
28.012	Marketing Systems	4
28.032	Consumer Behaviour A	4
28.004	Economics of Tourism	4

		Hours per week			
<i>Session 2</i>			15.101M	Quantitative Methods A (Advanced) Option 1	3½
28.042	Consumer Behaviour B	4	<i>Session 2</i>		
28.052	Marketing Research	4			
28.011	Human Resource Management	4	14.511	Accounting and Financial Management 1B	4½
<b>Year 3</b>			15.102E	Macroeconomics 1	3½
<i>Session 1</i>			15.103M	Quantitative Methods B Option 2	3½
28.073	Strategic Marketing	4			
28.009	Financial Management and Operational Control		<b>Year 2</b>		
	in the Hospitality Industry	4	<i>Session 1</i>		
	Option 1 (General Education A or B)				
<i>Session 2</i>			15.201E	Microeconomics 2	4
28.083	Managerial Marketing	4	15.203M	Quantitative Economic Techniques A	3
28.010	Legal Aspects of Tourism	4	15.201M	Linear Economics Option 3	3
	Option 2 (General Education B or A)				
<b>Year 4</b>			<i>Session 2</i>		
<i>Session 1</i>					
28.022	Marketing Models	4	15.202E	Macroeconomics 2	4
28.013	Hospitality Management 1 Option 3	4	15.204M	Quantitative Economic Techniques B	3
<i>Session 2</i>			15.202M	Economic Optimization and Dynamics Option 4	3
28.014	Hospitality Management 2 Option 4 Option 5	4			

**Note:** During the first four sessions, candidates will undertake concurrent studies in Hospitality Management in the TAFE Sector.

## Bachelor of Economics BEC

### 3561 Econometrics — Pass — Full-time Course† Bachelor of Economics BEC

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level in Econometrics a candidate shall pass the subjects as set out in Table 19 below, with the requirement that two subjects (Options 3 and 4) must be chosen from list D at the end of this section.

**Table 19**

		Hours per week
<i>Year 1</i>		
<i>Session 1</i>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½

### Year 3

<i>Session 1</i>		
15.301E	Microeconomics 3	4
15.303M	Econometrics A	3
15.301M	Mathematical Economics A	3

### Session 2

15.302E	Macroeconomics 3	4
15.304M	Econometrics B	3
15.302M	Mathematical Economics B	3

†At the time of printing, the Bachelor of Economics Honours programs are not finalised. Interested students should consult the Faculty Office.

### 3591 Economic History — Pass — Full-time Course† Bachelor of Economics BEC

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level in Economic History a candidate shall pass the subjects as set out in Table 20 below, with the requirements that:

- Two subjects (Options 6 and 7) must be chosen from one of the combinations in List A at the end of this section;
- One subject must be chosen from List B;
- Three subjects must be chosen from List C.

**Table 20**

<b>Year 1</b>		<b>Hours per week</b>
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½
<b>Session 2</b>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B Option 2	3½

**Year 2**

<b>Session 1</b>		
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A	3
15.212H	The Industrial Revolution Option 3	3
<b>Session 2</b>		
15.202E	Macroeconomics 2	4
15.204M	Quantitative Economic Techniques B or	3
15.213H	Australian Economic Development in the 20th Century Option 4	3
	Option 5	

**Year 3**

<b>Session 1</b>		
15.301E	Microeconomics 3	4
15.301H	The History of Economic Analysis Option 6	3
<b>Session 2</b>		
15.302E	Macroeconomics 3 Option 7	4
	Option 8	

†At the time of printing, Bachelor of Economics honours programs are not finalised. Interested students should consult the Faculty Office.

**3531  
Economics — Pass — Full-time Course†**

**Bachelor of Economics  
BEc**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level in Economics a candidate shall pass the subjects as set out in Table 21 below, with the requirements that:

- (i) Two subjects (Options 7 and 9) must be chosen from one of the combinations in List A at the end of this section;
- (ii) Other subjects to be chosen must include:
  - (a) up to four subjects from List B and List C to meet the requirement for a disciplinary minor in Economic History or Economics; and the remaining subjects from List A and List B; or
  - (b) six subjects from the same discipline outside the School of Economics, or
  - (c) four subjects from the same discipline outside the School of Economics to meet the requirement for a disciplinary minor; 15.212H The Industrial Revolution (Option 3); and one subject from List A or List B; or
  - (d) up to three subjects from the same discipline outside the School of Economics to meet the requirement for a disciplinary minor; 15.212H The Industrial Revolution (Option 3); 15.301H The History of Economic Analysis (Option 7); and the remaining subjects from List A and List B.

**Table 21**

<b>Year 1</b>		<b>Hours per week</b>
<b>Session 1</b>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½
<b>Session 2</b>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B Option 2	3½
<b>Year 2</b>		
<b>Session 1</b>		
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A Option 3	3
	Option 4	
<b>Session 2</b>		
15.202E	Macroeconomics 2	4
15.204M	Quantitative Economic Techniques B or	3
15.213H	Australian Economic Development in the 20th Century Option 5	3
	Option 6	
<b>Year 3</b>		
<b>Session 1</b>		
15.301E	Microeconomics 3 Option 7	4
	Option 8	
<b>Session 2</b>		
15.302E	Macroeconomics 3 Option 9	4
	Option 10	

†At the time of printing, the Bachelor of Economics honours programs are not finalised. Interested students should consult the Faculty Office.



**3532****Economics and Asian Studies — Pass — Full-time Course†****Bachelor of Economics  
BEC**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level in Economics and Asian Studies a candidate shall pass the subjects as set out in Table 22 below, with the requirement that subjects to be chosen must comprise:

(i) Enough language units to enable the student to reach a standard in one Asian language at least equivalent to that required to pass Japanese B. (If a student has HSC competence in the language, this will require two Options, if not it will require four Options.)

(ii) Six units (including language units) which relate to a particular country or group of countries. One of these six units may be either Japanese Economic History or Chinese Economic History but the other five will have to be chosen as Options.

**Table 22**

<b>Year 1</b>		<b>Hours per week</b>
<i>Session 1</i>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½
<i>Session 2</i>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B Option 2	3½
<b>Year 2</b>		
<i>Session 1</i>		
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A	3
15.205H	Modern Asian Economic History Option 3	3
<i>Session 2</i>		
15.202E	Macroeconomics 2	4
15.204M	Quantitative Economic Techniques B or	3
15.213H	Australian Economic Development in the 20th Century	3
15.303H	Transformation of Japanese Economy or	3
15.204H	Economic Transformation in the People's Republic of China Option 4	3

**Year 3***Session 1*

15.301E	Microeconomics 3	4
15.309E	Economic Growth and Development A* Option 5	3½
	Option 6	

*Session 2*

15.302E	Macroeconomics 3	4
15.310E	Economic Growth and Development B* Option 7	3½
	Option 8	

†At the time of printing, the Bachelor of Economics honours programs are not finalised. Interested students should consult the Faculty Office.

\*With the permission of the Head of School of Economics another combination of subjects from List A may be substituted.

**3547****Economics and Finance — Pass — Full-time Course†****Bachelor of Economics  
BEC**

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level in Economics and Finance a candidate shall pass the subjects as set out in Table 23 below, with the requirements that:

(i) Two subjects (Options 4 and 6) must be chosen from one of the combinations in List A at the end of this section;

(ii) Two subjects (Options 5 and 7) must be chosen from List E.

**Table 23**

<b>Year 1</b>		<b>Hours per week</b>
<i>Session 1</i>		
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced) Option 1	3½
<i>Session 2</i>		
14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B Option 2	3½
<b>Year 2</b>		
<i>Session 1</i>		
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A	3
98.613	Business Finance 2A Option 3	3
<i>Session 2</i>		
15.202E	Macroeconomics 2	4
15.204M	Quantitative Economic Techniques B	3
98.614	Business Finance 2B	3
98.864	Australian Capital Markets	3

## Year 3

### Session 1

		Hours per week
15.301E	Microeconomics 3	4
98.615	Business Finance 3	3
	Option 4	
	Option 5	

### Session 2

15.302E	Macroeconomics 3	4
98.882	International Business Finance	3
	Option 6	
	Option 7	

†At the time of printing, the Bachelor of Economics honours programs are not finalised. Interested students should consult the Faculty Office.

## 3557

### Economics and Industrial Relations — Pass — Full-time Course†

#### Bachelor of Economics BEC

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at Pass level in Economics and Industrial Relations a candidate shall pass the subjects as set out in Table 24 below, with the requirement that three subjects must be chosen from List F.

**Table 24**

## Year 1

### Session 1

		Hours per week
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced)	3½
	Option 1	

### Session 2

14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B	3½
30.511	Industrial Relations 1A	3½

## Year 2

### Session 1

15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A	3
30.525	Industrial Relations 2A	3½
	Option 2	

### Session 2

15.202E	Macroeconomics 2	4
15.204M	Quantitative Economic Techniques B or	3
15.213H	Australian Economic Development in the 20th Century	3
30.526	Industrial Relations 2B	3½
	Option 3	

## Year 3

### Session 1

15.301E	Microeconomics 3	4
15.307E	Labour Economics A	3½
30.534	Industrial Relations 3A	3½
	Option 4	

### Session 2

15.302E	Macroeconomics 3	4
15.308E	Labour Economics B	3½
30.535	Industrial Relations 3B	3½
	Option 5	

†At the time of printing, the Bachelor of Economics honours programs are not finalised. Interested students should consult the Faculty Office.

## 3551

### Industrial Relations — Pass — Full-time Course†

#### Bachelor of Economics BEC

This is a new course offered in 1989 for the first time.

To complete the requirements for the award of the degree at the Pass level in Industrial Relations a candidate shall pass the subjects as set out in Table 25 below, with the requirements that:

- Option 3 must be chosen from List F;
- Students must complete 2 General Education subjects, the second of which may be taken in Year 1 or Year 2;
- Students must satisfy the BEC "minor" requirements as set out in Rule 2.

**Table 25**

## Year 1

### Session 1

		Hours per week
14.501	Accounting and Financial Management 1A	4½
15.101E	Microeconomics 1	3½
15.102M	Quantitative Methods A or	3½
15.101M	Quantitative Methods A (Advanced)	3½
	Option 1 (General Education)	

### Session 2

14.511	Accounting and Financial Management 1B	4½
15.102E	Macroeconomics 1	3½
15.103M	Quantitative Methods B	3½
30.511	Industrial Relations 1A or	3½
	Option 2 (General Education)	

**Year 2****Session 1**

		<b>Hours per week</b>
15.201E	Microeconomics 2	4
15.203M	Quantitative Economic Techniques A	3
30.525	Industrial Relations 2A	3½
30.511	Industrial Relations 1A or Option 2 (General Education)	3½

**Session 2**

15.202E	Macroeconomics 2	4
15.204M	Quantitative Economic Techniques B or	3
15.213H	Australian Economic Development in the 20th Century	3
30.526	Industrial Relations 2B Option 3	3½

**Year 3****Session 1**

15.301E	Microeconomics 3	4
15.307E	Labour Economics A	3½
30.534	Industrial Relations 3A	3½

**Session 2**

15.302E	Macroeconomics 3	4
15.308E	Labour Economics B	3½
30.535	Industrial Relations 3B	3½

†At the time of printing, the Bachelor of Economics honours programs are not finalised. Interested students should consult the Faculty Office.

**List A**

A combination of units in this list consists of one unit from List A1 and one unit from List A2.

**A1**

15.303E	Monetary Economics A
15.305E	Public Economics A
15.307E	Labour Economics A
15.309E	Economic Growth and Development A
15.301M	Mathematical Economics A
15.303M	Econometrics A

**A2**

15.304E	Monetary Economics B
15.306E	Public Economics B
15.508E	Labour Economics B
15.310E	Economic Growth and Development B
15.302M	Mathematical Economics B
15.304M	Econometrics B

**List B**

15.205E	Marxian Political Economy
15.206E	Post-Keynesian Political Economy
15.207E	Natural and Environmental Resources Economics
15.208E	Industry Economics and Australian Industrial Policy
15.210E	Regional and Urban Economics
15.311E	Contemporary Japanese Economy

15.312E	The Newly Industrializing Economies of East Asia
15.313E	Economic Development in ASEAN Countries
15.314E	Economic Methodology
15.212H	The Industrial Revolution
15.213H	Australian Economic Development in the 20th Century
15.201M	Linear Economics
15.202M	Economic Optimization and Dynamics
15.204M	Quantitative Economic Techniques B

**List C**

15.205H	Modern Asian Economic History
15.301H	The History of Economic Analysis
15.302H	Classics of Economic Thought
15.303H	Transformation of the Japanese Economy
15.306H	Comparative Economic Systems in Historical Perspective
15.307H	Multinationals: Theory and History

**List D**

15.205M	Introduction to Operations Research
15.206M	Business Econometrics and Forecasting
15.208M	Operations Research in Economics
15.209M	Applied Economic Statistics

**List E**

98.630	Bank Financial Management
98.631	Risk and Insurance
98.632	Regulation in Capital Market
98.633	Real Estate Finance and Investment
98.634	Lending and Liquidity Management
98.635	Options, Futures and Risk Management Techniques

**List F**

30.547	Comparative Industrial Relations: Less Developed Countries
30.556	Labour Market Strategies and Policies
30.566	Industrial Conflict
30.567	Social Aspects of Work and Unionism
30.571	Industrial Relations Theory
30.572	Industrial Democracy
30.574	Industrial Relations Methods
30.576	Labour History
30.589	Industrial Law

---

## Undergraduate Thesis\*

---

Students enrolled for a degree at Honours level in the Schools of the Faculty must 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 Honours degree should not exceed 10,000 words.

For the Honours courses the topic selected must normally be submitted for approval no later than the end of the second session in the second last year of the course.

The thesis for any course leading to the award of a degree at Honours level must be presented not later than 30 November 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 Jate L. Turabian, *A Manual for Writers of Term Papers, Theses and Dissertations*, Phoenix Books, University of Chicago Press, 1955, and W. R. Parker, *The MLA Style Sheet*, Modern Language Association, NY, latest edition. 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 paper size A4 with a 30 mm 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.

\*Before choosing a thesis topic, students in Economics should seek from their department an information sheet outlining requirements for the undergraduate thesis. The School of Economics also supplies the form headed *Undergraduate Thesis: Application of Approval of Topic*. Two copies of this form should be completed by the student and signed by a member of staff to show that the proposed topic is recommended for consideration. They should then be lodged at the School office.

**Undergraduate Study**

## **Combined Commerce/ Law Course and Commerce/Science Course**

---

### **Combined Courses leading to award of Degrees of Bachelor of Commerce/ Bachelor of Laws**

---

The University offers a combined course leading to the award of the degrees of BCom and LLB. The Bachelor of Commerce degree course may be taken at either Pass or Honours level, the combined course taking five or six years respectively. Students wishing to take the Bachelor of Commerce degree at Honours level 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 Accounting, Finance, Economics, Industrial Relations, Information Systems or Marketing.

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 advisers or undertake specialized professional practice. In the public sector also the increasing scale and complexity of government 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.

In the financial markets, there is considerable demand for graduates with training in finance and law. The complexity of securities, takeover and company legislation has necessitated the employment of such graduates in merchant banks, trading banks, brokerage houses and regulatory bodies.

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 course of Bachelor of Commerce (Industrial Relations) and Bachelor of Laws is therefore recommended for people who hope to practise law in the industrial jurisdiction.

Recent developments in Federal and State legislation, in the field of trade practices and consumerism in particular, have created an urgent need for managers and administrators skilled in both law and marketing. The combined Marketing/Law course seeks to meet this need by combining a detailed study of marketing systems in general, and marketing management in particular with the study of law. Graduates will find opportunities in both private and public sectors of the economy.

#### **Rule 30**

##### **Rules Relating to the Bachelor of Commerce/Bachelor of Laws Course**

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

Candidates for the combined Commerce/Law degree course may be awarded the degree of BCom either when they have successfully completed the entire combined course or when they have completed the requirements for the award of the BCom degree. In deciding when students who have not completed the requirements set out in one of Tables 16-23 have nevertheless completed the requirements for the BCom, the following concessions will apply:

1. For students enrolled in the BCom (Accounting)/LLB course, course codes 4730 and 4731:

(1) Students who have passed 90.112 Legal System — Torts will be exempted from two **Rule 7** options.

(2) Students who have passed 90.141 Contracts and 90.161 Criminal Law will be exempted from 15.101H Australia in the International Economy in the 20th Century, 99.774 Legal Environment of Commerce and two **Rule 11** options.

(3) Students who have passed 90.401 and 90.402 Business Associations 1 and 2 will be exempted from one **Rule 13** option if enrolled for the Pass course, or a corresponding subject specified in **Rule 14** if enrolled for the Honours course.

(4) Students who have passed any other elective in the field of business law will be exempted from one **Rule 13** option if enrolled for the Pass course, or a corresponding subject specified in **Rule 14** if enrolled for the Honours course.

The subjects listed below will be regarded as 'Business Law' for the purpose of **Rule 13**.

90.303	Trusts
90.305	Succession
* 90.401 and *90.402	Business Associations 1 and 2
90.403	The Modern Corporation
90.424	Industrial and Intellectual Property
90.426	Regulation of Economic Activity
90.434	Trade Practices
90.435	Insurance Law
* 90.437 and *90.438	Commercial Law A and B
90.439	Consumer Protection Law
* 90.444	Elements of Income Tax Law
and	
* 90.445	Advanced Revenue Law
90.454	International Trade

\*It will be noted that subjects marked with an asterisk must both be taken in order to count as one option.

2. For students enrolled in the BCom (Finance)/LLB course, course code 4735:

(1) Students who have passed 90.112 Legal System — Torts will be exempted from two **Rule 7** options.

(2) Students who have passed 90.141 Contracts and 90.161 Criminal Law will be exempted from 15.101H Australia in the International Economy in the 20th Century and 99.774 Legal Environment of Commerce.

**NOTE:** Students wishing to take out the Bachelor of Commerce degree before completing the combined course must also complete two of the following 3 subjects:

- 98.630 Bank Financial Management
- 98.631 Risk and Insurance
- 98.632 Regulation in Capital Markets

3. For students enrolled in the BCom (Economics)/LLB course, course code 4740:

(1) Students who have passed 90.112 Legal System — Torts will be exempted from two **Rule 7** options.

(2) Students who have passed 90.141 Contracts and 90.161 Criminal Law will be exempted from 15.101H Australia in the International Economy in the 20th Century and 15.246H Management Strategy and Business Development and two **Rule 11** options.

(3) For the purpose of **Rule 17** for students enrolled in the Pass course or **Rule 18** for students enrolled in the Honours Course, students may count no more than two of the following subjects as options, subject to the proviso that 90.401 Business Associations 1 and 90.402 Business Associations 2 must both be taken in order to count as one option, and further that any two of the subjects marked with an asterisk must be taken in order to count as one option:

- \* 90.401 Business Associations 1
- \* 90.402 Business Associations 2
- 90.426 Regulation of Economic Activity
- 90.434 Trade Practices
- 90.439 Consumer Protection Law
- 90.444 Elements of Income Tax Law
- 90.501 Trade Unions and the Law
- \* 90.820 Economic Analysis of Law
- \* 90.403 The Modern Corporation
- \* 90.454 International Trade

4. For students enrolled in the BCom (Industrial Relations)/LLB course, course code 4750:

(1) As for 3. (1) above.

(2) Students who have passed 90.141 Contracts and 90.161 Criminal Law will be exempted from 15.101H Australia in the International Economy in the 20th Century, one **Rule 11** option, and one **Rule 22** option.

(3) 90.501 Trade Unions and the Law, 90.551 Settlement of Industrial Disputes and 90.500 Law of Employment may be counted as **Rule 22** options if enrolled for the Pass course, or **Rule 23** options if enrolled for the Honours course.

5. For students enrolled in the BCom (Marketing)/LLB course, course code 4710:

(1) Students who have passed 90.112 Legal System — Torts will be exempted from two **Rule 7** options.

(2) Students who have passed 90.141 Contracts and 90.161 Criminal Law will be exempted from 15.101H Australia in the International Economy in the Twentieth Century and 99.774 Legal Environment of Commerce.

(3) Students who have passed any two electives from the list below will be exempted from two **Rule 24** options. The electives are as follows:

- 90.223 Communications Law
- 90.401 Business Associations 1
- 90.426 Regulation of Economic Activity
- 90.434 Trade Practices
- 90.437 Commercial Law A
- 90.438 Commercial Law B
- 90.454 International Trade

**NOTE:** Students wishing to take out the Bachelor of Commerce degree before completing the combined course must also complete the subject 28.022 Marketing Models. Students who have completed 28.022 as a compulsory subject prior to 1982 should consult the School of Marketing.

6. For details applying for the courses being introduced for the first time in 1989 (course codes 4732 and 4736), please consult with the Faculty of Commerce and Economics Office.

Candidates who discontinue the combined course before its completion may apply to the Faculty of Commerce and Economics and be credited with such subjects as the relevant School deems appropriate.

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

Candidates for Honours in the Commerce degree course must complete one year additional to the minimum of five years required for the Commerce/Law course at Pass level.

Notwithstanding the above regulations, students undertaking the Combined Bachelor of Commerce at Honours level/Bachelor of Laws course may be awarded the degree of Bachelor of Commerce at Honours level once they have completed the Honours year and the requirements of the first three years of the Bachelor of Commerce at Honours Level/Bachelor of Laws course.

### Rule 31

#### Combined Courses in Bachelor of Commerce (Accounting, Finance, Economics, Industrial Relations, Information Systems, Marketing)/ Bachelor of Laws

Degree requirements are set out in tabular form as follows:

Table 26, Bachelor of Commerce (Accounting)/Bachelor of Laws. (This course is available only to students who enrolled prior to 1989.)

Table 27, Bachelor of Commerce (Finance)/Bachelor of Laws.

Table 28, Bachelor of Commerce (Economics)/Bachelor of Laws.

Table 29, Bachelor of Commerce (Industrial Relations)/Bachelor of Laws.

Table 30, Bachelor of Commerce (Marketing)/Bachelor of Laws.

Table 31, Bachelor of Commerce (Accounting)/Bachelor of Laws. (This is a new course offered in 1989 for the first time.)

Table 32, Bachelor of Commerce (Information Systems)/Bachelor of Laws. (This is a new course offered in 1989 for the first time.)

### 4731 Bachelor of Commerce (Accounting, Finance and Systems)/Bachelor of Laws

#### BCom/LLB

As for course 4731. Available only to students who enrolled prior to 1986.

### 4731

#### Bachelor of Commerce (Accounting)/Bachelor of Laws

#### BCom/LLB

This course is available only to students who enrolled prior to 1989.

#### Table 26

		Hours per week*	
Year 2		S1	S2
14.522	Accounting and Financial Management 2A	4½	
14.542	Accounting and Financial Management 2B		4½
19.602	Computer Information Systems 1	3	
98.613	Business Finance 2A	3	
90.141	Contracts	4	4
90.161	Criminal Law	4	4

#### Year 3

14.563	Accounting and Financial Management 3A	4½	
14.583	Accounting and Financial Management 3B		4½
15.201E	Microeconomics 2 or	4	
15.203E	Applied Microeconomics or	3½	or 3½
15.211E	Managerial Economics	3½	
15.202E	Macroeconomics 2 or		4
15.204E	Applied Macroeconomics	3½	or 3½
90.216	Administrative Law	4	or 4
90.621	Law, Lawyers and Society	4	or 4
90.301	Property and Equity	4	4

**Note:** Students who wish to take the BCom degree at Honours level must take 14.573 3A (Honours) and 14.593 3B (Honours) in lieu of the corresponding Pass subjects, and unless they have the permission of the Head of School they must interpolate an Honours year in Accounting between Years 3 and 4 of the above program.

#### Year 4

90.882	Law and Social Theory or		
90.832	Legal Theory	4	or 4
90.215	Federal Constitutional Law	4	or 4
90.101	Litigation	4	4
90.742	Legal Research and Writing 2	1	or 1
90.743	Research Component†		

Law electives to the value of 12 credit points.‡

#### Year 5

Law electives to the value of 24 credit points.‡

\*Laboratory sessions as required are additional to the prescribed hours.

†Taken after or concurrently with 90.742 Legal Research and Writing 2.

‡The electives must include 90.401 Business Associations 1 and 90.402 Business Associations 2 and two other electives are to be selected in the field of business law, unless approval is received to the contrary, which will be given in exceptional circumstances only.

**4735  
Bachelor of Commerce (Finance)/Bachelor of  
Laws**

**BCom/LLB**

**Table 27**

Year 1		Hours per week*	
		S1	S2
14.501	Accounting and Financial Management 1A	4½	
15.101E	Microeconomics 1	3½	
15.102M	Quantitative Methods A or	3½	
15.101M	Quantitative Methods A** (Advanced)	3½	
90.112	Legal System — Torts	4	4
90.741	Legal Research and Writing 1	2	2
14.511	Accounting and Financial Management 1B		4½
15.102E	Macroeconomics 1		3½
15.103M	Quantitative Methods B		3½

\*The Head of the School of Banking and Finance may permit suitably qualified students to substitute 10.001 Mathematics 1 or 10.011 Higher Mathematics 1 for Quantitative Methods A and B.

**Year 2**

19.602	Computer Information Systems 1	3	
98.613	Business Finance 2A	3	
15.201E	Microeconomics 2	4	
90.141	Contracts	4	4
14.542	Accounting and Financial Management 2B		4½
98.614	Business Finance 2B		3
98.864	Australian Capital Markets		3

**Year 3**

14.522	Accounting and Financial Management 2A	4½	
98.615	Business Finance 3	3	
90.161	Criminal Law	4	4
90.301	Property and Equity	4	4
98.882	International Business Finance		3
15.202E	Macroeconomics 2		4

**Note:** In later years, students must take compulsory law subjects 90.216, 90.621, 90.215, 90.101, 90.742, 90.882 or 90.832 and elective law subjects to complete LLB requirements including:

90.303	Trusts
90.401	Business Associations 1
90.402	Business Associations 2
90.437	Commercial Law A
90.438	Commercial Law B

This may take up to 2½ years.

**Note:** Students who wish to take the BCom degree at Honours level must take 98.624 2B(Honours) and 98.625 3(Honours) in lieu of the corresponding pass subjects.

\*Laboratory sessions as required are additional to the prescribed hours.

**4740  
Bachelor of Commerce (Economics)/Bachelor  
of Laws**

**BCom/LLB**

**Table 28**

Year 1		Hours per week*	
		S1	S2
15.102M	Quantitative Methods A	3½	
15.103M	Quantitative Methods B		3½
14.501	Accounting and Financial Management 1A	4½	
14.511	Accounting and Financial Management 1B		4½
15.101E	Microeconomics 1	3½	
15.102E	Macroeconomics 1		3½
90.112	Legal System — Torts	4	4
90.741	Legal Research and Writing 1	2	2

\*Laboratory sessions as required are additional to the prescribed hours.

**Year 2**

15.201E	Microeconomics 2	4	
15.202E	Macroeconomics 2		4
15.203M	Quantitative Economic Techniques A	3	
Economics option to be chosen from the list in Rule 17			
90.141	Contracts	4	4
90.161	Criminal Law	4	4

**Year 3**

15.301E	Microeconomics 3	4	
15.204M	Quantitative Economic Techniques B†		3
15.302E	Macroeconomics 3		4
Economics option to be chosen from the list in Rule 17.			
90.216	Administrative Law	4	or 4
90.621	Law, Lawyers and Society	4	or 4
90.301	Property and Equity	4	4

**Note:** Students who wish to take the BCom degree at Honours level should take 15.221E in lieu of 15.201E and 15.222E in lieu of 15.202E in second year. They must take 15.204M in second session of second year. In third year, they must take 15.244E in lieu of 15.204M; 15.322E in lieu of 15.302E and 15.321E in lieu of 15.301E. In fourth year, they must take 15.421E and 15.422E in first session, and either 15.248E, 15.314E or 15.212E in second session. They must also enrol in 15.427E and submit a thesis on a topic approved by the Head of the Department of Economics, and enrol in 15.426E Thesis Seminar in both sessions.

†Students may, with the permission of the Head of the Department of Economics, substitute an option from the list in Rule 17 for Quantitative Economic Techniques B.



Year 4		Hpw	
		S1	S2
90.882	Law and Social Theory <i>or</i>		
90.832	Legal Theory	4	<i>or</i> 4
90.215	Federal Constitutional Law	4	<i>or</i> 4
90.101	Litigation	4	4
90.742	Legal Research and Writing 2	1	<i>or</i> 1
90.743	Research Component**		

Law electives to the value of 12 credit points.†

\*\*Taken after or concurrently with 90.742 Legal Research and Writing 2.

## Year 5

Law electives to the value of 24 credit points.

## 4750 Bachelor of Commerce (Industrial Relations)/Bachelor of Laws

### BCom/LLB

Table 29

Year 1		Hours per week*	
		S1	S2
15.102M	Quantitative Methods A	3½	
15.103M	Quantitative Methods B		3½
14.501	Accounting and Financial Management 1A	4½	
14.511	Accounting and Financial Management 1B		4½
15.101E	Microeconomics 1	3½	
15.102E	Macroeconomics 1		3½
90.112	Legal System — Torts	4	4
90.741	Legal Research and Writing 1	2	2

\*Laboratory sessions as required are additional to the prescribed hours.

Year 2		Hpw	
		S1	S2
30.511	Industrial Relations 1A	3½	
30.525	Industrial Relations 2A	3½	
30.526	Industrial Relations 2B		3½
	Option — a subject other than a law subject to be chosen from the list in Rule 22.		3
90.141	Contracts	4	4
90.161	Criminal Law	4	4

Year 3		Hpw	
		S1	S2
30.534	Industrial Relations 3A	3½	
15.204E	Applied Macroeconomics	3½	<i>or</i> 3½
30.535	Industrial Relations 3B		3½
30.555	Labour Market Economics	3	
90.216	Administrative Law	4	<i>or</i> 4
90.621	Law, Lawyers and Society	4	<i>or</i> 4
90.301	Property and Equity	4	4

Note: Students who wish to take the BCom degree at Honours level must take 30.528 (Honours), 30.529 (Honours), 30.538 (Honours) and 30.539 (Honours) in lieu of the corresponding pass subjects and must interpolate an Honours year between Years 3 and 4 of the above program, except that with the permission of the Head of School of Industrial Relations and Organizational Behaviour a student may take an Honours year at a later stage.

## Year 4

90.882	Law and Social Theory <i>or</i>		
90.832	Legal Theory	4	<i>or</i> 4
90.215	Federal Constitutional Law	4	<i>or</i> 4
90.101	Litigation	4	4
90.742	Legal Research and Writing 2	1	<i>or</i> 1
90.743	Research Component**		

Law electives to the value of 12 Credit points.

\*\*Taken after or concurrently with 90.742 Legal Research and Writing 2.

## Year 5

Law electives to the value of 24 credit points.

## 4710 Bachelor of Commerce (Marketing)/Bachelor of Laws

### BCom/LLB

Table 30

Year 1		Hours per week*	
		S1	S2
14.501	Accounting and Financial Management 1A	4½	
14.511	Accounting and Financial Management 1B		4½
15.101E	Microeconomics 1	3½	

		Hours per week*	
		S1	S2
15.102E	Macroeconomics 1		3½
15.102M	Quantitative Methods A†	3½	
15.103M	Quantitative Methods B†		3½
90.112	Legal System — Torts	4	4
90.741	Legal Research and Writing 1	2	2

\*Laboratory sessions as required are additional to the prescribed hours.

†The Head of The School of Marketing may permit students to substitute 15.401 Quantitative Methods A (Advanced) for 15.411 Quantitative Methods A, or suitably qualified students to substitute 10.001 or 10.011 for Quantitative Methods A and B.

### Year 2

28.012	Marketing Systems	4		
28.032	Consumer Behaviour A	4		
15.201E	Microeconomics 2 or	4		
15.203E	Applied Microeconomics or	3½	or	3½
15.211E	Managerial Economics	3½		
28.052	Marketing Research		4	
28.042	Consumer Behaviour B		4	
90.141	Contracts	4	4	
90.161	Criminal Law	4	4	

### Year 3

15.202E	Macroeconomics 2 or	4		
15.204E	Applied Macroeconomics	3½	or	3½
28.073	Strategic Marketing	4		
28.093	Marketing Information Management		4	
28.083	Managerial Marketing		4	
90.216	Administrative Law	4	or	4
90.621	Law, Lawyers and Society	4	or	4
90.301	Property and Equity	4	4	

Note: Students who wish to take the BCom degree at Honours level course must take 28.143 Marketing Research (Honours) as an additional Year 3 subject, and must interpolate an Honours year between Years 3 and 4 of the above program, except that with the permission of the Head of School, a student may enrol in an Honours year at a later stage.

### Year 4

90.882	Law and Social Theory or			
90.832	Legal Theory	4	or	4
90.215	Federal Constitutional Law	4	or	4
90.101	Litigation	4	4	
90.742	Legal Research and Writing 2	1	or	1
90.743	Research Component†			

Law electives to the value of 12 credit points.

†Taken after or concurrently with 90.742 Legal Research and Writing 2.

### Year 5

Law electives to the value of 24 credit points.

## 4732

### Bachelor of Commerce (Accounting)/Bachelor of Laws

#### BCom/LLB

This is a new course offered in 1989 for the first time.

#### Table 31

### Year 1

		Hours per week*	
		S1	S2
14.501	Accounting and Financial Management 1A		4½
14.511	Accounting and Financial Management 1B		4½
15.101E	Microeconomics 1	3½	
15.102E	Macroeconomics 1		3½
15.102M	Quantitative Methods A**	3½	
15.103M	Quantitative Methods B**		3½
90.112	Legal System — Torts	4	4
90.741	Legal Research and Writing 1	2	2

### Year 2

14.522	Accounting and Financial Management 2A		4½
14.542	Accounting and Financial Management 2B		4½
19.602	Computer Information Systems 1	3	
98.613	Business Finance 2A	3	
90.141	Contracts	4	4
90.161	Criminal Law	4	4

### Year 3

14.563	Accounting and Financial Management 3A		4½
14.583	Accounting and Financial Management 3B		4½
14.708	Auditing or	3 or	3
14.855	Design of Cost Management Systems or		3
14.856	Management Planning and Control		3
	Economics Option to be selected from second year subjects offered by the Departments of Economics, Economic History or Econometrics	3-4 or	3-4
90.216	Administrative Law	4 or	4
90.621	Law, Lawyers and Society	4 or	4
90.301	Property and Equity	4	4

Note: Students who wish to take the BCom degree at Honours level must take 14.573 Accounting and Financial Management 3A (Honours) and 14.593 Accounting and Financial Management 3B (Honours) in lieu of the corresponding Pass subjects, and unless they have the permission of the Head of School they must interpolate an Honours year in Accounting between Years 3 and 4 of the above program.

### Year 4

90.882	Law and Social Theory or		
90.832	Legal Theory	4 or	4

90.215	Federal Constitutional Law	4 or	4
90.101	Litigation	4	4
90.742	Legal Research and Writing 2	1 or	1
90.743	Research Component†		

Law electives to the value of 12 credit points‡

### Year 5

Law electives to the value of 24 credit points‡

\*Laboratory sessions as required are additional to the prescribed hours.

\*\*The Head of the School of Accounting may permit students to substitute 15.101M Quantitative Methods A (Advanced) for 15.102M Quantitative Methods A; or suitably qualified students to substitute 10.001 or 10.011 for Quantitative Methods A and B.

‡Taken after or concurrently with 90.742 Legal Research and Writing 2.

‡The electives must include 90.401 Business Associations 1 and 90.402 Business Associations 2 and two other electives are to be selected in the field of business law, unless approval is received to the contrary, which will be given in exceptional circumstances only.

## 4736 Bachelor of Commerce (Information Systems)/Bachelor of Laws

### BCom/LLB

This is a new course offered for the first time in 1989.

### Table 32

Year 1		Hours per week*	
		S1	S2
14.501	Accounting and Financial Management 1A	4½	
14.511	Accounting and Financial Management 1B		4½
15.101E	Microeconomics 1	3½	
15.102E	Macroeconomics 1		3½
15.102M	Quantitative Methods A**	3½	
15.103M	Quantitative Methods B**		3½
90.112	Legal System — Torts	4	4
90.741	Legal Research and Writing 1	2	2

### Year 2

19.602	Computer Information Systems 1	3	
19.603	Computer Information Systems 2		3
	Economics Option to be selected from second year subjects offered by the Departments of Economics, Economic History or Econometrics	3-4	3-4
14.522	Accounting and Financial Management 2A	4½	
	Option to be chosen from:		
	6.711 Computing 1A†		
	98.613 Business Finance 2A		
	19.773 Operations Research in Business		
90.141	Contracts	4	4
90.621	Law, Lawyers and Society	4	

### Year 3

19.605	Computer Systems Implementation	3	
19.607	Distributed Computer Systems		3
19.608	Database Systems	3	
19.611	Information Systems Development		
90.161	Criminal Law	4	4
90.301	Property and Equity	4	4
90.462	Information Law and Technology††		

**Note:** Students who wish to take the BCom degree course at Honours level must interpolate an Honours year between years 3 and 4 of the above program, except that with the permission of the Head of School, a student may enrol in an Honours year at a later stage.

### Year 4

90.216	Administrative Law	4	
90.882	Law and Social Theory or		
90.832	Legal Theory	4 or	4
90.215	Federal Constitutional Law		4
90.101	Litigation	4	4
90.742	Legal Research and Writing 2	1 or	1
90.743	Research Component‡		

Law electives to the value of 9 credit points.

### Year 5

Law electives to the value of 24 credit points.

\*Laboratory sessions as required are additional to the prescribed hours.

\*\*The Head of the School of Information Systems may permit students to substitute 15.101M Quantitative Methods A (Advanced) for 15.102M Quantitative Methods A; or suitably qualified students to substitute 10.001 or 10.011 for Quantitative Methods A and B.

†Students intending to take Honours in Information Systems must complete this subject.

‡Taken after or concurrently with 90.742 Legal Research and Writing 2.

††These subjects are taken concurrently as a composite subject.

## Combined Courses leading to award of Degrees of Bachelor of Commerce/Bachelor of Science

The University offers a combined course leading to the award of the degrees of Bachelor of Commerce (Finance)/Bachelor of Science (Mathematics). The Bachelor of Commerce degree course may be taken at either Pass or Honours level, the combined course taking five or six years respectively. Students wishing to take the Bachelor of Commerce degree at Honours level must consult the Head of the School in which they wish to study for Honours before enrolling in the second year of the course.

There are two major sources of employment for BCom/BSc graduates. First and foremost are the banks. Since de-regulation, the financial sector has seen the entry of some 100 (merchant) banks, and the sector has been exposed to new and sophisticated capital markets. These banks require numerate mathematics graduates who can design and critically analyse the complex mathematical models (for example, of leasing agreements and option pricing) needed to operate effectively in these markets.

Other sources of employment are the insurance and financial consulting companies. In order to respond effectively to foreshadowed changes in the superannuation and tax laws, companies are seeking and employing good mathematics graduates willing to be trained as actuaries.

For both sources, graduates with a combined mathematics/finance background would be ideal.

Entry to the program will be by quota with the admission requirements being not less than that for the degree with the highest requirements (currently the Commerce degree) and also with the HSC prerequisites for 10.001 Mathematics 1. Students may be admitted direct to the program in Year 1 or could apply for admission in Years 2 or 3. Any students in the program would also have the option of taking out the BCom degree at the end of three years (provided all program requirements have been met).

The program will take four and a half years of full-time study to complete. However, outstanding students could be granted special permission to complete the program in four years by taking higher than average loads from the second half of year 2 onwards. Another alternative is for four years of full-time study, with the remaining requirements being completed part-time.

The program is:

### 3995

#### **Bachelor of Commerce (Finance)/Bachelor of Science (Mathematics)**

##### **BCom/BSc**

This course is available only to students who enrolled prior to 1989.

#### **Rule 40 (for students who enrolled prior to 1989)**

To complete the requirements for the award of the BCom (Finance)/BSc (Maths) a candidate shall pass the subjects as set out in Table 33 below with the requirement that two options must be chosen from:

- 98.630 Bank Financial Management
- 98.631 Risk and Insurance
- 98.632 Regulation in Capital Markets

The remaining options undertaken must satisfy Rule 7 of the BCom degree requirement.

Some students would have the option to take Honours in either Finance or in Mathematics with the permission of the relevant Heads of Schools. An Honours program would normally require five and a half years. However, by taking an extra unit in both years 3 and 4, a student would also have the option of completing an Honours degree in five years.

**Table 33**

#### **Year 2**

##### *Session 1*

- 19.602 Computer Information Systems 1 (1 unit)
- 98.613 Business Finance 2A (1 unit)
- 15.201E Microeconomics 2 (1 unit)
- 10.311A Statistics 2 — Probability and Random Variables (1 unit)

##### *Session 2*

- 14.542 Accounting and Financial Management 2B (1 unit)
- 15.202E Macroeconomics 2 (1 unit)
- 98.614 Business Finance 2B (1 unit)
- 10.311B Statistics 2 — Basic Inference (1 unit)

#### **Year 3**

##### *Session 1*

- 14.522 Accounting and Financial Management 2A (1 unit)
- 98.615 Business Finance 3 (1 unit)
- 10.111A Pure Mathematics 2 — Linear Algebra (1 unit)
- Option 1 (1 unit)
- Option 2 (1 unit)

##### *Session 2*

- 98.882 International Business Finance (1 unit)
- 98.864 Australian Capital Markets (1 unit)
- 10.111A Pure Mathematics 2 — Linear Algebra (continued)
- Option 3 (1 unit)
- Option 4 (1 unit)

#### **Year 4**

- 10.1113 Pure Mathematics 2 — Multivariable Calculus (½ unit)
- 10.1115 Pure Mathematics 2 — Finite Mathematics A (½ unit)
- 10.2112 Applied Mathematics 2 — Mathematical Methods for Differential Equations (½ unit)
- 10.2113 Applied Mathematics 2 — Linear Programming (½ unit)
- 10.1523 Pure Mathematics 3 — Functional Analysis and Applications (½ unit)
- 10.212L Applied Mathematics 3 — Optimisation Methods (1 unit)
- 1 level 3 Statistics unit
- 1 other level 3 Mathematics unit
- 1 other level 2 or 3 Mathematics or Science unit from Tables 1 or 2 of the Sciences Handbook.

**Year 5***Session 1*

10.212M Applied Mathematics 3 — Optimal Control (1 unit)  
 1 other level 3 Mathematics unit  
 A project valued at 2 units

*Note on Higher Units:* For both Mathematics and Finance units, good students are encouraged to substitute higher level units for the corresponding ordinary level units listed in the program.

**3996****Bachelor of Commerce (Finance)/Bachelor of Science (Mathematics)****BCom/BSc**

This is a new course offered in 1989 for the first time.

**Rule 40 (a)**

To complete the requirements for the award of the BCom (Finance)/BSc (Maths) a candidate shall pass the subjects as set out in Table 34 below with the requirement that at least four options must be chosen from:

98.630	Bank Financial Management
98.631	Risk and Insurance
98.632	Regulation in Capital Markets
98.633	Real Estate Finance and Investment
98.634	Lending and Liquidity Management
98.635	Options, Futures and Risk Management Techniques

A further option shall be chosen from subjects offered by Schools within the Faculty of Commerce and Economics.

The remaining options undertaken must satisfy the General Education requirement.

**Table 34****Year 1***Session 1*

14.501	Accounting and Financial Management 1A (1 unit)
15.101E	Microeconomics 1 (1 unit)
10.001	Mathematics (2 units)
	Option 1 (1 unit)

*Session 2*

14.511	Accounting and Financial Management 1B (1 unit)
99.774	Legal Environment of Commerce (1 unit)
15.102E	Macroeconomics 1 (1 unit)
10.001	Mathematics 1 (continued)

*Note:* This is the standard Commerce Year 1 except that 10.001 Mathematics 1 is substituted for 15.102M Quantitative Methods A and 15.103M Quantitative Methods B.

**Year 2***Session 1*

98.613	Business Finance 2A (1 unit)
15.201E	Microeconomics 2 (1 unit)
10.311A	Statistics 2 — Probability and Random Variables (1 unit)
	Option 2 (1 unit)

*Session 2*

14.542	Accounting and Financial Management 2B (1 unit)
98.614	Business Finance 2B (1 unit)
10.311B	Statistics 2 — Basic Inference (1 unit)
98.864	Australian Capital Markets (1 unit)

**Year 3***Session 1*

98.615	Business Finance 3 (1 unit)
10.111A	Pure Mathematics 2 — Linear Algebra (1 unit)
	Option 3 (1 unit)
	Option 4 (1 unit)
	Option 5 (1 unit)

*Session 2*

98.882	International Business Finance (1 unit)
10.111A	Pure Mathematics 2 — Linear Algebra (continued)
	Option 6 (1 unit)
	Option 7 (1 unit)

**Year 4**

10.1113	Pure Mathematics 2 — Multivariable Calculus (½ unit)
10.1115	Pure Mathematics 2 — Finite Mathematics A (½ unit)
10.2112	Applied Mathematics 2 — Mathematical Methods for Differential Equations (½ unit)
10.2113	Applied Mathematics 2 — Linear Programming (½ unit)
10.2115	Applied Mathematics 2 — Discrete-Time Systems (½ unit)
10.212M	Applied Mathematics 3 — Optimal Control (1 unit)
	1 level 3 Statistics unit
	1 other level 3 Mathematics unit (10.122B is highly recommended)
	1½ other level 2 or 3 Mathematics or Science units from Tables 1 or 2 of the Sciences Handbook for program 6810.

**Year 5***Session 1*

10.212L	Applied Mathematics 3 — Optimisation Methods (1 unit)
	1 other level 3 Mathematics unit
	A project valued at 2 units.

*Note on Higher Units:* For both Mathematics and Finance units, good students are encouraged to substitute higher level units for the corresponding ordinary level units listed in the program.

**Undergraduate Study:**

# Subject Descriptions

## Identification of Subjects by Number

A subject is defined as 'a unit of instruction approved by the University as being a discrete part of the requirements for a course offered by the University'.

Each approved subject of the University is identifiable both by number and by name as this is a check against nomination of subject other than the one intended.

Subject numbers are allocated by the Academic Registrar and the system of allocation is based on the following guidelines:

1. The authority offering the subject, normally a School of the University, is indicated by the number before the decimal point.
2. Each subject number is unique and is not used for more than one subject title.
3. Subject numbers which have not been used for some time are not used for new subject titles.
4. Graduate subjects are indicated by a suffix 'G' to a number with three digits after the decimal point. In other subjects three or four digits are used after the decimal point.

Subjects taught are listed in full in the handbook of the faculty or board of studies responsible for the particular course within which the subjects are taken. Subject descriptions are contained in the appropriate section in the handbooks.

The **identifying numerical prefixes** for each subject authority are set out on the following page.

**Servicing Subjects** are those taught by a school or department outside its own faculty. Their subject descriptions are published in the handbook of the faculty which originates the subject and are also published in the handbook of the Faculty in which the subject is taught.

### HSC Exam Prerequisites

Details of subjects which require prerequisites for enrolment in terms of the HSC Examination are set out under the particular subject entries.

Candidates for enrolment who obtained the HSC in previous years or hold other high school matriculation should check with the appropriate school on what matriculation status is required for admission to a subject.

### Information Key

The following is the key to the information which may be supplied about each subject:

**S1** Session 1, **S2** Session 2

**F** Session 1 *plus* Session 2, ie full year

**S1 or S2** Session 1 or Session 2, ie choice of either session

**SS** single session, but which session taught is not known at time of publication

**CCH** class contact hours

**L** Lecture, followed by hours per week

**T** Laboratory/Tutorial, followed by hours per week

**hpw** hours per week

**C** Credit point value

**CR** Credit

**DN** Distinction

**HD** High Distinction

School, Department etc	Faculty	Page
*Subjects also offered for courses in this handbook		
1 School of Physics	Science	
2 School of Chemistry	Science	
3 School of Chemical Engineering and Industrial Chemistry (New Course)	Applied Science	
4 School of Materials Science and Engineering	Applied Science	
5 School of Mechanical and Industrial Engineering	Engineering	
6 School of Electrical Engineering and Computer Science*	Engineering	70
7 School of Mines (Mineral Processing and Extractive Metallurgy and Mining Engineering)	Applied Science	
8 School of Civil Engineering	Engineering	
9 School of Fibre Science and Technology (Wool and Animal Science)	Applied Science	
10 School of Mathematics*	Science	70
11 School of Architecture	Architecture	
12 School of Psychology*	Biological and Behavioural Sciences	72
13 School of Fibre Science and Technology (Textile Technology)	Applied Science	
14 School of Accounting	Commerce & Economics	72
15 School of Economics	Commerce & Economics	77
16 School of Health Administration	Professional Studies	
17 Faculty of Biological and Behavioural Sciences	Biological and Behavioural Sciences	
18 School of Mechanical and Industrial Engineering (Industrial Engineering)	Engineering	
19 School of Information Systems	Commerce & Economics	75
20 Centre for Petroleum Engineering Studies	Applied Science	
21 Department of Industrial Arts	Architecture	
25 School of Mines (Applied Geology)	Applied Science	
26 Centre for Liberal and General Studies	Liberal and General Studies	
27 School of Geography*	Applied Science	92
28 School of Marketing	Commerce & Economics	92
29 School of Surveying	Engineering	
30 School of Industrial Relations and Organizational Behaviour	Commerce & Economics	85
31 School of Optometry	Science	
32 Centre for Biomedical Engineering	Engineering	
34 Faculty of Arts	Arts	
35 School of Building	Architecture	
36 School of Town Planning	Architecture	
37 School of Landscape Architecture	Architecture	
38 School of Applied Bioscience (Food Science and Technology)	Applied Science	
39 Graduate School of the Built Environment	Architecture	

School, Department etc	Faculty	Page
*Subject also offered for courses in this handbook		
40 Academic Board		
41 School of Biochemistry	Biological and Behavioural Sciences	
42 School of Applied Bioscience (Biotechnology)	Applied Sciences	
44 School of Microbiology	Biological and Behavioural Sciences	
45 School of Biological Science	Biological and Behavioural Sciences	
46 Faculty of Applied Science	Applied Science	
47 Centre for Safety Science	Engineering	
48 School of Chemical Engineering and Industrial Chemistry* (old course)	Applied Science	
49 School of Applied Bioscience (Food Science and Technology)	Applied Science	
50 School of English	Arts	
51 School of History	Arts	
52 School of Philosophy	Arts	
53 School of Sociology	Arts	
54 School of Political Science	Arts	
55 School of Librarianship	Professional Studies	
56 School of French	Arts	
57 School of Theatre Studies	Arts	
58 School of Education	Professional Studies	
59 Department of Russian Studies	Arts	
60 Faculty of Arts	Arts	
61 Department of Music	Arts	
62 School of Science and Technology Studies	Arts	
63 School of Social Work	Professional Studies	
64 School of German Studies	Arts	
65 School of Spanish and Latin American Studies	Arts	
66 Subjects Available from Other Universities		
67 Faculty of Science	Science	
68 Board of Studies in Science and Mathematics	Board of Studies in Science and Mathematics	
70 School of Anatomy	Medicine	
71 School of Medicine	Medicine	
72 School of Pathology	Medicine	
73 School of Physiology and Pharmacology	Medicine	
74 School of Surgery	Medicine	
75 School of Obstetrics and Gynaecology	Medicine	
76 School of Paediatrics	Medicine	
77 School of Psychiatry	Medicine	
78 School of Medical Education	Medicine	
79 School of Community Medicine	Medicine	
80 Faculty of Medicine	Medicine	
81 Medicine/Science/ Biological Sciences	Medicine	
85 Australian Graduate School of Management	AGSM	
90 Faculty of Law*	Law	95
97 Faculty of Engineering	Engineering	
98 School of Banking and Finance	Commerce & Economics	74
99 Department of Legal Studies and Taxation	Commerce & Economics	77

## Electrical Engineering and Computer Science

### 6.711 Computing 1A

**S1 or S2 L3T3**

*Prerequisite:* As for 10.001. *Co-requisite:* 10.001. *Excluded:* 6.600, 6.611, 6.620, 6.021D.

Introduction to the basic concepts of computing: logic, hierarchies, abstraction, specification, refinement, implementation, algorithm, programming language, recursion, non-determinism. Fundamental structures: sets, relations, functions, sequences, bags, trees, graphs. Exposure to a functional programming language for practical experience with the conceptual material in the subject. Machines for interpreting functional programs.

### 6.621 Computing 2A

**S1 L3T2**

*Prerequisites:* 6.611, 10.001 or 10.011. *Excluded:* 6.620, 6.021D.

For those students who intend to take further subjects in computer science.

Expansion and development of material introduced in 6.611 Computing 1. Systematic program development: introduction to programming language semantics, reasoning about programs, program derivation, abstract programs, realization of abstract programs (conversion from abstract to concrete). Practice in programming in a high-level programming language. Data-structures: arrays, lists, sets, trees; recursive programming. Introduction to computer organization: a simple machine architecture. Introduction to operating systems.

### 6.712 Computing 1B

**S1 or S2 L3T3**

*Prerequisite:* 6.711. *Excluded:* 6.620, 6.621, 6.021D

Expansion of the functional approach to computing in 6.711. Introduction to procedural and logic programming styles. Data structure implementation. Control structures: recursion and iteration. The software development process. Program efficiency and complexity — time and space analysis. Practical experience in using a procedural language. The basic structure of a computer, the layered model of a computer, instruction execution, assembly language, computer building blocks, the function of the operating system.

## Mathematics

Mathematics I is appropriate for students with mathematical ability and interest. Students with a good 4 unit HSC Mathematics pass should attempt 10.011, whilst students with a 3 unit Grade 1 or 2 HSC Mathematics pass may attempt 10.001. In other circumstances, 15.102M and 15.103M Quantitative Methods may be a more suitable choice.

### 10.001 Mathematics 1

**F L4T2**

*Prerequisite:*

*HSC Exam  
Score Range  
Required  
67-100  
1-50  
1-100*

2 unit Mathematics\* or  
3 unit Mathematics or  
4 unit Mathematics  
or  
10.021B

*Excluded:* 10.011, 10.021B, 10.021C.

\*This refers to the 2 Unit Mathematics subject which is related to the 3 Unit Mathematics subject. It does not refer to the subject 2 Unit Mathematics (Mathematics in Society).

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

### 10.011 Higher Mathematics 1

**F L4T2**

Not offered in 1989.

*Prerequisite:*

*HSC Exam  
Score Range  
Required  
120-150  
1-100*

3 unit Mathematics  
or  
4 unit Mathematics

*Excluded:* 10.001, 10.021B, 10.021C.

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

Those students wishing to do second year Mathematics in the Commerce course should enrol in the units 10.111A, 10.1113, 10.1114 Pure Mathematics and 10.2111, 10.2112 Applied Mathematics. Suitably qualified students may attempt the corresponding higher units.

### 10.111A Pure Mathematics 2 — Linear Algebra

**F L1½T1**

*Prerequisite:* 10.001 or 10.011. *Excluded:* 10.121A.

Vector spaces, linear transformations and matrices, change of basis. Eigenvalues and eigenvectors, generalized eigenvectors. Functions of matrices. Linear systems of differential equations including the use of Laplace transform. Inner products, orthogonalization, projections. Unitary and self-adjoint transformations. Quadratic and Hermitian forms.

### 10.1113 Pure Mathematics 2 — Multivariable Calculus

**S1 or S2 L1½T1**

*Prerequisite:* 10.001 or 10.011. *Excluded:* 10.1213.

Multiple integrals, partial differentiation. Analysis of real valued functions of one and several variables.

### 10.1114 Pure Mathematics 2 — Complex Analysis

**S1 or S2 L1½T1**

*Prerequisite:* 10.001 or 10.011. *Excluded:* 10.1214.

Analytic functions, Taylor and Laurent series, integrals. Cauchy's theorem, residues, evaluation of certain real integrals.



**10.1115 Pure Mathematics 2 — Finite Mathematics A** **S1 L1½T½***Prerequisite:* 10.001.

Positional number systems, floating-point arithmetic, rational arithmetic, congruences. Euclid's algorithm, continued fractions, Chinese remainder theorem, Fermat's theorem, applications to computer arithmetic. Polynomial arithmetic, division algorithm, factorization, interpolation, finite field. Codes, error-correcting codes, public-key cryptography.

**10.121A Higher Pure Mathematics 2 — Algebra** **F L2T½***Prerequisite:* 10.011 or 10.001 (DN). *Excluded:* 10.111A, 10.1111.

Linear algebra: vector spaces, commutative rings, polynomials, modules, linear transformations, eigenvectors, invariant subspaces, canonical forms, linear functions, bilinear and multi-linear algebra. Group theory; subgroups, quotient groups, isomorphisms. Lagrange's theorem, Sylow's theorem.

**10.1213 Higher Pure Mathematics 2 — Multivariable Calculus** **S1 L2T½***Prerequisite:* 10.011 or 10.001 (DN). *Excluded:* 10.1113.

As for 10.1113 Pure Mathematics 2 — Multivariable Calculus but in greater depth.

**10.1214 Higher Pure Mathematics 2 — Complex Analysis** **S2 L2T½***Prerequisite:* 10.1213. *Excluded:* 10.1114.

As for 10.1114 Pure Mathematics 2 — Complex Analysis, but in greater depth.

**10.122B Higher Pure Mathematics 3 — Real Analysis and Functional Analysis** **F L1½T½***Prerequisites:* 10.121A or 10.111A (DN), 10.1213 or 10.1113 (DN). *Excluded:* 10.1128, 10.1523.

The limit processes of analysis; introduction to Lebesgue integration; introduction to metric spaces. Hilbert spaces; linear operators; Fourier series.

**10.1523 Pure Mathematics 3 — Functional Analysis and Applications** **S1 or S2 L1½T½***Prerequisites:* 10.111A, 10.2112. *Co-requisite:* 10.1128 (strongly recommended). *Excluded:* 10.122B.

Geometry of Hilbert spaces, approximation problems, linear operators, filters, spectral methods for differential equations.

**10.2111 Applied Mathematics 2 — Vector Calculus** **S1 or S2 L1½T½***Prerequisite:* 10.001. *Excluded:* 10.2211.

*Properties of vectors and vector fields;* divergence, gradient, curl of a vector; line, surface, and volume integrals. Gauss' and Stokes' theorems. Curvilinear co-ordinates.

**10.2112 Applied Mathematics 2 — Mathematical Methods for Differential Equations** **S1 or S2 L1½T½***Prerequisite:* 10.001. *Excluded:* 10.2212.

*Mathematical methods for ordinary and partial differential equations.* Series solutions, numerical methods, separation of variables. Fourier series. Bessel functions.

**10.2113 Applied Mathematics 2 — Linear Programming** **S1 or S2 L1½T½***Prerequisite:* 10.001. *Co-requisite:* 10.111A. *Excluded:* 10.2213.

Mathematical modelling and solution techniques for linear optimization problems. Feasible regions, graphical methods, the standard problem, basic solutions, fundamental theorem, simplex and revised simplex methods, duality and the dual simplex method, sensitivity analysis, the transportation problem.

**10.2115 Applied Mathematics 2 — Discrete-Time Systems** **S1 or S2 L1½T½***Prerequisite:* 10.001. *Co-requisite:* 10.111A. *Excluded:* 10.2215.

*The study of dynamical systems whose states change at discrete points in time.* Difference equations: existence and uniqueness of solutions, general solution of linear equations. Linear systems: dynamics, stability, and oscillations, z-transforms, state-space methods. Nonlinear systems: equilibrium points, limit cycles.

Applications selected from problems of importance in engineering, biological, social, management, and economic systems.

**10.212L Applied Mathematics 3 — Optimization Methods** **S1 L3T1***Prerequisite:* 10.111A, and 10.1113 or 10.2111. *Excluded:* 10.222L.

*Development, analysis and application of methods for optimization problems.* Theory of multivariable optimization; including necessary and sufficient optimality conditions, stationary points, Lagrange multipliers, Kuhn-Tucker conditions, convexity and duality. Numerical methods for one dimensional minimization, unconstrained multivariable minimization (including steepest descent, Newton, quasi-Newton and conjugate gradient methods) and constrained multi-variable minimization (including linear programming and quadratic programming).

**10.212M Applied Mathematics 3 — Optimal Control** **S2 L3T1***Prerequisites:* 10.1113 and 10.1114, 10.111A. *Excluded:* 10.222M.

*Introduction to control of time-varying systems.* Open and closed loop control systems. Mathematical description of dynamical systems. Transform methods for linear systems. Stability, feedback and control. State space, observability and controllability. Optimal control. Dynamic programming and the Bellman equation. The Pontryagin maximum principle. Calculus of variations.

Examples and applications are selected from physical, engineering, economics, resource and financial management, social and biological systems.

**10.2211 Higher Applied Mathematics 2 — Vector Analysis S1 L2T½**

*Prerequisite:* 10.011 or 10.001 (CR). *Excluded:* 10.2111.

As for 10.2111 but in greater depth.

**10.2212 Higher Applied Mathematics 2 — Mathematical Methods for Differential Equations S2 L2T½**

*Prerequisite:* 10.011 or 10.001 (CR). *Excluded:* 10.2112.

As for 10.2112 but in greater depth.

**10.311A Theory of Statistics 2 — Probability and Random Variables S1 L3T1**

*Prerequisite:* 10.001 or 10.011 or 10.021C (CR). *Excluded:* 10.321A, 10.301.

Probability, random variables, standard discrete and continuous distributions, multivariate distributions, transformations, random sampling, sampling distributions, limit theorems.

**10.311B Theory of Statistics 2 — Basic Inference S2 L3T1**

*Prerequisite:* 10.311A. *Excluded:* 10.321B, 10.301, 45.101.

Point estimation: general theory, estimation by moments, maximum likelihood, interval estimation with general theory and application, hypothesis testing using Neyman Pearson theory, linear regression and prediction, analysis of variance.

## Psychology

**12.651 Psychology (Industrial Relations)**

*Prerequisite:* Nil.

Not offered in 1989.

Problems and limitations affecting social research in industry. Critical review of American research from Hawthorne to Herzberg and of British research from Tavistock and Trist to Emery in Australia. Conflict and organic theories of organization and related theories of motivation and morale. The use of library resources. Practice in the skills and discipline required to obtain and evaluate empirical evidence in this field. Recent developments under the headings of 'participation' and democracy in industry.

## School of Accounting

**14.501 Accounting and Financial Management 1A S1 or S2 L2T½**

*Prerequisite:* Nil.

The basic concepts of financial model building and information systems, including the double-entry recording system, the

accounting cycle, income measurement and financial reporting, and an introduction to basic elements of auditing.

**14.511 Accounting and Financial Management 1B S1 or S2 L2T½**

*Prerequisite:* 14.501.

Development of basic concepts introduced in 14.501 Accounting and Financial Management 1A, including corporate reporting, business finance, system design, elementary computer applications.

**14.522 Accounting and Financial Management 2A S1 L2T½**

*Prerequisites:* 14.511 plus

HSC minimum  
mark required

2 unit Mathematics or		60
3 unit Mathematics	2 unit	60
	3 unit or	1
	3 unit	1
4 unit Mathematics	4 unit	1

The design, production and use of accounting and other quantitative information in the planning and control of organizations, with particular reference to manufacturing activities.

**14.542 Accounting and Financial Management 2B S2 L2T½**

*Prerequisite:* 14.511 plus HSC results as for 14.522.

Critical examination of concepts and problems in income measurement, asset valuation and financial reporting for various forms of business undertaking with particular reference to corporate organizations, including associated aspects of auditing and taxation and methods of accounting for changing prices.

**14.563 Accounting and Financial Management 3A S1 or S2 L2T½**

*Prerequisite:* 14.542.

Financial Accounting: Advanced aspects of financial accounting and reporting for business enterprises with particular reference to developments in accounting theory and practice and in professional standards, including the financial and accounting aspects of mergers, takeovers and group companies.

**14.573 Accounting and Financial Management 3A (Honours) S1 L76**

*Prerequisite:* 14.542.

Includes 14.563 Accounting and Financial Management 3A as well as additional and more advanced work in both accounting theory and in the financial management and accountability of corporate enterprises.

**14.583 Accounting and Financial Management 3B S1 or S2 L2T½**

*Prerequisite:* 14.522.

Management Accounting: advanced treatment of management accounting theory and applications including statistical cost analysis, budgetary and strategic planning and decision models.

**14.593 Accounting and Financial Management 3B (Honours)****S2 LT6***Prerequisite:* 14.522.

Includes 14.583 Accounting and Financial Management 3B, as well as more advanced work dealing with theoretical and research issues in management accounting.

**14.708 Auditing****S1 or S2 LT3***Prerequisite:* 14.511.

Advanced aspects of auditing, including auditing standards and responsibilities, problems of verification and reporting, organization and application to various forms of accounting systems including computer-based systems, appraisal of methods of internal control, and the applicability of particular audit techniques including statistical sampling.

**14.794 Honours Thesis****14.801 Advanced Studies in Financial Accounting 1 L3***Prerequisite:* Admission to BCom degree course at Honours level majoring in accounting.

As for 14.901G. See Graduate Study: Subject Descriptions.

**14.802 Advanced Studies in Financial Accounting 2 L3***Prerequisite:* Admission to BCom degree course at Honours level majoring in accounting.

As for 14.902G. See Graduate Study: Subject Descriptions.

**14.803 Regulation of Accounting****L3***Prerequisite:* Admission to BCom degree course at Honours level majoring in accounting.

As for 14.903G. See Graduate Study: Subject Descriptions.

**14.804 Development of Accounting Thought****L3***Prerequisite:* Admission to BCom degree course at Honours level majoring in accounting.

As for 14.904G. See Graduate Study: Subject Descriptions.

**14.805 EDP Auditing****L3***Prerequisites:* 14.708 (14.703 prior to 1986), 19.602 and 19.603 or with approval of the Heads of the Schools of Accounting and Information Systems.

As for 14.905G. See Graduate Study: Subject Descriptions.

**14.809 Current Developments in Auditing Research****L3***Prerequisite:* Admission to BCom degree course at Honours level majoring in Accounting.

As for 14.909G. See Graduate Study: Subject Descriptions.

**14.851 Current Developments in Accounting Research — Financial****L3***Prerequisite:* Admission to BCom degree course at Honours level.

As for 14.951G. See Graduate Study: Subject Descriptions.

**14.852 Current Developments in Accounting Research — Managerial****L3***Prerequisite:* Admission to BCom degree course at Honours level.

As for 14.952G. See Graduate Study: Subject Descriptions.

**14.853 Advanced Systems Management****L3***Prerequisite:* Admission to BCom degree course at Honours level.

As for 14.953G. See Graduate Study: Subject Descriptions.

**14.855 Design of Cost Management Systems****S2 L3***Prerequisite:* 14.522

Organizational and systems design in manufacturing organizations and in the service industries. Examination of how strategic cost management and management control systems can be used to increase the competitive effectiveness and efficiency of a business with particular emphasis on the interactive effects on performance of strategic cost management and management control systems, and market and technology competitive strategies. Analysis of case studies set in contemporary manufacturing and service settings.

**14.856 Management Planning and Control****L3***Prerequisite:* 14.522

As for 14.956G. See Graduate Study: Subject Descriptions.

**14.867 Special Topic In Accounting****L3***Prerequisite:* 14.897.

As for 14.967G. See Graduate Study: Subject Descriptions.

**14.897 Seminar in Research Methodology****L3***Prerequisite:* Admission to BCom degree course at Honours level.

As for 14.997G. See Graduate Study: Subject Descriptions.

**14.898 Project Seminar****Servicing Subjects**

These are subjects taught within courses offered by other faculties.

For further information regarding the following subjects see the Faculties of Architecture and Engineering Handbooks.

**14.001 Introduction to Accounting A****S1 L1½**

*Architecture:* 2 credit points compulsory for BBuild degree course students.

*Prerequisite:* Nil.

An introduction for non-commerce students to the nature, pur-

pose and conceptual foundation of accounting. Information systems including accounting applications. Analysis and use of accounting reports.

#### **14.002 Introduction to Accounting B S2 L1½**

*Architecture: 2 credit points; compulsory for BBuild degree course students.*

*Prerequisite: 14.001.*

An introduction for non-commerce students to managerial accounting. Long-range planning, budgeting and responsibility accounting; cost determination, cost control and relevant cost analyses.

## **School of Banking and Finance**

#### **98.613 Business Finance 2A S1 or S2 LT3**

*Prerequisite: 14.511, 15.102E and 15.103M.*

The essential aspects of financial decision-making in business including: factors influencing capital expenditure decisions; alternative approaches to valuation; factors affecting the formulation of the capital structure; influence of the capital market environment.

#### **98.614 Business Finance 2B S1 or S2 LT3**

*Prerequisite: 98.613.*

Financial decision making within the framework of capital market theory. Includes diversification, risk and return, determinants of risk, efficient market hypothesis with emphasis on Australian evidence, capitalization changes and performance measures, takeovers and mergers.

#### **98.615 Business Finance 3 S1 L3**

*Prerequisite: 98.614.*

Theory and analytical techniques relevant to investment analysis and management. Includes analysis and valuation of securities, properties of accounting numbers, portfolio theory and asset pricing models, capital asset returns and information, bond ratings and yields and financial distress predictions.

#### **98.624 Business Finance 2B (Honours) L3**

*Prerequisite: 98.613 at Credit level or better.*

The concepts, theory and evidence of the major components of finance theory including: portfolio theory, asset pricing theory, and the efficient market hypothesis. The subject also includes the development of elementary skills in matrix algebra, Lagrange multipliers and OLS regression.

#### **98.625 Business Finance 3 (Honours) S1 L3**

*Prerequisite: 98.624.*

The theory and evidence of selected aspects of the capital market behaviour including option markets and option theory, futures and commodity markets, Beta factors, portfolio performance measurement, dividend policy, capital structure and cost of capital.

#### **98.630 Bank Financial Management SS L3**

*Prerequisite: 98.864 and 98.614 or 98.624.*

The theory and practice of banking from a financial management perspective. Banks and the financial services industry. Regulatory restrictions and financial management. Performance analysis and strategic planning. Asset management — liquidity, investment and loan management. Liability and deposit management. Capital structure and dividend decisions. Financial management implications of electronic banking, international banking, and other developments.

#### **98.631 Risk and Insurance SS L3**

*Prerequisite: 98.864, and 98.614 or 98.624, and 15.103M or equivalent.*

The nature of commercial, financial, and physical risk is explored. In addition to the theory of risk, the way in which insurance has evolved to deal with this important aspect of the economic environment is studied in depth. Case studies are used to illustrate points of practical relevance. Emphasises the mathematical and statistical foundations of the discipline. Topics in the area of risk include: risk premia, insurance ratings, simulation of risky environments, physical risk, and death. Insurance is approached as a natural commercial response to risk with inference from insurance data, general insurance, motor insurance, very large risks, and life assurance.

#### **98.632 Regulation in Capital Markets SS L3**

*Prerequisites: 99.774 and 98.613 and 98.864.*

Forms of Australian financial regulation with special reference to: the structure of the regulatory system; the legal regulation of the companies and securities industry; the role of the investigative powers of regulatory agencies; functional weakness in the administrative legal process. An examination of specific regulations affecting securities markets and a review of theories of financial regulation and empirical evidence concerned with their effect. A review of the constraints on financial decision making imposed by financial regulations.

#### **98.633 Real Estate Finance and Investment SS L3**

*Prerequisite: 98.614 or 98.624*

An evaluation of real estate financing, the mechanics of the mortgage market, and the application of modern finance theory to the evaluation, selection and management of property investments. Topics include: the role of regulation, taxation, government agencies, property trusts, and the banking system in promoting real estate activity. An analysis of real estate prices and yields, diversification aspects, and use of property as an inflation hedge. An evaluation of leasing, type of tenancy, property options and property trusts.

**98.634 Lending and Liquidity Management SS L3**

*Prerequisite:* 98.864 and 98.614 or 98.624.

An analysis of the short-term sources and uses of funds with primary emphasis on lending and liquidity management. Topics include loan pricing with applications of option pricing theory, loan risk assessment and management, lending practice and loan administration, working capital management, inventory management and statistical credit controls.

**98.635 Options, Futures and Risk Management Techniques SS L3**

*Prerequisite:* 98.615 or 98.625.

Introduces students to the new financial instruments, such as options, futures, swaps and their markets. Theories for pricing these instruments are surveyed. Alternative strategies for hedging and spreading are studied in detail.

The order of topics covered is: Advanced topics in option theory, options for different underlying instruments, futures instruments, options on futures, swaps, hedging techniques, portfolio insurance, immunisation using interest rate futures.

**98.794 Honours Thesis**

**98.864 Australian Capital Markets S2 LT3**

*Prerequisite:* Nil.

As for 98.964G. See Graduate Study: Subjects Descriptions.

**98.875 Seminar in Finance SS L3**

*Prerequisite:* 98.625.

Reviews basic mathematical and statistical techniques employed in theoretical and empirical studies in finance.

**98.876 Business Finance 4A S1 L3**

*Prerequisite:* 98.625.

As for 98.976G. See Graduate Study: Subject Descriptions.

**98.877 Business Finance 4B S2 L3**

*Prerequisite:* 98.876.

As for 98.977G. See Graduate Study: Subject Descriptions.

**98.879 Empirical Research in Finance S1 L3**

*Prerequisite:* 98.625.

As for 98.979G. See Graduate Study: Subject Descriptions.

**98.882 International Business Finance S2 L3**

*Prerequisite:* 98.614 or 98.624.

The problems, techniques and policies of financial decision making in the international business environment. Includes a review of foreign exchange markets, problems of exposure to foreign exchange risk, determination of spot and forward rates, capital budgeting, cost of capital and capital structure, and working capital management in the multinational environment.

**98.898 Project Seminar**

## School of Information Systems

**19.602 Computer Information Systems 1 S1 or S2 L2T1**

*Prerequisite:* 15.102M or 15.101M or approved studies in computer science.

Information systems and the organization, architecture of typical commercial application systems, the systems lifecycle, the systems analysis/design task, tools and techniques of the systems analyst, documentation techniques, internal controls and interfacing with the edp auditor, file design concepts, logic and computer hardware, commercial computer programming.

**19.603 Computer Information Systems 2 S2 L2T1**

*Prerequisite:* 19.602. *Excluded:* 19.606.

System analysis and design: requirements analysis and specification, logical and physical design of business systems, specification and updating of files, man-machine dialogue procedures. Comparison of design methodologies — top-down and evolutionary.

**19.605 Computer Systems Implementation S1 L2T1**

*Prerequisite:* 19.609.

For students who first enrolled before 1989 —

*Prerequisite:* 19.603.

Supervised implementation of an information systems project in a commercial programming language. Advanced program design and structured techniques, interface with systems software at application implementation level, comparison of a range of programming languages, test data specification, implementation procedures.

**19.606 Management Information Systems Design S2 L2T1**

*Prerequisite:* 19.602. *Excluded:* 19.603.

Not offered in 1989.

Organizational impact, information systems design methodologies, requirements elicitation, logical and physical design, implementation procedures, principles of data management, data analysis, telecommunications networks, systems design in a distributed environment, commercial programming practice, systems development case studies using spreadsheet, file management and word processing software.

**19.607 Distributed Computer Systems S2 L2T1**

*Prerequisite:* 19.609

Advanced data communication concepts, computer networks, reference to international standards and common industry communications software packages; transaction processing software and interface with data management systems; local networks; interaction between text processing and data processing; a case study based on a microcomputer network.

**19.608 Database Systems**

**S1 L2T1**

*Prerequisite:* 19.603 or 19.606 or 19.609.

Advanced data storage concepts, including detailed study of alternative approaches to database management systems. Management information needs and database specification in a commercial environment. Detailed evaluation, with project work, of a microcomputer based database management system. Information retrieval concepts, relational query-systems, security, control and audit considerations.

**19.609 Computer Information Systems Technology**

**S1 L2 T1**

*Prerequisites:* 19.602 or 6.711

Operating system concepts; processor, storage device and process management, segmentation and paging systems. Introduction to computer networks and distributed systems. COBOL programming.

**19.611 Information Systems Development**

**S2 L2T1**

*Prerequisite:* 19.603 and approval by the Head of the School of Information Systems.

A systems analysis and design case study. Information systems project management, data processing administration, on-line systems, design techniques, internal controls.

**19.616 Commercial Programming Principles**

**S2 L2T1**

*Prerequisite:* 19.605 *Co-requisite:* 19.692

Available only to BIT students.

An advanced treatment of the practice of implementing commercial systems. Topics include: the use of library code, program design for performance, the use of code generators, project control and reporting practice.

**19.691 Industrial Training 1**

**S1**

*Prerequisite:* 19.602

Available only to BIT students.

A practical treatment of the characteristics of commercial information systems. The topics covered include: analysis of an existing information system; development of overview documentation of the system; evaluation of the interface design; consideration of the role of security and control mechanisms.

**19.692 Industrial Training 2**

**S2**

*Prerequisite:* 19.605. *Co-requisite:* 19.616.

Available only to BIT students.

An in-depth practical exposure to Information Systems Development. The topics covered include: the structure and management of the implementation teams; the roles of users and information staff in implementation; scheduling and control during implementation.

**19.693 Industrial Training 3**

**S1**

*Co-requisite:* 19.611

Available only to BIT students.

In-depth practical work in Information Systems Analysis and

Design. The topics covered include: the structure and management of analysis and design teams; the roles of users and I/S staff in analysis and design; scheduling and control during analysis and design.

**19.773 Operations Research in Business**

**S2 L2T1**

*Prerequisite:* 14.522.

Formulation and application of mathematical and statistical models for the solution of managerial and industrial problems, including mathematical programming, probability and statistical decision theory, simulation, network analysis, inventory and queueing models.

**19.794 Honours Thesis**

**19.805 EDP Auditing**

**S1 L3**

*Prerequisites:* 14.708 (14.703 prior to 1986), 19.602 and 19.603 or with approval of the Heads of the Schools of Accounting and Information Systems.

As for 19.905G. See Graduate Study: Subject Descriptions.

**19.810 Advanced Data Management**

**S1 L1T2**

*Prerequisite:* Admission to BCom degree course at Honours level majoring in Information Systems plus approval of the Head of School of Information Systems.

The principles and practice of data administration in a large organization. Design, redesign and tuning of database. Distributed databases and database management systems. Reliability, security and integrity of the database.

**19.811 Knowledge Based Information Systems**

**S2 L2T1**

*Prerequisite:* Admission to BCom degree course at Honours level majoring in Information Systems plus approval of the Head of School of Information Systems.

Knowledge acquisition and representation methods, including knowledge engineering as applied to Expert Systems. Inferential mechanisms, artificial intelligence hardware and software applicable to knowledge based information systems. Evaluation, with project work of expert systems tools and techniques in specified problem domains.

**19.812 Managing Software Development**

**S1 L2T1**

*Prerequisite:* Admission to BCom degree course at Honours level majoring in Information Systems plus approval of the Head of School of Information Systems.

Software engineering of complex systems, project planning and management, estimation models and techniques, project scheduling, software quality, reliability, assurance, software project productivity models.

**19.853 Advanced Systems Management**

**S2 L3**

*Prerequisite:* Admission to BCom degree course at Honours level.

As for 19.953G. See Graduate Study: Subject Descriptions.

**19.857 Operations Research for Management 1**

**S2 L3**

*Entry approval by Head of School of Information Systems.*

As for 19.957G. See Graduate Study: Subject Descriptions.

**19.886 Research Topics in Information Systems 1 S1 L3**

Entry approval by Head of School of Information Systems.

As for 19.986G. See Graduate Study: Subject Descriptions.

**19.887 Research Topics in Information Systems 2 S2 L3**

Entry approval by Head of School of Information Systems.

As for 19.987G. See Graduate Study: Subject Descriptions.

**19.891 Decision Support Systems S1 L3**

Prerequisite: 19.603

As for 19.991G. See Graduate Study: Subject Descriptions.

**19.893 Special Topic in Information Systems S1 or S2 L3**

Prerequisite: Approval of Head of School of Information Systems.

To assist students in completion of research project requirement. May consist of an examinable readings program defined to meet the needs of a particular student or a formal program undertaken by a group of students whose research projects are in a common area.

**19.897 Seminar in Research Methodology****19.898 Project Seminar****99.776 Legal Regulation of Commerce S1 or S2 L2T1**

Prerequisite: 99.774.

The regulation of restrictive trade practices and sales promotion. The legal framework of marketing strategy with special reference to anti-competitive practices (including collusive activity, exclusive dealing, price discrimination, resale price maintenance, mergers and monopolization) and consumer protection law (including misleading and deceptive advertising and other unfair practices). Consumer credit; product liability; protection of intellectual property.

**99.777 Legal Organization of Commerce S2 L3T1**

Prerequisite: 99.775 or 99.776.

The law relating to corporations including company takeovers and the securities industry, partnerships, joint ventures and trusts, with special reference to their comparative utility.

**99.783 Taxation Law S1 L3T1**

Prerequisite: 99.775 or 99.776.

The law and practice of the taxation of income under the Income Tax Assessment Act 1936 (Commonwealth) including the concepts of income and allowable deductions; alienation of income; taxation of partnerships, trusts and corporations; tax avoidance and evasion. Capital taxes. An introduction to stamp duties, payroll tax, land tax and sales tax. Tax policy.

**99.824 Advanced Taxation: Contemporary Issues S2 L3**

Prerequisite: 99.783

As for 99.924G. See Graduate Study: Subject Descriptions.

---

**Department of Legal Studies and Taxation**

---

**99.774 Legal Environment of Commerce S1 or S2 L2T1**

Prerequisite:

HSC minimum  
mark required

2 unit English (General) or  
2 unit English or  
3 unit English

60  
53  
1

The Australian legal system and areas of substantive law relevant to commerce including contract, business organization, employment, commercial arbitration, advertising, trade regulation, civil compensation, discrimination.

**99.775 Legal Transactions in Commerce S1 or S2 L2T1**

Prerequisite: 99.774.

General principles of law of contract and specialized commercial transactions including banking and negotiable instruments, insurance, agency, sale of goods, bailment, suretyship.

---

**Economics**

---

---

**Department of Economics**

---

**15.101E Microeconomics 1 S1 or S2 L2T1½ or L2T2**

Prerequisite:

HSC minimum  
mark required

2 unit English (General) or  
2 unit English or  
3 unit English

60  
53  
1

Economics as a social science; scarcity, resource allocation and opportunity cost. An introductory analysis of consumer behaviour. The economics of firms and markets: production and costs; the classification and analysis of markets. Efficiency concepts and market failure. The gains from international trade and the impact of trade restrictions. Economic growth and structural change.

**15.102E Macroeconomics 1 S1 or S2 L2T1½ or L2T2**

*Prerequisite:* 15.101E.

Introduction to the analysis of aggregate output, employment and economic growth and their relationship to the policy issues of unemployment, inflation and the balance of payments. Social accounting and aggregate income and expenditure analysis. Introduction to macroeconomic models of income determination; consumption and investment functions. The role of money and financial institutions; interactions between goods and money markets in equilibrium and disequilibrium situations. Analysis of recent Australian macroeconomic experience.

**15.103E Introductory Japanese A S1 L3T2**

*Prerequisite:* Nil.

Introduction to modern Japanese speaking, listening, reading and writing using communicative methodology. Emphasis on oral-aural skills with reinforcement through the use of the language laboratory. Hiragana and Katakana and some Kanji are introduced and developed through progressive practice.

**15.104E Introductory Japanese B S2 L3T2**

*Prerequisite:* 15.103E or equivalent.

Supplementary materials and extension of all language skills with emphasis on the language needed for social science applications.

**15.201E Microeconomics 2 S1 L2T2**

*For students first enrolling in 1989 —*

*Commerce prerequisite:* 15.102E.

*Arts/Applied Science/Sciences prerequisites:* 15.102E, 15.103M.

*Co-requisite:* 15.203M.

*Excluded:* 15.221E, 15.203E.

*For students who first enrolled before 1989 —*

*Commerce prerequisite:* 15.011.

*Arts/Applied Science/Sciences prerequisites:* 15.011 plus 15.401 or

15.411 or 10.001 or 10.011. *Co-requisite:* 15.412.

*Excluded:* 15.012, 15.072.

The theory of consumer behaviour and the theory of the firm. Structure and behaviour; adjustment and stability. General equilibrium analysis in an open economy. Externalities, public goods. Aspects of public sector and intertemporal economics.

**15.202E Macroeconomics 2 S2 L2T2**

*Commerce prerequisite:* 15.102E.

*Arts/Applied Science/Sciences prerequisites:* 15.201E and 15.203M.

*Excluded:* 15.204E, 15.222E.

*For students who first enrolled before 1989 —*

*Commerce prerequisite:* 15.011.

*Arts/Applied Science/Sciences prerequisites:* 15.002 plus 15.412.

*Co-requisites:* 15.422 or 15.416.

*Excluded:* 15.052, 15.062.

Models of aggregate income determination in open economies. Theories of aggregate economic behaviour with respect to consumption and investment expenditures and financial transactions. Balance of payments and exchange rate analysis. Theories of inflation and unemployment. Introduction to dynamic analysis. Theories of growth and cycles.

**15.203E Applied Microeconomics SS L2T1½**

*Commerce prerequisite:* 15.102E.

*Arts/Applied Science/Sciences prerequisites:* 15.102E and 15.103M or 15.100M.

*Excluded:* 15.201E, 15.221E.

*For students who first enrolled before 1989 — Commerce/Arts/Applied Science/Sciences prerequisite:* 15.011.

*Excluded:* 15.012 and 15.002.

Structural change in the Australian economy. The effect of different market structures on firms and consumer welfare. The consequences of markets failure and the effects of government regulation. Investment decisions in the public and private sectors, including the estimation of future benefits, revenues and costs, the measurement of consumer and producer surplus. The economics of non-renewable and other resources. Australia's international trade and investment and the effects of restrictions on international trade and investment.

**15.204E Applied Macroeconomics SS L2T1½**

*Commerce prerequisite:* 15.102E.

*Arts/Applied Science/Sciences prerequisites:* 15.102E and 15.103M or 15.100M.

*Excluded:* 15.202E, 15.222E.

*For students who first enrolled before 1989 —*

*Prerequisite:* 15.011.

*Excluded:* 15.052 and 15.042.

Economic growth and fluctuations in Australia. Inflation, unemployment and balance of payments issues. Fiscal, monetary, exchange rate and income policies. Changes in the structure of the Australian financial system and its links with the international monetary system. Effects of restrictions on capital markets.

**15.205E Marxian Political Economy SS L2T1**

*Prerequisite:* 15.102E.

*For students who first enrolled before 1989 —*

*Commerce/Arts/Applied Science prerequisite:* 15.011.

Varieties of political economy. Marx and the classics, the Marxian system. Marxian economics since Marx. Marx and socialist planning. Marxian analysis of current economic problems.

**15.206E Post-Keynesian Political Economy SS L2T1**

*Prerequisite:* 15.102E.

*For students who first enrolled before 1989 —*

*Commerce/Arts prerequisite:* 15.011.

Introduction to Post-Keynesian economics, ie that branch of economic theory which attempts to integrate the short-run analysis of Keynes and Kalecki with aspects of the classical tradition deriving from Ricardo and Marx. The major theoretical points at issue between Post-Keynesian and neo-classical economics are elaborated and the policy implications brought out.

The state in contemporary capitalism including the role of the state in ensuring the reproduction of industrial capital, capital in general and capitalist social relations with consideration of how this is achieved.



**15.207E Natural and Environmental Resources Economics****S2 L2T1***Prerequisites:* 15.201E or 15.221E or 15.203E.*For students who first enrolled before 1989 —  
Prerequisite:* 15.002 or 15.012 or 15.072 plus 15.421.

Classification of renewable and non-renewable resources; reserves, resources and resource base; the concept and measurement of resource scarcity, costs, prices and rents; exhaustion of resources, ore quality, exploration, availability of substitutes; uncertainty of discovery, technical progress, market imperfections; renewable resources, sustainable yield concepts. Policy issues, with particular reference to Australia's role in the international economy.

**15.208E Industry Economics and Australian Industrial Policy****S2 L2T1***Prerequisite:* 15.201E or 15.221E or 15.203E.*For students who first enrolled before 1989 —  
Commerce/Applied Science prerequisite:* 15.002 or 15.012 or 15.072.  
*Arts prerequisites:* 15.421 plus 15.072 or 15.012 or 15.002.

Structure of industry; inter-relationships between the role of the business firm and industrial structure; multinational corporations; factors affecting size-structure and performance such as economies of scale; barriers to entry, vertical integration, diversification and mergers, patents, the development and transmission of technology; industrial policy in Australia with special reference to competition policy; foreign investment and mergers, and some specific industry policies (eg on motor vehicles, electronics, steel, petroleum).

**15.209E Japanese International Economic Relations****S1 or S2 L2T1***Prerequisite:* 15.201E or 15.203E.*For students who first enrolled before 1989 —  
Commerce/Arts prerequisites:* 15.011 plus 15.103 or 15.113 or 15.072 as a co-requisite.

Japan's international trade, investment and balance of payments policies. Present and anticipated problems relating to external economic policies, including alternative strategies for international economic relations.

**15.210E Regional and Urban Economics****S1 L2T1***Prerequisites:* 15.201E or 15.203E or 15.221E plus 15.202E or 15.204E or 15.222E.

Not offered in 1989.

Theory of urban and regional economics and its policy implications. Regional income and growth, location theory, urban land values and structure, urban growth, the economics of city size, urban transportation and fiscal problems.

**15.211E Managerial Economics****S1 L2T1½***Prerequisites:* 15.101E and 15.102E.

Not offered in 1989.

The application of economic concepts and analysis to managerial decision making. The relevance of opportunity cost and marginal analysis. Introduction to linear programming as a tool for managerial decision making. Production and cost analysis and

measurement, with applied examples. Market and demand analysis and forecasting with applied examples. Problems of price setting. The role of non-price competition, such as advertising. The cost of capital and capital budgeting. An introduction to risk.

**15.212E Market Structure and Competition Policy****S2 L2T1***Prerequisite:* 15.301E or 15.321E.

Not offered in 1989.

Advanced topics in the theory and measurement of market structure, conduct and performance, including measures of concentration, economies of scale and scope, vertical integration and diversification, barriers to entry and exit.

Advanced topics in the theory of growth and conduct of firms, including multinationals, limit pricing, potential competition and contestable market analysis. The theory of competition policy and regulation and the economic analysis of trade practices coming within the Trade Practices Act (Section IV), including price fixing and division of markets, collusive arrangements, cartels, conscious parallelism, price leadership, and predatory pricing, trade associations and information agreements, joint ventures, resale price maintenance, exclusive dealing and tying arrangements, price discrimination.

**15.221E Microeconomics 2 (Honours)****S1 L2T2***Commerce prerequisite:* 15.102E.*Arts prerequisite:* 15.102E at Credit level or better and 15.103M.*Co-requisite:* 15.203M.*Excluded:* 15.201E, 15.203E.*For students who first enrolled before 1989 —**Commerce prerequisite:* 15.011.*Arts/Sciences prerequisites:* 15.011 at Credit level or better, plus 15.401 or 15.411. *Co-requisite:* 15.412.*Excluded:* 15.072, 15.002.

As for 15.201E Microeconomics 2 at greater depth.

**15.222E Macroeconomics 2 (Honours)****S2 L2T2***Commerce prerequisite:* 15.102E.*Arts prerequisite:* 15.201E at Credit level or better or 15.221E and 15.203M. *Co-requisite:* 15.204M.*Excluded:* 15.202E, 15.204E.*For students who first enrolled before 1989 —**Commerce prerequisite:* 15.011.*Arts/Applied Science/Sciences prerequisite:* 15.012 or 15.002 at Credit level or better plus 15.412. *Co-requisites:* 15.422 or 15.415.*Excluded:* 15.042 and 15.062.

As for 15.202E Macroeconomics 2 at greater depth.

**15.241E Economics of Developing Countries****S1 L2T1***For students who first enrolled before 1989 —**Commerce/Arts/Applied Science prerequisite:* 15.072 or 15.103 or 15.113.

Aspects of economic development in the less developed countries. Characteristics of these countries and the policies available to them, simplified models of under-development, phenomenon of structural change in the development process, role of industrialization in promoting structural change, international relationships of developing countries and strategies of development based on industry or agriculture.

**15.242E Money Banking and the Financial System**

**S1 L2T1**

For students who first enrolled before 1989 —  
Commerce/Arts/Sciences prerequisite: 15.042 or 15.052 or 15.062  
(at Credit level or better.)

Functions and properties of money. Theory of financial intermediation including financial innovation. Theory of portfolio selection. Flow of funds analysis. Determination of interest rates — level and structure. Introduction to the international money market. Development and structure of the Australian financial system. Efficiency of the Australian financial system.

**15.243E Public Finance**

**SS L2T1**

For students who first enrolled before 1989 —  
Commerce/Applied Science prerequisite: 15.002 or 15.012 or 15.072.  
Arts prerequisite: 15.002 or 15.012 or 15.072 plus 15.421.

General aspects of public sector expenditure and its financing with special reference to Australia: role of government in the economy; principles and types of public expenditure; tax sharing and revenue systems; economic and welfare aspects of different types of taxes and social services systems; inflation and tax indexation; loan finance and the public debt; fiscal policy, the Budget and the economy.

**15.244E International Economics (Honours)**

**S1 L2T2**

For students who first enrolled before 1989 —  
Commerce prerequisite: 15.002 or 15.012 at Credit level or better.  
Sciences prerequisite: Either 15.002 or 15.012 at Credit level or better plus 15.421.  
Arts prerequisite: Credit in 15.002 or 15.012 plus 15.422 or 15.416.  
Excluded: 15.103, 15.249E.

The world economy. Classical and neo-classical theories of international trade: empirical evidence. Effects of trade restrictions. Trade and welfare. The transfer problem. Foreign investment. Customs unions and other forms of integration. Trade policies.

**15.245E The Less Developed Countries in the World Economy**

**S2 L2T1**

For students who first enrolled before 1989 —  
Commerce/Arts/Sciences prerequisites: 15.103 or 15.113 or 15.062 and 15.072.

The role of the less developed countries in the world economy, with special reference to the effects of the energy situation, the emergence of OPEC, the influence of multinational corporations and the role of the newly industrialized countries of the Asian-Pacific area and ASEAN. The effects of policies towards trade and investment, the role of trade preferences and international aid and the debt problems of less developed countries. The application of project analysis to investment decisions in less developed countries.

**15.246E Japanese Economic Policy**

**S1 L2T1**

For students who first enrolled before 1989 —  
Commerce/Arts prerequisite: 15.011.

Postwar Japanese economy and economic policy, including anal-

ysis of the postwar economy in historical perspective; Japanese long-term economic planning and the nature of principal economic policies such as agricultural, industrial, monetary and fiscal.

**15.247E Public Sector Economics**

**SS L2T1**

For students who first enrolled before 1989 —  
Commerce/Arts prerequisite: 15.002 or 15.012 or 15.072 plus 15.421  
Applied Science prerequisite: 15.002 or 15.012 or 15.072 plus 15.421  
with the approval of the Head of the Department of Economics.

The theory of public economic activity in the short-run and the long-run. Government objectives and the social welfare function. Equity and efficiency in revenue raising. The theory of public sector pricing and its applications. Techniques of investment appraisal, cost-benefit analysis and related issues. The application of cost-benefit analysis to transport, urban and other problems.

**15.248E Capital and Distribution**

**S2 L2**

For students who first enrolled before 1989 —  
Prerequisite: 15.004.

Capital theories, the capital controversy and related issues. Distribution of income, personal and functional. Theories of function distribution measurement problems. Policy issues.

**15.301E Microeconomics 3**

**S1 L2T2**

Prerequisites: 15.201E, 15.202E, and 15.203M.  
Exclusion: 15.321E.

For students who first enrolled before 1989 —  
Commerce prerequisite: 15.002 or 15.012.  
Arts/Applied Science/Sciences prerequisite: 15.00 or 15.012 plus 15.422 or 15.416.  
Excluded 15.153.

General equilibrium and input-output analysis, including the impacts of taxation and other forms of government intervention. Theory of second best. Public enterprise pricing and investment. "Privatisation" and deregulation of markets. Decision-making under uncertainty.

**15.302E Macroeconomics 3**

**S2 L2T2**

Prerequisites: 15.201E, 15.202E and 15.203M.  
Excluded: 15.322E.

For students who first enrolled before 1989 —  
Commerce prerequisite: 15.042 or 15.052.  
Arts/Applied Science/Sciences prerequisite: 15.042 or 15.052, plus 15.422 or 15.416.  
Excluded: 15.013.

Review and extension of macroeconomic models of open economies. Dynamics, including cyclical dynamics. Introduction to the theory of economic policy. Rational expectations and macroeconomic policy. Theory and analysis of Australian fiscal, monetary, exchange rate, public and external debt, and incomes policy. International policy interdependence. Introduction to macroeconomic models.

**15.303E Monetary Economics A****S1 L2T1½**

*Prerequisites:* 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.  
*Excluded:* 15.242E, 15.063.

As for 15.242E.

**15.304E Monetary Economics B****S2 L2T1½**

*Prerequisite:* 15.303E.

Development structure and efficiency of the international monetary system and the role of the IMF. International adjustment mechanisms for the balance of payments. Exchange rate determination and the effects of exchange rate variation. Optimum currency areas. Forward exchange markets. Foreign exchange risk management. Development of Eurocurrency markets and implications for policy. The international debt problem. International financial integration and implications for domestic policy.

**15.305E Public Economics A****S1 L2T1½**

*Prerequisites:* 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.  
*Excluded:* 15.247E, 15.093.

As for 15.247E.

**15.306E Public Economics B****S2 L2T1½**

*Prerequisite:* 15.305E. *Excluded:* 15.243E, 15.083.

As for 15.243E.

**15.307E Labour Economics A****S1 L2T1½**

*Prerequisites:* 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.

Economic analysis of contemporary labour market problems. Labour force participation, the demand for labour, the supply of labour (traditional approaches and selectivity-bias-corrected studies), the demand for education and investment in human capital. The economic analysis of unions and collective bargaining, the structure of compensation, occupational choice, job turnover and labour mobility, contract theory and the theory of job search.

**15.308E Labour Economics B****S2 L2T1½**

*Prerequisite:* 15.307E. *Excluded:* 30.557, 15.557.

As for 30.557.

**15.309E Economic Growth and Development A****S1 L2T1½**

*Prerequisite:* 15.201E or 15.221E, 15.202E or 15.222E and 15.203M.

Characteristics of economic growth and development, role of capital accumulation, labour, technology, and natural resources. Application of growth models to development issues. Role of industrialization, structural change, development strategies etc in promoting economic development.

**15.310E Economic Growth and Development B****S2 L2T1½**

*Prerequisite:* 15.309E.

Major characteristics of the international economy, including roles

of the United States, Japan, Western Europe, NICs, OPEC and other LDCs. Trade and investment policies, including the debt problem and the role of GATT and the World Bank. Macro/money policies, including international co-ordination and the role of the IMF. Benefits and costs of closer integration. Foreign aid.

**15.311E Contemporary Japanese Economy****S1 L2T1**

*Prerequisite:* 15.202M. *Excluded:* 15.246E, 15.203.

As for 15.246E.

**15.312E The Newly Industrializing Economies of East Asia****S2 L2T1½**

*Prerequisite:* 15.309E. *Co-requisite:* 15.310E.

Principal economic characteristics of the newly industrializing economies of East Asia: South Korea, Taiwan and Hong Kong. Comparisons of internal and external policies and their contribution to the achievement of socio-economic objectives.

**15.313E Economic Development in ASEAN Countries****S1 L2T1½**

*Prerequisite:* 15.202E or 15.222E. *Co-requisite:* 15.309E.

Analysis of principal economic characteristics of members of the Association of South East Asian Nations: Indonesia, Malaysia, Philippines, Singapore and Thailand. Causes and consequences of economic development policies. Theoretical issues related to formation of customs unions and free trade areas, and their application to ASEAN.

**15.314E Economic Methodology****S2 L2T2**

*Prerequisite:* 15.321E.

*For students who first enrolled before 1989 —*

*Commerce prerequisite:* 15.013.

*Arts prerequisite:* Credit in 15.013 or consent of the Head of the Department of Economics.

The methodology of modern economics, the scientific method, the testing of hypotheses. Some logical problems in econometric techniques. The analysis and methodology of classical and later economists. Economic analysis and methodology plus the development of economic thought as a response to changes in society and contemporary economic problems. Some of the major issues in monetary theory, classical and neo-classical value and distribution theory and equilibrium and welfare economics.

**15.321E Microeconomics 3 (Honours)****S2 L2T2**

*Commerce prerequisites:* 15.201E and 15.202E, both at Credit level or better, or 15.221E and 15.222E, and 15.203M.

*Arts prerequisites:* 15.201E and 15.202E, both at Credit level or better, or 15.221E and 15.222E, and 15.204M.  
*Excluded:* 15.301E.

*For students who first enrolled before 1989 —*

*Commerce prerequisite:* Either 15.002 or 15.012 at Credit level or better.

*Arts/Science prerequisite:* Either 15.002 or 15.012 at Credit level or better plus 15.422 or 15.416.

*Excluded:* 15.143.

As for 15.301E Microeconomics 3 at greater depth.

**15.322E Macroeconomics 3 (Honours) S1 L2T2**

*Commerce prerequisite:* 15.201E and 15.202E, both at Credit level or better, or 15.221E and 15.222E, and 15.203M.  
*Arts prerequisites:* 15.201E and 15.202E, both at Credit level or better, or 15.221E and 15.222E, and 15.204M.  
*Excluded:* 15.302E.

*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* Either 15.042 or 15.052 at Credit level or better. *Arts/Sciences prerequisite:* Either 15.042 or 15.052 at Credit level or better plus 15.422 or 15.416.  
*Excluded:* 15.003.

As for 15.302E Macroeconomics 3 at greater depth.

**15.421E Microeconomics 4 S1 L4**

*Prerequisite:* 15.321E.

*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.153.

Advanced consumer theory; general equilibrium models, including money, dynamics. Theory of games. Theory of social choice. Application of theory to current economic issues.

**15.422E Macroeconomics 4 S1 L4**

*Prerequisite:* 15.322E.

*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.013.

Advanced analysis of developments in macroeconomic theory, including assessment of contribution of Keynes' General Theory, microeconomic foundations, intertemporal stock-flow processes, disequilibrium models, and theories of economic growth. Monetary theory and the conduct of monetary policy in open economies, including portfolio approach to monetary theory and exchange rate policy.

**15.426E Economics Honours Thesis Seminar F L2**

**15.427E Thesis F**

*Note:* Students are expected to do a substantial amount of work on their thesis before the commencement of the academic year. They must have a topic approved by the Head of the Department of Economics before the end of the year *preceding* their entry into their final year. Students are required to present a seminar on the topic of their thesis.

**Servicing Subject**

A servicing subject is one taught within courses offered by other faculties.

**For further information regarding the following subject see the Faculty of Arts Handbook.**

**15.420E Economics Honours (Arts) F 8CCCH**

*Prerequisites:* 15.221E, 15.222E, 15.321E, 15.322E all at Credit level, plus 15.203M and 15.204M.

Consists of advanced topics in macroeconomics and microeconomics and a thesis. Students enrolled in this subject are required to attend regular seminars at which each student will present a seminar on the thesis topic.

*Note:* Students are expected to do a substantial amount of work on their thesis before the commencement of the academic year. They must have a topic approved by the Head of School of Economics before the end of the year *preceding* their entry into their final year.

**Department of Econometrics**

**15.101M Quantitative Methods A (Advanced) S1 L2T1½**

*Prerequisite:*

		HSC minimum mark required
3 unit Mathematics	2 unit	67
	3 unit or	1
4 unit Mathematics	3 unit	1
	4 unit	1

*Arts co-requisite:* 15.101E.

*Excluded:* 10.001, 10.011, 15.102M.

*Note:* Students who took 3 unit Mathematics (with a minimum mark of 1-50) and 4 unit Mathematics may take 15.101M and other students take 15.102M.

Students wishing to vary enrolment from 15.102M to 15.101M or vice-versa must do so before the end of the second week of the session.

*Mathematics of finance:* Compound interest, present value, annuities, continuous compounding. *Matrix Algebra:* Operations with matrices, determinants, matrix inverse, linear dependence and rank, linear and quadratic forms, solution of matrix equations, input-output analysis, linear programming and dual. *Calculus:* univariate differentiation, optimization of univariate functions, definite and indefinite integration, multivariate functions and partial differentiation, unconstrained and constrained optimization of multivariate functions, applications of above concepts and techniques in economics and business.

**15.102M Quantitative Methods A S1 or S2 L2T1½**

*Prerequisite:*

		HSC minimum mark required
2 unit Mathematics or		60
3 unit Mathematics	2 unit	60
	3 unit or	1
	3 unit	1
4 unit Mathematics	4 unit	1

*Arts co-requisite:* 15.101E.

*Excluded:* 10.001, 10.011, 15.101M.

*Mathematics of finance:* Compound interest, present value, annuities. *Matrix Algebra:* Operations with matrices, determinants, matrix inverse, rank, solutions of matrix equations, input-output analysis. *Calculus:* univariate differentiation, maxima and minima of a function, functions of several variables, partial derivatives, unconstrained and constraint optimization. Applications of the above concepts and techniques in accountancy and economics.

**15.103M Quantitative Methods B S1 or S2 L2T1½**

*Prerequisite:* 15.101M or 15.102M.  
*Arts co-requisite:* 15.102E.

Frequency distributions, measures of central tendency, dispersion and skewness, introduction to probability theory, the binomial distribution, the normal distribution, estimation of population parameters and confidence intervals, hypothesis tests, the distribution.

This subject requires a level of computer literacy. Four-week courses will be offered in Session 1 and may also be offered in the inter-session break. Students may demonstrate their ability in the relevant computer skills by passing an examination without attending a course. Students who have not passed the examination before commencing this subject must take a special four-week course offered in the first weeks of Session 1 (or possibly in the inter-session break) as part of this subject, and must pass the examination at the end of week 4 in order to pass the subject.

**15.201M Linear Economics S1 L2T1**

*Prerequisite:* 15.101M or 15.102M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.411 or 10.001 or 15.401.

Elements of set theory, Vector spaces. Classical optimization in economics. Linear programming theory and solution algorithm. The dual problem; applications of linear programming in economics: Efficient production and valuation of resources. Input-output analysis. Introduction to the theory of games.

**15.202M Economic Optimization and Dynamics S2 L2T1**

*Prerequisite:* 15.101M or 15.102M and 15.103M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.432.

Non-linear programming problems existence and characterization of solutions. Economic applications to welfare maximization and constrained production. Descriptive growth models: dynamic Leontief models, and Von Neumann model of an expanding economy. Differential equations. Optimal control theory; applications to optimal growth problems.

**15.203M Quantitative Economics Techniques A S1 L2T1**

*Prerequisite:* 15.103M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.421.

Index numbers including consumer price index for Australia. The simple and multivariate regression models with economic applications, emphasizing practical aspects of model building.

**15.204M Quantitative Economic Techniques B S2 L2T1**

*Prerequisite:* 15.203M.  
*For students who first enrolled before 1989 —*  
*Commerce/Arts prerequisite:* 15.412.

Extensions of multiple regression models when the classical assumptions break down. Applications involving computer usage in the areas of consumption, demand, investment and production. Introduction to simultaneous equation models.

**15.205M Introduction to Operations Research SS L3**

*Prerequisite:* 15.101M or 15.102M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.411 or 15.401.

Introduction to operations research as the systematic application of quantitative methods to the analysis of problems involving decision making in economics and related disciplines. Includes linear programming, quadratic programming and dynamic programming with applications to transportation, inventory and portfolio selection and other economic related fields.

**15.206M Business Econometrics and Forecasting S2 L3**

*Prerequisite:* 15.103M.  
*For students who first enrolled before 1989 —*  
*Commerce/Arts prerequisite:* 15.421.  
*Sciences prerequisite:* 15.421 or 10.311B.

The use of econometric and statistical techniques relevant to forecasting in a business environment. Computer implementation of the methods and the study of applied work is emphasized in this non-specialist course. Short-term forecasting using time series analysis (Box-Jenkins) methods. Long-term forecasting with S-shaped growth curves and trend analysis.

**15.207M Measurement of Income Inequality S1 L2T1**

*Prerequisite:* 15.103M.  
*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* 15.421.  
*Applied Science/Sciences prerequisite:* 15.421 or 10.311B.

Systematic treatment of the conceptual framework and practical problems of measurement of income inequality and poverty. Emphasises the use of Australian income data. Knowledge of mathematics and statistics beyond the second year university level is not required. Topics are: well-known income distribution functions, the Lorenz curve and its properties, welfare implications of inequality measures, measurement of intensity of poverty, use of Lorenz curve analysis in problems of direct and indirect taxation and Government expenditure, international comparison of poverty and inequality.

**15.208M Operations Research in Economics S2 L3**

*Prerequisite:* 15.103M.  
*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* 15.442 plus 15.002 or 15.012.  
*Sciences prerequisite:* 15.442 or equivalent, or with permission of the Head of the Department of Econometrics, 10.311B.

Applications of mathematical programming and statistics to economic problems. Use of computer programming. Inventory models, queueing problems, decision analysis, dynamic programming.

**15.209M Applied Economic Statistics S1 L3**

*Prerequisite:* 15.103M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.422.

Applied multivariate analysis. The techniques of principal components, factor analysis, discriminant analysis and cluster analysis. Sample survey design and analysis. Non-parametric methods in statistical inference. In addition, students undertake a case study requiring data collection and analysis.

**15.301M Mathematical Economics A S1 L3**

*Prerequisite:* 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.  
*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* 15.432 or 15.442 or 15.002 or 15.012.  
*Sciences prerequisite:* Consult with the Head of the Department of Economics.

The duality approach to economic optimization. Applications of duality theory to economic analysis and econometric modelling.

**15.302M Mathematical Economics B S2 L3**

*Prerequisite:* 15.301M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.432 or 15.442 or 15.002 or 15.012.

Uncertainty in economics.

**15.303M Econometrics A S1 L2T1**

*Prerequisite:* 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.  
*Excluded:* 15.323M.  
*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* 15.422.  
*Sciences prerequisite:* 15.422, or with permission of the Head of the Department of Econometrics 10.311B.  
*Excluded:* 15.463.

The econometric approach, the objectives of applied econometrics: structural analysis, forecasting and policy evaluation. Estimation of regression models under classical assumptions, and break down of these assumptions: multicollinearity, autocorrelation, heteroskedasticity. A symptotic distribution theory, errors in variables, stochastic regressors and instrumental variables, lagged dependent variables, seemingly unrelated regressions.

**15.304M Econometrics B S2 L2T1**

*Prerequisite:* 15.303M. *Excluded:* 15.324M.  
*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* 15.413.  
*Sciences prerequisite:* 15.413, or with permission of the Head of the Department of Econometrics, 10.312C.  
*Excluded:* 15.473.

Identification, specification and estimation of simultaneous equation models including forecasting, policy analysis and simulation. The estimation techniques include: two-stage least squares, three-stage least squares, limited information maximum likelihood and reduced form estimation.

Students build their own models using standard computer packages.

**15.305M Applied Demand Analysis S2 L3**

*Prerequisite:* 15.204M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.422.

Theory and measurement of demand functions, estimation of complete system of demand equations, the indirect utility function and true cost of living index. International comparison of purchasing power.

**15.323M Econometrics A (Honours) S1 L2T1**

*Prerequisite:* 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.  
*Excluded:* 15.303M.  
*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* 15.422.  
*Sciences prerequisite:* 15.422, or with permission of the Head of the Department of Econometrics, 10.311B.  
*Excluded:* 15.413.

As for 15.303M, but with additional work.

**15.324M Econometrics B (Honours) S2 L2T1**

*Prerequisite:* 15.323M.  
*Excluded:* 15.304M.  
*For students who first enrolled before 1989 —*  
*Commerce prerequisite:* 15.413.  
*Sciences prerequisite:* 15.413, or with permission of the Head of the Department of Econometrics, 10.312C.  
*Excluded:* 15.423.

As for 15.304M, but with additional work.

**15.421M Advanced Mathematical Economics A S1 L3**

*Prerequisite:* 15.302M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.444.

Not offered in 1989.

Value theory and general equilibrium analysis.

**15.422M Advanced Mathematical Economics B S2 L3**

*Prerequisite:* 15.421M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.438.

Not offered in 1989.

Selected advanced topics in mathematical economics.

**15.423M Applied Econometrics A S1 L3**

*Prerequisite:* 15.304M or 15.324M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.423 or 15.473.

The nature of applied econometrics. Practical limitations of standard econometric techniques. **1.** in the face of difficulties with data, **2.** in view of the theoretical assumptions underlying estimators and tests, **3.** in the light of ambiguities of interpretation of statistical results. Applications of econometric analysis to disaggregated data (eg business investment behaviour) and to aggregated data (eg national income forecasting).

**15.424M Applied Econometrics B S2 L3**

*Prerequisite:* 15.304M or 15.324M.  
*For students who first enrolled before 1989 —*  
*Prerequisite:* 15.423 or 15.473.

The system-wide approach to econometrics. Problems of specification, estimation, and hypothesis testing when complete systems of equations are studied. Applications using consumer demand, asset demand and market share models. Estimation and infer-

ence with nonlinear equation systems; maximum likelihood and nonlinear least squares.

### 15.425M Monte Carlo Methods and Simulation Techniques S2 L3

*Prerequisite:* 15.303M or 15.323M. *Co-requisite:* 15.304M or 15.324M.

*For students who first enrolled before 1989 —*

*Prerequisite:* 15.413 or 15.463. *Co-requisite:* 15.423 or 15.473.

Not offered in 1989.

The Monte Carlo Method and its applications in econometrics distribution sampling and stochastic simulation. Methodological principles in Monte Carlo research. Pseudorandom number generation. Monte Carlo evidence on the properties of econometric estimators and test statistics. Validation of macroeconomic models using stochastic simulation. Practical experiences with stochastic simulation.

### 15.427M Thesis (Econometrics)

*Note:* Students are expected to do a substantial amount of work on their thesis before the commencement of the academic year. They must have a topic approved by the Head of the Department of Econometrics before the end of the August Recess in the year preceding their entry into Year 4.

### Servicing Subject

A servicing subject is one taught within courses offered by other faculties.

**For further information regarding the following subject see the Faculty of Arts Handbook.**

### 15.100M Introductory Quantitative Economic Analysis S1 L2T2

*Arts prerequisite:* 2 unit Mathematics or permission of the Head of the School of Economics. *Co-requisite:* 15.101E.

*Excluded:* 15.101M, 15.102M, 15.103M, 15.403M.

Algebra, introductory calculus and statistics with applications to economics.

### 30.511 Industrial Relations 1A

S1 or S2 L2T1½

*Prerequisite:*

*HSC minimum mark required*

2 unit English (General) or  
2 unit English or  
3 unit English

60  
53  
1

Multi-disciplinary introduction to a range of important concepts and issues in industrial relations. Political, social, economic, legal, historical and psychological aspects of the evolution and operation of modern employer/employee relations with material drawn from both Australian and overseas experience. The nature and implications of strikes, lockouts and other forms of industrial conflict and alienation; the structure and policies of State and Federal trade unions, the State labor councils and such peak organizations as the Australian Council of Trade Unions; the employer industrial relations function and the structure and policies of employer associations; processes of work rule determination, such as collective bargaining, mediation, conciliation and compulsory arbitration; labour movements; and the role of the various arbitration tribunals and government instrumentalities with respect to industrial relations.

### 30.512 Industrial Relations 1B

S1 or S2 L2T1½

*Prerequisite:* 30.511.

Formation and development of Australian unions. Analysis of economic, legal, political and social framework within which unions operate; the role of unions, the structure and government of unions, union strategies and unions and the 'balance of power'. The course will discuss the policies and operation of unions generally, and of State Labour Councils and the Australian Council of Trade Unions.

### 30.525 Industrial Relations 2A

S1 L2T1½

*Commerce prerequisites:* 30.511 (may be taken simultaneously rather than as a prerequisite).

*Arts prerequisite:* 30.511 and 15.102E or 53.001 or 12.100 or 12 level 1 credit points in Political Science.

*Excluded:* 30.528.

The development of industrial relations systems overseas paying special attention to collective bargaining systems. Topics include: the role of trade unions, employer bodies and government labour policies; the nature of industrial conflict and procedures utilized for its resolution; and evaluation of alternative systems of labour-management relations at the plant, industry and national level.

### 30.526 Industrial Relations 2B

S2 L2T1½

*Commerce/Arts prerequisite:* 30.525.

*Excluded:* 30.529.

Institutional structures; policies and procedures in industrial relations conflict resolution under arbitration and bargaining method. Topics include: theoretical aspects problems and issues in arbitration and bargaining; models of bargaining and arbitration; compulsory arbitration in the context of collective bargaining and the relative merits of the two methods under varying standards for evaluation. Case studies and simulation exercise material may be used.

## School of Industrial Relations and Organizational Behaviour

Students who first enrolled before 1989, please note that subject numbers for Industrial Relations previously prefixed by 15 are now prefixed by 30.

**30.528 Industrial Relations 2A (Honours) S1 L2T3½**

*Commerce prerequisite:* 30.511 (may be taken simultaneously rather than as a prerequisite) and 15.102E.  
*Arts prerequisites:* 30.511 and 15.102E or 53.001 or 12.100 or 12 Level 1 credit points in Political Science.  
*Excluded:* 30.525.

As for 30.525, with an additional two-hour seminar each week providing a more advanced treatment of industrial relations issues in particular countries.

**30.529 Industrial Relations 2B (Honours) S2 L2T3½**

*Commerce/Arts prerequisite:* 30.528.  
*Excluded:* 30.526.

As for 30.526, with an additional two-hour seminar each week providing a more advanced treatment of the structure and policies of institutions important to the Australian industrial relations system.

**30.534 Industrial Relations 3A S1 L2T1½**

*Commerce/Arts prerequisite:* 30.526.  
*Excluded:* 30.538.

Introduction to social theory and concepts by reference to the work of Marx, Weber and Durkheim. Sociological analysis of industrialization. Social structure of Australia including the political-economic context of industrial relations institutions and processes. Corporate structure and managerial strategies. Workers' orientations and responses. Role of the State in industrial relations.

**30.535 Industrial Relations 3B S2 L2T1½**

*Commerce/Arts prerequisite:* 30.534.  
*Excluded:* 30.539.

The nature and role of management behaviour and strategy in industrial relations, particularly vis-a-vis trade unions and unionism, but with attention also to several of the following: Theories of management behaviour and strategy; employer associations; plant level activity in pursuit of influence and control; national policies and strategies; the personnel function; international influences on industrial relations practice in Australian organisations.

**30.538 Industrial Relations 3A (Honours) S1 L2T3½**

*Commerce/Arts prerequisite:* 30.529.  
*Excluded:* 30.534.

As for 30.534, with an additional two-hour seminar each week providing a more advanced treatment of theory and procedures in arbitration, bargaining, conciliation and mediation.

**30.539 Industrial Relations 3B (Honours) S2 L2T2**

*Commerce/Arts prerequisite:* 30.538.  
*Excluded:* 30.575; 30.535.

Principles, procedures, techniques and data sources used for research in the field of industrial relations.

**30.541 Comparative Industrial Relations: Developed Countries SS L3**

*Prerequisite:* 30.539.

Comparative analysis of industrial relations issues in a number of overseas countries in advanced stages of industrialization. Origins, evolution, structure, operation, problems and philosophy of industrial relations in a select number of countries.

**30.545 Industrial Relations Case Studies A S1 L3**

*Prerequisite:* 30.539.

Case studies highlight a range of industrial relations issues at the plant or local level. Students also prepare their own case study for seminar presentation.

**30.546 Industrial Relations Project Seminar A S1 L3**

*Prerequisite:* 30.539.

An in-depth examination of an established body of industrial relations literature. Subject to the availability of appropriate supervision, topics can be drawn from the mainstream of industrial relations literature or from the component disciplines including labour economics, industrial psychology, industrial law, industrial sociology and labour history.

**30.547 Comparative Industrial Relations: Less Developed Countries SS L3**

*Prerequisite:* 30.539.

Comparative analysis of industrial relations issues in a number of countries at early and intermediate stages of economic development, focusing on: the development of industrial labour forces, the evolution and functioning of institutions important to industrial relations, the role of government in labour markets, and the emergence of alternative patterns of labour-management relations.

**30.548 Industrial Relations Case Studies B S2 L3**

*Prerequisite:* 30.539.

Case studies highlight a range of industrial relations issues at the industry and national level. Students also prepare their own case study for seminar presentation.

**30.549 Industrial Relations Project Seminar B S2 L3**

*Prerequisite:* 30.539.

An in-depth examination of an established body of industrial relations literature. Subject to the availability of appropriate supervision, topics can be drawn from the mainstream of industrial relations literature or from the component disciplines including labour economics, industrial psychology, industrial law, industrial sociology and labour history.

**30.555 Labour Market Economics S1 L2T1**

*Commerce/Arts prerequisite:* 15.102E.

Economics of the labour market. Theory of labour market operations and an evaluation of it in the light of a range of research evidence from Australia and overseas. Supply of labour, including work-leisure trade offs, hours of work, occupational choice



and participation rates; demand for labour by the firm and industry with evaluation of the marginal productivity doctrine; unemployment, including the identification problem, Phillips Curve and manpower policy issues; under-employment in developed and less developed countries; labour mobility and migration; theory and structure of wages including the economic philosophy, history, and machinery of Australian wage determination, wage differentials, minimum wages and earnings drift; wages and incomes policies; and the economic theory and impact of trade unions including influence on GNP shares, relative wages, hours of work, employment and resource allocation.

### 30.556 Labour Market Strategies and Policies

SS L2T1

*Commerce/Arts prerequisite: 30.555. Students should consult the Head of the School of Industrial Relations and Organizational Behaviour regarding prerequisites for this subject.*

This subject may be offered in alternate years only.

Origins, evolution and operation of Australian labour market policy, compared and contrasted with policies overseas. A range of issues in the development and deployment of human resources, including: human capital theory and its application; training, retraining and work assistance schemes; mobility programs, covering industrial, geographical and vocational labour mobility; occupational choice, theory and practice; the nature and human resource implications of various forms of unemployment, including structural, frictional, seasonal and disguised or hidden unemployment; redundancy; labour market projection and labour market planning at the national level; labour market discrimination, equal opportunity and anti-discrimination measures.

### 30.557 Wages and Incomes Policy

SS L2T1

*Commerce/Arts prerequisite: 30.539. Excluded: 15.308E.*

This subject may be offered in alternate years only.

The relationship between movements in wage and salary incomes to desired economic objectives. Formulation and administration of wages and incomes policies, and the role of trade unions, employers and government institutions. Overseas experience and its implications for Australian practices, institutions and policies. The evolution of wage concepts and standards; wage structure, relativities and differentials; trade union pushfulness and product pricing decisions; earnings drift; and principles and criteria for wage fixation, including capacity to pay, 'needs' elements, productivity gearing, minimum and social wage levels and manpower issues.

### 30.566 Industrial Conflict

SS L2T1

*Commerce/Arts prerequisite: 30.526 or 30.529.*

Conceptualization of industrial conflict. Theories of industrial and class conflict. International comparisons of collective action. Inter-industry studies of strikes. Plant level analyses of management control and labour resistance. Case studies of strikes with emphasis on social psychological processes. Structures and procedures for the institutionalization of conflict with special reference to Australian materials. The mass media and the distortion of industrial reality.

### 30.567 Social Aspects of Work and Unionism

SS L2T1

*Commerce/Arts prerequisite: 30.526 or 30.529.*

Application of sociological principles to the study of trade unions and to the examination of the changing nature of work in industrial society. Authority structures in work situations; job re-design and enrichment; occupational structures; bureaucracy and democracy in trade unions; professionalism and the growth of white collar unionism, the social role of trade unions; worker and management attitudes to industrial relations issues; and discrimination and prejudice in the work context.

### 30.571 Industrial Relations Theory

SS L2T1

*Commerce/Arts prerequisite: 30.539.*

This subject may be offered in alternate years only.

Major theoretical developments within academic industrial relations. Theories of the labour movement, in particular the work of the Webbs, Lenin, Commons, Perlman and Hoxie. Developments within the tradition of grand theory, including Dunlop's systems model, Kochan's refinements, pluralism, marxism, corporatism and theories of regulation. Australian works are examined and analysed to relate discussion to the Australian scene.

### 30.572 Industrial Democracy

SS L2T1

*Commerce/Arts prerequisite: 30.525 or 30.528.*

Different forms of worker involvement in management decision-making in Australia, Western Europe, Yugoslavia and North America. Concepts of industrial democracy, such as joint consultation, worker participation in management; industrial co-determination and worker self-management, contemporary theories of industrial democracy; West Germany's co-determination system; Sweden's model of 'disciplined' democracy in industry; joint consultation in British industry; worker self-management in industrial enterprises in Yugoslavia; and Scanlon Plans and other forms of union-management co-operation in the United States and Canada; and collective bargaining as an exercise in industrial democracy in the United Kingdom and the United States.

### 30.574 Industrial Relations Methods

S2 L2T1

*Commerce/Arts prerequisite: 30.526 or 30.529 plus 30.589.*

Methods and skills utilized in industrial relations practice. Content and character of industrial awards and agreements: preparation of logs of claims; industrial advocacy; tactics and techniques of negotiating and bargaining; data sources for wage, employment, productivity and other material important in industrial relations practice; and conciliation and arbitration procedures.

### 30.575 Industrial Relations Research Methodology

S2 L2T1

*Commerce/Arts prerequisite: 30.526 or 30.529. Excluded: 30.539.*

A range of principles, procedures, techniques and data sources used for research in the field of industrial relations.

**30.576 Labour History****S2 L2T1***Commerce prerequisite:* 30.525 or 30.528.*Arts prerequisite:* Any four Level 1 subjects totalling 24 credit points.

This subject may be offered in alternate years only.

The evolution of working class life in Australia from the arrival of the convicts to the present day, emphasizing the growth of trade unions, political parties and state regulation of the labour market. The development of class consciousness, segmentation of the labour market and changes in work processes and workers' control of production. The impact of immigration, technological change and the role of women in paid employment.

**30.589 Industrial Law****S1 L2T1***Commerce/Arts prerequisite:* 30.511.

Nature and purposes of the legal system and industrial law, the law concerning the contract of employment. Trade unions. Industrial law powers of Government. The Commonwealth Conciliation and Arbitration Systems, awards, penal sanctions for industrial law, industrial torts, topics and issues of importance in the industrial law field.

**30.597 Thesis (Industrial Relations)**

*Note:* Students are expected to do a substantial amount of work on their thesis before the commencement of the academic year. They must have a topic approved by the Head of the Department of Industrial Relations before the end of the August Recess in the year preceding their entry into Year IV.

**30.598 Industrial Relations Seminar****30.599 Research Methods and Thesis Workshop****Servicing Subjects**

These are subjects taught within courses offered by other faculties.

For further information regarding the following subject see the Faculty of Arts Handbook.

**30.580 Industrial Relations 4 (Honours)****F 6CCH**

*Prerequisites:* A total of 50 credit points in respect of 30.511, 30.528, 30.529, 30.538, 30.539, 30.555 plus one other subject approved by the Head, School of Industrial Relations and Organizational Behaviour. *Excluded:* 30.541, 30.545, 30.546, 30.547, 30.548, 30.549.

For students in the Industrial Relations Honours program. A thesis and four of six segments, from: **1.** Comparative Industrial Relations: Developed Countries; **2.** Industrial Relations Case Studies A, and **3.** Industrial Relations Project Seminar A, offered in Session 1, and in Session 2; **4.** Comparative Industrial Relations: Less Developed Countries; **5.** Industrial Relations Case Studies B, and **6.** Industrial Relations Project Seminar B.

**Department of Economic History****15.101H Australia in the International Economy in the 20th Century****S1 or S2 L2T1½***Prerequisite:*

	HSC minimum mark required
2 unit English (General) or	60
2 unit English or	53
3 unit English	1

The international economy at the end of the 19th century: trade, factor flows, and payment arrangement. Problems of the international economy between the wars. The impact of World War II and the international economy in the post-war era. Australian economic development and its relationship with the international economy; economic fluctuations; problems of the inter-war period; growth of manufacturing; government policy and action; the importance of the mining industry; economic development and the distribution of income and wealth.

**15.102H Australia and the Asia-Pacific****Economies: Historical Perspectives S2 L2T1½***Prerequisite:* 15.102E.

Australia's economic relations with the countries of Asia and the Western Pacific since the 19th century, with particular emphasis on the period since the Second World War. Topics include: capital and trade flows, labour and immigration issues; the changing political structures; Australian colonial rule and economic development in Papua and New Guinea; the rise to economic power of Japan and its relations with Australia before the Second World War; resurgence of Japan in the 1950s and its dominance of Australia's trade; future relations with Japan; the emergence of the 'newly industrialising nations' in Asia and their impact on Australia; the ASEAN group's 'special relationship' with Australia; Sino-Australian economic relations; trans-Tasman economic integration; Australia's perceptions of Asia and the Pacific and obstacles to greater economic integration.

**15.201H Management and Business Development****S1 L2T1***Prerequisite:* 15.102E. *Excluded:* 15.902.

Origins, evolution and attributes of modern business enterprise in Australia, Europe, America and Japan; strategy, structure and corporate performance; the economics of organization and the organization of work; theory and analysis of multinationals; integration, diversification and the marketing function; managerial hierarchies; decision management and decision control; entrepreneurship; public policy, social responsibility and the external business environment.

**15.202H Industrial America****S2 L2T1***Commerce prerequisite: 15.102E.**Arts prerequisite: Any four Level I Arts subjects totalling 24 credit points.*

Not offered in 1989.

Agrarian protest movements; industrial concentration and combination; American business leaders in the late 19th century; the American standard of living prior to the First World War. Immigration and the development of unionism 1890-1950. Problems of 20th century agriculture; the 1920s; cause of, and responses to, the Great Depression; demographic changes since 1880; role of the Negro in American economic life; the concept of an American 'working class'. Business interests and war; government interventionism; and the American 'welfare state'.

**15.203H Economic Change in Modern China 1700-1949****S1 L2T1***Commerce prerequisite: 15.102E.**Arts prerequisite: Any four Level I Arts subjects totalling 24 credit points.*

Evolution of the pre-industrial Chinese economy and an examination of its significant characteristics; agricultural development, population growth, the family farm, marketing and commercialization, distribution of wealth and income, and the role of the state. Interaction of indigenous forces of change and the impact of imperialism in transforming the Chinese economy in the late 19th and early 20th centuries. Emergence of alternative strategies, forces, and ideologies for national economic development in the 20th century with a close examination of the performance of the nationalist government during the Nanking decade 1927-1937 and the reasons for its failure and of the Communist government during the Yenan decade 1935-1945 and the reasons for its success.

**15.204H Economic Transformation in the People's Republic of China****S2 L2T1***Commerce prerequisite: 15.102E.**Arts prerequisite: Any four Level I Arts subjects totalling 24 credit points.*

The Chinese people's struggle to build socialism since 1949. Rehabilitation of the devastated economy, early socialist transformation of agriculture and industry, competing demands of ideology, political control and economic construction, and the rejection of the Soviet model. Evolution of a Chinese development model in the course of the Great Leap Forward, readjustment and recovery in the Post-Leap Collapse, the Great Proletarian Cultural Revolution, and the New Long March towards the Four Modernizations in the post-Mao era. Examination of changing priorities, exemplars, and strategies. Assessment of recent performance and emerging problems. Prospects for Australia in China's economic future.

**15.205H Modern Asian Economic History****S1 L2T1***Prerequisites: 15.101E and 15.102E.*

The contrasting histories of Asian economies in the modern period. Four major areas are considered — Japan, China, India and Indonesia. The nature of the Asian economies and the impact of the West prior to 1949; the history of planning in the four nations since the Second World War. Four specific themes: the impact of Japanese development on Asia; economic planning and

policy in China; problems of the modern Indian economies; and planning for scientific and technological development in modern Asia.

**15.206H American Economic and Social Development before the Civil War****S1 L2T1***Commerce prerequisite: 15.102E.**Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points.*

Not offered in 1989.

Economic and social life in Colonial America: land, labour and capital. Impact of the American Revolution and an economic interpretation of the Constitution. Growth of regional differences in the USA: analysis of the slave plantation economy in the South; development of manufacturing enterprises in the North-East; and influence of the migration West upon American growth. Role of the State in stimulating economic development; innovations in transportation and in manufacturing production; and response of the American worker in industrialization.

**15.207H Capitalism and Slavery****S1 L2T1***Commerce prerequisite: 15.102E.**Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points.*

Development of British capitalism in the 17th and 18th centuries; roots of British imperialism; joint stock companies and expansion in Asia; origins of African slavery; development of the Atlantic slave trade; consequences for Africa; the West India interest; Caribbean and American slave economies and societies; value of slavery to Britain; abolition of the slave trade and slavery; consequences of abolition.

**15.208H British Imperialism in the 19th and 20th Centuries****S2 L2T1***Commerce prerequisite: 15.102E.**Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points.*

Theories of imperialism; informal empire mid-19th century; imperial rivalry and the scramble for Africa; the nature of British colonial rule in the 20th century and comparisons with that of other imperial powers; racism and cultural imperialism; the impact of the Second World War and changes in the international economy after 1945; national liberation struggles and formal decolonization; imperialism without colonies.

**15.209H Modern Capitalism: Crisis and Maturity****S1 L2T1***Commerce prerequisite: 15.102E.**Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points.*

Comparative economic and social development in Britain, America and Western Europe from the 1920s including the 30s depression, war and post-1945 growth; poverty and income and wealth distribution; monopoly capitalism and multinational firms; economic and political dimensions; socialism, capitalism and the welfare state; changing role of the trade union movement; stagflation and current economic and social problems.

**15.211H German Economy and Society since 1850**

**S2 L2T1**

*Commerce prerequisite: 15.102E.*

*Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points.*

Origins, course and consequences of modern industrialization in Germany; the state and the industrial revolution; banking, industry and the emergence of finance capitalism, cartels and vertical integration; agriculture in an industrializing economy and society; imperialism and the origins of the First World War; hyperinflation and reparations in the 1920s; the impact of the Great Depression 1929-33; the Nazi economic recovery and social change; the German war economy and allied occupation; the economic and social development of East and West Germany since 1945.

**15.212H The Industrial Revolution**

**S1 L2T1**

*Prerequisite: 15.102E.*

Industrialization as a process of structural change; the pre-industrial economy and society; estimates and sources of growth (agriculture, traditional and modern sectors); demographic factors; intersectoral productivity differentials and the efficiency of labour and capital markets; migration and urbanization; trade, Empire and war in relation to growth; capitalism and inequality; the uniqueness of British industrialization; legacies of the early start.

**15.213H Australian Economic Development in the 20th Century**

**S2 L2T1**

*Prerequisite: 15.201E or 15.221E.*

Development of the Australian economy from the Long Boom and the Depression of the 1890s to the present day. Australian economic development and its main features: economic fluctuations and their consequences, especially the Depression of the 1930s; rise of Australian economic institutions; changes in the philosophy of development and the role of government; migration and the inflow of foreign capital; development strategies of the States; impact of war; growth of manufacturing and industry policy; development of the services sector; problems of the agrarian economy; changes in the standard of living. Australia's changing economic relations with other countries and the world economy. Economic problems in the later 20th century in historical perspective.

**15.214H Economic History of the Soviet Union**

**S1 L2T1**

*Commerce prerequisite: 15.102E.*

*Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points.*

The background to the October Revolution (1917); War Communism (1918-1921); New Economic Policy and the Industrialization Debate (1921-1928); the collectivization of agriculture and forced industrialization (1928-1940); the Soviet Union in the Second World War; the historical assessment of Stalin and the Soviet situation in 1953; economic reforms and industrial development since 1953; the agricultural problem and agricultural development; markets in the Soviet Union; the nature of the Soviet Union (socialist, state, capitalist, convergence and divergence); the Soviet model and alternatives (Eastern Europe, China and Cuba).

**15.215H The Economic History of Urbanization**

**S2 L2T1**

*Commerce prerequisite: 15.102E.*

*Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points.*

Growth of cities during the last two centuries in Britain, North America and Australia. Economic, social and institutional structures; networks and interrelations between urban centres; capital labour; residential patterns and mobility; political control. Theories of metropolis are tested, with particular reference to London, Chicago and Melbourne.

**15.242H Origins of Modern Economics**

**S1 L2T1**

*For students who first enrolled before 1989 —*

*Commerce prerequisites: 15.901.*

*Arts prerequisite: Any four Level I Arts subjects totalling 24 credit points.*

Development of classical economic thought from its scholastic origins to the writings of John Stuart Mill. Contributions to economic analysis and policy of David Hume, Adam Smith, Quesnay, Ricardo, Malthus, Senior and Mill. Impact of classical economics on later developments in economic thinking as well as on the economic policy of some countries.

**15.244H Economic Thought from Marx to Keynes**

**S2 L2T1**

*For students who first enrolled before 1989 —*

*Commerce prerequisites: 15.901.*

*Arts prerequisites: Any four Level I Arts subjects totalling 24 credit points plus one of 15.906, 15.011 or 15.912.*

Economic thought from Marx to Keynes with emphasis on the main personalities, the intellectual and social climate of the period, and the lasting impact of the world of Marx, Jevons, Walras, Menger, Wieser, Bohm-Bawerk, Pareto, Marshall, Wicksell, Pigou and Keynes on the future development of the discipline.

**15.301H The History of Economic Analysis**

**S1 L2T1**

*Prerequisites: 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.*

This subject traces the evolution of modern economics from the works of the Classical School and the contribution of Smith, Malthus and Ricardo through the later development of their ideas by J.S. Mill and Marx. The contributions of the early neoclassical — Jevons, Menger, Walras and Marshall — are assessed. The further development of the ideas by Bohm-Bawerk, Pareto, Wicksell, Edgeworth and Pigou will be examined, leading to a discussion of Keynes and later contributions. The emphasis of the subject will be on the development of analysis as the response to empirical and theoretical problems and the issue of the day. Related to this, the subject will examine how economic ideas are developed and in time may lose some of their influence.

**15.302H Classics of Economic Thought**

**S2 L2T1**

*Prerequisite: 15.201E or 15.221E, 15.202E or 15.222E, and 15.203M.*

In-depth reading of some great classics of economic analysis. The list will vary, but there will be at least one Classical and Neoclassical work. The subject will be concerned with examining the theoretical developments and influences of the works being examined.

**15.303H Transformation of the Japanese Economy****S2 L2T1***Commerce prerequisite:* 15.102E.*Arts prerequisites:* Any four Level I Arts subjects totalling 24 credit points.

Growth and sectoral change in the Tokugawa economy; cities, handicrafts and population. The low-level equilibrium trap. Dynamics of the Meiji Restoration, government, trade, development. The interpretation of 'relative backwardness', 1880-1914. Classical models and capitalist development. The economic history of political change during the inter-war years. Capitalism and colonies. 'Economic miracle' and structural change; exports, the yen and the international economy.

**15.304H Australian Economic Development in the 19th Century****S1 L2T1***Commerce prerequisite:* 15.102E.*Arts prerequisites:* Any four Level I Arts subjects totalling 24 credit points.*Excluded:* 15.324H.

Basic features of the growth of the colonial economies up to Federation. Areas of special attention include: consequences of the European conquest of the South Pacific and South-East Asia; growth of trade, production, of capital and labour markets; effects of the Gold Rushes and the Long Boom; causes and effects of major economic fluctuations; class structure; demographic change; and regional difference. Australia's relationship with the international economy, and some longer-run consequences of growth in this period.

**15.305H Modern Australian Capitalism****S2 L2T1***Commerce prerequisite:* 15.304H.*Arts prerequisite:* Any four Level I Arts subjects totalling 24 credit points. *Excluded:* 15.325H.

Analysis of the major features of the Australian economy in the 20th century. Interpretation of movements in the trade cycle; the path of growth; the open economy; dependency; structural adjustment; capital formation; labour markets; and distribution. Analysis of the process of transformation of economic policy, its outcomes and change in an historical framework from 1901 to the present day.

**15.306H Comparative Economic Systems in Historical Perspective****SS L2T1***Prerequisite:* 15.201E or 15.221E.

Comparative study of the economic history of selected nations. Similarities and contrasts in their experience of economic change and development. Variations in patterns or characteristics of industrial revolution, institutional change and social development. The use of formal models in comparative history and in the exploration of the notions of proto-industrialization, institutional context, industrial revolution and economic modernisation.

**15.307H Multinationals: Theory and History****SS L2T1***Prerequisites:* 15.102E. *Co-requisite:* 15.201E or 15.221E.

The origin, evolution and attributes of international firms; growth patterns of American, European, Japanese and Australian transnationals; their structure, management and performance; gener-

al theories of the multinational enterprise, home and host country impacts of foreign direct investment; technology transfer; government, public policy and the multinationals, selected studies of investment in Asia and the Pacific; recent trends in international business.

**15.324H Australian Economic Development in the 19th Century (Advanced)****S1 L2T1***Commerce prerequisite:* 15.102E*Arts prerequisites:* Any two of 15.101H, 15.102H, 15.103H and 15.104H at Credit level or better.*Excluded:* 15.304H

As for 15.304H with additional work.

**15.325H Modern Australian Capitalism (Advanced)****S2 L2T1***Commerce/Arts prerequisite:* 15.324H*Excluded:* 15.305H

As for 15.305H with additional work.

**15.421H Economic History 4 Honours****F***Commerce prerequisite:* 15.325H.*Arts prerequisites:* 15.325H and 15.102E.**1. The International Economy since 1850****S1 L2T1**

Delineation and analysis of the main changes in the international economy since 1850. The migration of capital and labour, changes in the composition and pattern of international trade; international monetary arrangements; barriers to trade and efforts to reduce them; the effects of war on international economic relations; the emergence of economic regionalism; the North-South Dialogue; the rise of the Pacific Rim economies; the Socialist World and the international economy.

**2. Approaches to Economic and Social History****S1 L2T1**

The perspectives, themes and tools involved in the study of modern economic and social history. Shows that the historian concentrates upon particular problems and methods of analysis which define the subject of history as a discipline in its own right. One function of the course is to provide a degree of unity to the varied knowledge gained by students in other economic history courses; another is to allow students to come to grips with important problems of a general nature.

**3. Aspects of Australian Economic Developments****S2 L2T1**

Advanced topics in Australian economic development.

**4. Seminar in Research Methods****S2 T3****5. Thesis**

Honours students in their final year are required to prepare a thesis of not more than 20,000 words which must be submitted before the final examinations in November. The thesis topic must be approved by the Head of the Department of Economic History before the end of the August recess in the year preceding the candidate's entry into the 7th and 8th sessions of study.

## Servicing Subjects

These are subjects taught within courses offered by other faculties. For further information regarding the following subjects see the Faculty of Arts Handbook.

### 15.103H Pre-Industrial Europe

S1 L2T1

Arts prerequisite:

HSC minimum mark required	
2 unit English (General) or	60
2 unit English or	53
3 unit English	1

The economic and social development of Europe to 1800. Topics include: feudal economy and society in the Middle Ages; slavery, serfdom and wage-labour; demographic change and the Black Death; the growth of towns, trade and industry; the nature and function of marriage and the family; religion and the rise of capitalism; the overseas expansion of Europe from 1500 and the establishment of empires; the relative decline of eastern and southern Europe; the origins of the industrial revolution in England.

Note: This subject may be counted towards a major sequence in history in the School of Spanish and Latin American Studies.

### 15.104H The Industrialisation of the Modern World

S2 L2T1

Arts prerequisite:

HSC minimum mark required	
2 unit English (General) or	60
2 unit English or	53
3 unit English	1

Centring upon the years since 1800, traces the history of industrialisation from the emergence of the British economy, through the industrialisation of European nations to the industrial transformation of Asia and the rest of the world. The core concern is with the process of structural change during early industrialisation and the impact upon this of forces exogenous to national economies, for example: foreign trade, external organizational influence (foreign banking, transnational companies), technology transfers, human migration and foreign investment. The subject utilises ideas developed by economists and historians working in the area of economic development and structural change.

### 15.210H The Rise and Decline of Britain

S2 L2T1

Prerequisite: Any four Level I Arts subjects totalling 24 credit points.

The Industrial Revolution, mid-Victorian dominance and the decline of the British economy; why capitalism bred inequality; Britain as workshop of the world; the loss of industrial, trade and financial leadership; the 'British Disease' and de-industrialisation after 1945; science, education and the waning of the industrial spirit; managerial failure, unions and industrial decline; Empire and decolonisation; class structure, social protest and urban unrest, 1750-1988; war depression and the ruin of the regions; government policy; the Thatcher years.

### 15.245H The Development of Modern Europe S2 L2T1

Arts prerequisite:

HSC minimum mark required	
2 unit English (General) or	60
2 unit English or	53
3 unit English	1

The economic and social development of Europe from the Industrial Revolution to the present. The international economy and the transfer of industrialisation in the late 19th century; economic development in Europe; colonialism and the spirit of capitalism: the international labour movement; the economic origins and impact of two world wars; prosperity and depression in the inter-war years; Communism and Capitalism; boom; the growth of Europe's mixed economies 1945-70. The Bretton Woods system and the end of the long boom.

## School of Geography

Geography is the study of variations from place on the earth's surface arising from the spatial relationships of the phenomena which make up the world of humanity. Particular emphasis in human geography is placed on the spatial organization of human activities, especially within urban systems.

### 27.713 Marketing Geography

S2 L2T2

Prerequisite: 28.042.

Organization and operation of the marketing function and trends in its performance. Merchandising strategies of wholesalers and retailers and the consequent location patterns of consumer oriented enterprises within cities. Retail feasibility studies and the structure and analysis of market areas in intra-urban areas. Consumer spatial behaviour, including search and decision processes. Shopping centre images and spatial choice models.

## School of Marketing

### 28.001 Managing New Service Products S1 or S2 4CCH

Prerequisites: 28.022, 28.073.

Not offered in 1989.

The need for new service products in the hospitality sector. What constitutes a new product. The new product development process. Use of research methodologies. Economic analysis of new service concepts. Use of computer modelling procedures. Practical examples from Australian experience.

### 28.002 Resort Management

S2 4CCH

Prerequisite: 28.013.

Not offered in 1989.

Strategic and operational issues in resort management. Market positioning; growth strategies; organization; information systems design; staffing needs; management style. Examples from Australian resort industry.

**28.003 Communication Strategy in the Hospitality Industry****S2 4CCH***Prerequisites:* 28.013, 28.042.

Not offered in 1989.

Communication strategy as a component of overall marketing in the hospitality industry. Setting communication goals; assessing the context in which communication will occur; selection of target audience; choice of communication, channel and message; measuring effect; evaluation. Examples from resorts and hotel sectors in Australia.

**28.004 Economics of Tourism****S1 4CCH***Prerequisites:* 15.101E, 15.102E

Not offered in 1989.

Macro and micro economic environments. Factors affecting international and domestic tourism. Tourism forecasting models. Economic analysis of projects. Cost/benefit and related procedures. Implications of tourism developments for the community in general.

**28.009 Financial Management and Operational Control In the Hospitality Industry****S1 4CCH***Prerequisites:* 14.501, 14.511 and satisfactory completion of studies in the TAFE sector.

Not offered in 1989.

Financial ratio analysis; workers, capital and cash budgeting; current and capital asset management; financing methods; cash flow management; valuation methods; feasibility studies; franchising and leasing. Budgeting; purchasing and receiving contracts; issuing, storage, producing and serving controls; labour cost controls and their implementation; sales income control and theft prevention. Course will include a control project report and feasibility valuation report.

**28.010 Legal Aspects of Tourism****S2 4CCH***Prerequisite:* Satisfactory completion of studies in the TAFE sector.

Not offered in 1989.

National and international laws relating to tourism. Legal environment of facilities, agents, operators. Interaction of community and developer needs. Consumer rights. Implication of national, local regulations governing sale and supply of hospitality services, including food.

**28.011 Human Resource Management****S2 4CCH***Prerequisite:* Nil

Not offered in 1989.

Context of working in Australia. Contemporary management thinking. Issues in managing people — problem solving, leadership, power, communications. Managing in an organization — group dynamics and supervision, setting goals and performance appraisal, developing individual and organizational resources, career planning.

**28.012 Marketing Systems****S1 L2T2***Prerequisite:* Nil.

Conceptual introduction to marketing from the systems viewpoint. Evolution and characteristics of marketing systems, buyer behaviour, marketing channel flows (equalizing supply and demand, communication, ownership, finance, physical distribution), marketing activities in the firm (planning and marketing program, coordination and control of marketing activities, problem solving, product planning, promotion and pricing, physical distribution management), resources allocation by competition, the expanding role of government, social performance of marketing and social efficiency of marketing.

**28.013 Hospitality Management 1****S1 4CCH***Prerequisite:* 28.009.

Not offered in 1989.

A case based approach to operational and strategic issues in hospitality management. Includes managing the customer mix, and demand levels; the delivery of accommodation, food and related services; planning, organizing and implementing marketing effort. Courses will be drawn from the hotel, restaurant and resort sectors, where possible directly from Australian experience. Industry ethics. Course will include the planning, implementation and appraisal of a major field study oriented to a specific hospitality operation.

**28.014 Hospitality Management 2****S2 4CCH***Prerequisite:* 28.013.

Not offered in 1989.

Design and layout/fit out. A detailed case study will be required in which each student will develop the detailed plans and specifications needed for a restaurant or similar operation. Plans will include critical path charts, cost and income analysis, a five year marketing plan and budget.

**28.022 Marketing Models****S1 L2T2***Prerequisites:* 28.012 and 28.052.

Use of quantitative analysis in marketing decision-making in business situations. The derivative (pricing for profit maximization, inventory policy for cost minimization); linear programming (designing programs to maximise profits); techniques of planning (product launch using PERT); probability (competitive bidding theory); market decision-making under conditions of uncertainty; assignment algorithm (allocation of salesmen to territories); physical distribution (total system costing, etc.). Provides students with the opportunity to develop their ability to apply quantitative methods to practical marketing problems.

**28.032 Consumer Behaviour A****S1 L2T2***Prerequisite:* Nil.

Major concepts, research and applications from the study of behavioural sciences as applied to human behaviour in the marketplace. The nature and scope of the behavioural sciences; purchase behaviour; the perception and learning of brands; personality theory and applications to advertising; cognition and memory; involvement and decision making by consumers; behavioural methodologies for consumer analysis.

**28.042 Consumer Behaviour B**

**S2 L2T2**

*Prerequisite:* 28.032.

Attitudes and motivation; the structure of consumer aggregates; interpersonal and mass media communications; groups, the family, social class and institutions in society; human values and culture; organizational buying behaviour; consumerism. Students undertake a major field research project.

**28.052 Marketing Research**

**S2 L2T2**

*Prerequisite:* 15.421 or approved substitute.

Sources and types of marketing information. Design, conduct, analysis and reporting of market surveys and experiments. Technique of statistical inference.

**28.063 Promotions Management**

**S2 L2T2**

*Prerequisite:* 28.012 and 28.042.

Behavioural and communication factors influencing the effectiveness of promotion, especially advertising research into media and messages. The management of promotion.

**28.073 Strategic Marketing**

**S1 L2T2**

*Prerequisites:* 28.012 and 28.052.

Conceptual framework relevant to the practice of marketing management for the further development of an integrative understanding of the market function. Important extensions and limitations of customer orientation and the emergence of a broader concept of marketing; stages of development of a marketing operation, the central role of innovation in opportunity management and the concept of control; importance of product life cycle concept to the formulation of marketing strategy; relationships between corporate and marketing strategy; marketing strategy, future analysis and scenario construction.

**28.083 Managerial Marketing**

**S2 L2T2**

*Prerequisite:* 28.073.

Application of theoretical marketing concepts developed in 'Strategic Marketing' and quantitative techniques developed in 'Marketing Models'. Based on the planning, implementation and appraisal of a major field study.

**28.093 Marketing Information Management**

**S2 L2T2**

*Prerequisites:* 28.022 and 28.073.

Design and use of marketing information systems. The role of marketing research. Development and implementation of marketing plans.

**28.143 Marketing Research (Honours)**

**S2 T2**

*Admission with approval of Head of School.*

Relationship between theory and research. Treatment in depth of research formulation and the use of survey data. Introduction to experimentation.

**28.203 Seminar in Marketing Theory 1**

**S1 or S2 T4**

*Prerequisite:* 28.143.

As for 28.926G.

**28.204 Thesis**

**28.205 Methods of Marketing Research**

**S1 or S2 T4**

*Prerequisite:* 28.143.

As for 28.927G.

**28.206 Seminar in Marketing A**

**S1 or S2 T4**

*Prerequisites:* 28.012, 28.042 and 28.052.

Issues in current marketing and practice. Industrial marketing. Marketing distribution systems. The market environment. Product management.

**28.207 Seminar in Marketing B**

**S1 or S2 T4**

*Prerequisites:* 28.012, 28.042 and 28.052.

Aspects of one or more of the following areas—marketing in economic development, physical distribution management, retailing strategy and operations, advertising theory and practice, mathematical model building in marketing.

**28.208 Channels of Distribution**

**S1 or S2 T4**

*Prerequisites:* 28.012 and 28.022 and 28.042.

1. Channels of distribution as sub-systems of the marketing system of a society. Economic and behavioural theories are used to explain the structure and functioning of distribution channels. 2. Channels of distribution as an element of a firm's marketing strategy. Ideas developed in 1. are used to understand how individual firms (and households) seek to achieve their objectives through the management of the channels of distribution for their products and services.

**28.209 Buyer Behaviour**

**S1 or S2 T4**

*Prerequisite:* 28.143.

As for 28.901G. See **Graduate Study: Subject Descriptions**.

**28.811 Japanese A**

**S1 L2T3**

*Pre-requisite:* 15.811

Core language subjects designed for students who have acquired a sound knowledge of basic Japanese. Consolidates oral/aural skills and builds and develops reading/writing skills.

**28.812 Japanese B**

**S2 L2T3**

*Prerequisite:* 28.811

Core language subjects designed for students who have acquired a sound knowledge of basic Japanese. Consolidates oral/aural skills and builds and develops reading/writing skills.



## Law

### 90.101 Litigation

F Hpw4 C6

The rules of civil and criminal procedure and evidence and their respective functions. *Topics:* selected problems in pre-trial civil procedure, including commencement of proceedings, pleadings, exchange of information, attempts at settlement and amendments; pre-trial criminal procedure, including arrest, warrants, search and seizure, police interrogation and confessions, bail, and informations and indictments; the trial process with some procedurally oriented problems of evidence, such as the rules relating to the examination of witnesses, obtaining and disclosure of information, the burdens of proof, and presumptions; the major exclusionary and other principles of evidence, including some analysis of the philosophy of proof and probability theory; and problems associated with finality, enforcement of judgments, and appeals.

### 90.112 Legal System—Torts

F Hpw4 C6

*The legal significance of the arrival of the British in Australia; the principal institutions of the legal system, particularly the courts, the legislature, and the executive arms of government; the judiciary, the legal profession; their history, roles, interrelationships, operation and techniques; general constitutional principles and institutions; the notion and consequences of federalism; Bill of Rights proposals; precedent and statutory interpretation, practice and theory; sources of Australian law, including the past and present status of Aboriginal customary law; origins of the common law; classifications within the common law; jurisdiction of Australian courts; the development of compensation law, with particular reference to workers' compensation and occupational health and safety; modern statutory compensation schemes; the rules and concepts of the law of torts, their origins, growth, operation and limitations; tort law protection from assault, injury and death; negligence; interests in another's life and services; false and misleading statements affecting economic interests; loss distribution; employers' liability; occupiers' liability; causation; remoteness of damage; product liability; interference with interest in land; interference with personal liberty. Some of these topics are dealt with in outline only.*

### 90.141 Contracts

F Hpw4 C6

The legal protection given to those who enter into promissory arrangements, eg those cases which explain mutual intention and consideration, both of which are necessary for the formation of an enforceable contract, the interpretation of contract terms and conditions, the effect of changed circumstances, misrepresentation, illegality, privity and discharge. Remedies which the law provides for breach of contract. Readings provided which encourage students to examine the role of contract law in society from an historical and contemporary standpoint.

### 90.161 Criminal Law

F Hpw4 C6

The principles of criminal law and criminal liability. Aims to: promote and refine research and social policy analysis skills; develop a rigorous analytic and socially oriented approach to the study of criminal law; investigate the factors that constitute concepts

like *crime, criminal and criminal law*, question traditional approaches which assume a unified set of general principles and to suggest an approach to criminal law as a number of diverse fields of regulation; acknowledge the importance of forms of regulation outside the criminal law; examine empirical material on the actual operation of the N.S.W criminal process such as court statistics and a court observation exercise; examine the substantive rules developed in selected criminal offence areas; stress the importance and relevance of criminal law in an understanding of law, even (and especially) for those who do not intend to practice in the area. Topics include: the phenomenon of crime, the criminal process, criminal responsibility, homicide offences, summary offences, drug offences, offences against the person, offences against property, general defences, complicity, conspiracy, motor traffic offences.

### 90.215 Federal Constitutional Law

S1 S2 Hpw4 C3

Federal constitutional law, stressing the legislative and judicial powers of the Commonwealth and the judicial interpretation by the High Court of the extent of those powers, in particular: trade and commerce, external affairs, corporations, appropriation, grants and taxation powers, family law and industrial law powers, inconsistency of Commonwealth and State laws, freedom of interstate trade and commerce, excise and implied limitations on Commonwealth and State powers. Techniques and approaches adopted by the High Court in interpreting the Australian Constitution, and occasionally, federal executive power.

Further study of constitutional law may be undertaken in 90.210 The High Court of Australia.

### 90.216 Administrative Law

S1 S2 Hpw4 C3

Principles and procedures for review of administrative action. *Topics:* relations between different agencies of government (legislative, administrative, judicial); delegated legislation; judicial power; the Ombudsman: the Administrative Appeals Tribunal; principles of judicial review (denial of natural justice, going beyond power, error of law); procedures for judicial review; the Administrative Decisions (Judicial Review) Act, 1977 (Cth.).

### 90.301 Property and Equity

F Hpw4 C6

The basic principles of the law of property, transcending the traditional boundaries of real and personal property. For reasons of time and convenience, most topics are those usually considered under the rubric of 'real property'.

Enquiry into the meaning of the concepts of property and the purposes that are or ought to be fulfilled by the law of property. Some of the traditional concepts and classifications adopted by the common law in the content of the study of fixtures. The impact of the Commonwealth Constitution upon the law of property. *Topics:* possession as a proprietary interest in land and goods; some basic concepts such as seisin and title; the fragmentation of proprietary interests, including the doctrines of tenure and estates, an introduction to future interests; the development of legal and equitable interests, including a comparative treatment of their nature, extent and sphere of enforceability and an introduction to trusts; legal and equitable remedies;

the statutory regulation of proprietary interests in land, including an examination of the Torrens and deeds registration systems; co-ownership; an introduction to security interests; the acquisition of proprietary interests; the alienability of interests including trusts for sale; commercial transactions involving leasehold estates in land and bailment of goods; private planning in relation to land by means of easements and restrictive covenants.

#### 90.621 Law, Lawyers and Society S1 S2 Hpw4 C3

1. The lawyer-client relationship, including who exercises control and the lawyers' duties to accept work, to keep client confidences, to act competently and to avoid conflicts of interest; the social implications of lawyers' professional behaviour. 2. The adversary system of litigation and the lawyers' role therein, both generally and specifically as defence counsel and as prosecutor in criminal cases. 3. The structure of the profession and methods of regulation including discussion of the concept of professionalism, control of admission, discipline generally and conduct in court specifically; selection and control of the judiciary. 4. Issues relating to the delivery of legal services, including advertising and solicitation by lawyers, specialization in lawyers' practice, the structure and availability of legal aid, the regulation of lawyers' fees, the extent of the lawyers' monopoly and the role of non-lawyers in delivering legal services.

#### 90.741 Legal Research and Writing 1 F Hpw2 C2

The literature, both legal and non-legal, relevant to the law in Australia. The contents of a law library, how it works and is ordered and how lawyers go about using it to find the law. Practice in handling the principal legal materials in the law library, notably law reports, collections of statutes, digests and material on law reform. An introduction to the use of computerized legal research methods. The methods and objectives of legal and empirical research and a guide to and practice in legal writing.

An introduction to case analysis and statutory interpretation.

#### 90.742 Legal Research and Writing 2 S1 S2 Hpw2 C1

A revision of legal research skills acquired in 90.741 Legal Research and Writing 1, particularly the use of Australian digests, law reform materials and indexes to legal periodicals. Practice in ascertaining delegated legislation, in using English, Commonwealth and US digests and in tracing recent amendments to case-law, statutes and regulations. Further instruction on the use of computers for retrieval of legal materials, and for manipulating legal texts.

#### 90.743 Research Component

This subject must be taken either concurrently with or after 90.742 Legal Research and Writing 2, but students are advised where possible to complete Legal Research and Writing 2 first so that they have a command of the relevant research techniques. Students are required to write an essay or present an argument in

a moot, on the basis that their performance in conducting research carefully and thoroughly for the essay or moot is assessed by the subject teacher on a pass-fail basis. This assessment of the quality of the research will be made in addition to a separate assessment, in the normal fashion, of the standard of an essay or moot performance for the purposes of awarding a mark in the subject as a whole. The subject to which this requirement applies will be chosen by the student, and all subjects offered in the Law School are *prima facie* available to Research Component students for this purpose. Where for compelling reason no provision for a suitable essay or moot is or can be made in the program of assessment of a particular subject, the teacher of that subject may ask the student to select another subject. There is no formal teaching in 90.743 Research Component and no credit points are awarded for it. It is compulsory for all students except those taking any one or more of the Research Thesis electives (90.651, 90.652, 90.653).

#### 90.832 Legal Theory S1 S2 Hpw4 C3

Introduction to theoretical questions which underline the practical workings of the law. Three different though overlapping questions are addressed: questions about the nature and character of judging; questions about the nature of law; moral and evaluative questions about the operations of law in general, and about particular legal activities. *Topics:* the character and aims of legal theory; the nature of adjudication and its significance for an understanding of law; Legal Positivists' and Natural Lawyers' accounts of the nature of law and the relationship of law to morals; evaluation of punishment, laws designed to redistribute social goods and other areas of legal intervention into social life.

#### 90.882 Law and Social Theory S1 S2 Hpw4 C3

Examination of common assumptions about law, about society, and about the relationships between law, legal institutions and social ordering. The nature of social ordering and the place of law in that ordering, the extent to which different areas of law contain implicit social theories, and the importance which social theorists have attached to law in their explanations of social structure and social change. *First section:* Common assumptions about the nature and social role of law are discussed in the light of the work of writers in the law and society movement. *Second section:* The rule of law is considered as a general rationale of law and in the context of selected areas of law: contract, crime and administrative law. *Third section:* The work of major social theorists (Marx, Weber, Durkheim and Foucault) and the implications of their work for law are discussed.

90.832 and 90.882 form part of the compulsory core of the LLB and BJuris degree courses with respect to students who entered the Faculty in 1981 or later. Students are required to take one of these two subjects to fulfil compulsory requirements and are permitted to take the other as an elective. For intakes earlier than 1981, it is an elective only.

#### Electives

All Commerce/Law students must also complete Law Electives sufficient to comply with **Rule 7. (1) (a)** of the Rules Applicable to Candidates for the Degrees of Bachelor of Laws and Bachelor of Jurisprudence (see **Rules for Award of Degrees** in the Faculty of Law Handbook).

The list of electives available is:

	Credit Points
90.102 Trial Process	3
90.103 Remedies	3
90.145 Advanced Studies in Torts	3
90.148 Advanced Criminal Law	3
90.151 Family Law	3
90.155 Law and Gender	3
90.162 Families and Finances	3
90.163 Children and the Law	3
90.172 Criminology	3
90.173 The Criminal Justice System	3
90.174 Penology	3
90.181 Law and Medicine	3
90.210 The High Court of Australia	3
90.221 Advanced Administrative Law	3
90.223 Communications Law	3
90.224 Mining Law	3
90.242 Local Government Law	3
90.262 Human Rights Law	3
90.270 The Law, Procedures and Practice of Parliament	3
90.302 Advanced Property and Equity	3
90.303 Trusts	3
90.305 Succession	3
90.321 Conveyancing and Land Transactions	3
90.341 Environmental Law	3
90.401 Business Associations 1	3
90.402 Business Associations 2	3
90.403 The Modern Corporation	3
90.424 Industrial and Intellectual Property	3
90.426 Regulation of Economic Activity	3
90.434 Trade Practices	3
90.435 Insurance Law	3
90.437 Commercial Law A	3
90.438 Commercial Law B	3
90.439 Consumer Protection Law	3
90.444 Elements of Income Tax Law	3
90.445 Advanced Revenue Law	3
90.454 International Trade	3
90.461 Computers and the Law	3
90.462 Information Law and Technology	3
90.480 The Law of Banking	3
90.500 The Law of Employment	3
90.501 Trade Unions and the Law	3
90.502 Industrial Safety and Health Law	3
90.551 Settlement of Industrial Disputes	3
90.601 Law Journal	3
90.641 Legal History	3
90.651 Research Thesis: two session elective	6
90.652 Research Thesis: session 1 elective	3
90.653 Research Thesis: session 2 elective	3
90.682 Social Security Law	3
90.683 Housing Law	3
90.691 Discrimination and the Law	3
90.692 Aborigines, and the Law	3
90.721 Clinical Legal Experience	3
90.820 Economic Analysis of Law	3
90.832 Legal Theory	3
90.841 Comparative Law	3
90.842 Pacific Islands Legal Systems	3
90.853 Public International Law	3
90.857 International Humanitarian Law	3
90.861 Conflict of Laws	3
90.882 Law and Social Theory	3
90.900 Special Elective A	3
90.901 Special Elective B	3

Students in Commerce (Accounting)/Law and Commerce (Accounting, Finance and Systems)/Law courses must complete the subjects 90.401 Business Associations 1 and 90.402 Business

Associations 2 and at least two other electives from the field of Business Law.

Subject descriptions for law electives referred to in **Rule 30** Rules Relating to the Bachelor of Commerce/Bachelor of Laws Course are set out below.

### 90.223 Communications Law SS Hpw4 C3

The statutory and common law controls over mass media and telecommunications in Australia. Matters likely to engage the skills of lawyers rather than pure theoretical analysis or law for journalists. Among the general legal issues considered in the particular communications context are: economic regulation and protectionism; licensing law and policy; legal provision for technological change; regulation of corporate control; and self-regulation. Topics may be roughly divided into two main groups: **1.** Defamation; contempt of court and parliament; rights of court reporting; restrictions on the content of printed and electronic media, including voluntary industry codes as well as law strictly so called. **2.** Electronic media: the operation of the commercial and public station licensing system; planning powers; ownership and control of stations; the regulation of programs; domestic law affecting satellite communication; videotext; cable and pay-TV media.

Students who have completed 90.222 Mass Media Law are not permitted to take this subject for credit.

### 90.303 Trusts S1 S2 Hpw4 C3

The nature, history and classification of trusts; the use of trusts in modern law; social control through trusts; express private trusts; purpose trusts; discretionary and protective trusts; the creation and variation of private trusts; trading trusts; resulting and constructive trusts; charitable and public trusts; the significance of charitable status; powers and duties of trustees.

A useful introduction to 90.305 Succession which develops a number of themes which are raised by a consideration of the law of trusts.

### 90.305 Succession S1 S2 Hpw4 C3

*Prerequisite:* 90.301

The law governing succession to property on death including the rules relating to wills, administration of assets, family provision and intestate succession. Equitable doctrines relating to the law of wills and administration of estates, including construction of wills, marshalling, satisfaction, ademption, and *donationes mortis causa*. Although the rules of equity constitute a theme common to this subject and 90.302 and 90.303, there is no significant overlap. Students interested in both the law of trusts and the law of succession should do both 90.303 and 90.305; in that event it is preferable to do 90.303 first.

### 90.401 Business Associations 1 S1 S2 Hpw4 C3

An introduction to the legal principles governing the partnership and the registered company.

The partnership component deals with the formation and constitution of the partnership; the relations between partners and those dealing with their firm; the fiduciary duties partners owe to one

another; the partnership property and capital; the dissolution of the partnership.

The company law component of the subject falls into two parts. The first deals with the process and incidents of incorporation. The topics dealt with in this part include the derivation of the modern company; an introduction to the regulatory structures for companies and the securities industry in Australia; the formation of the company; the privileged position of the private company; an introduction to the corporate constitution, organs and capital; promoters' duties; pre-incorporation contracts; the separate personality of the corporation (and its exceptions); corporate liability in crime.

The balance of the subject is concerned with the structure and governance of the company. It examines the corporate organs (the board of directors and the general meeting) and the division of corporate powers between them; the duties and liabilities of directors and other officers; the remedies available to shareholders for the enforcement of directors' duties and protection against oppression or over-reaching by controllers.

While much of this company law doctrine is equally applicable to the large company as to the small enterprise, the subject stresses the problems, processes and transactions typically encountered by small incorporated business.

Students are advised to complete 90.301 Property and Equity before undertaking Business Associations 1.

## **90.402 Business Associations 2 S2 Hpw4 C3**

*Prerequisite:* 90.401.

Areas of company law and securities regulation not covered in 90.401 Business Associations 1, and particularly those of relevance to larger enterprises including public companies. Students who wish to complete a comprehensive study of company law and securities regulation are advised to take this subject in addition to 90.401.

General introduction to corporate financing decisions and the structure of, and institutions operating within, the capital market. The securities market and stock exchanges and the goals and development of securities regulation. The national companies and securities scheme. Topics considered will be drawn from the following: 1. aspects of corporate finance not dealt with in 90.401; 2. public offers; the law on prospectuses; offers of interest; share-hawking; 3. takeovers and reconstructions; 4. continuing disclosure through accounts and reports to the markets; disclosure of share interests; 5. corporate distributions; 6. regulation of the securities industry; the stock exchanges and persons conducting business in the industry; competition in the industry; 7. regulation of securities trading; insider trading, short-selling and manipulation; 8. corporate crime; enforcement; investigations; 9. public policy issues raised by large modern corporations.

## **90.403 The Modern Corporation SS Hpw4 C3**

Examines on a comparative basis selected issues in law and social policy arising from the modern emergence of the large business corporation as a dominant institution in western economies. The object is to develop a critical understanding of corporate structures and operations and of regulatory systems.

The central theme concerns corporate control and governance. Topics include: 1. the distribution of corporate ownership and control — modern patterns and their significance; 2. institutional share ownership — recent developments and control implications; 3. the regulation of financial intermediaries; 4. networks of influence — inter-company and business-government interlocks; 5. legal responses to the separation of corporate ownership and control with particular reference to the identification and transfer of corporate control; 6. structure, process and function in the public company board of directors; 7. corporate social responsibility; 8. industrial democracy; 9. employee participation in corporate capital formation; 10. state intervention in business — industrial strategy, corporatism and managerial prerogatives; and 11. the regulation of multi-national enterprise.

Students who have completed 90.4032 The Modern Corporation are not permitted to take this subject.

## **90.424 Industrial and Intellectual Property S1 S2 Hpw4 C3**

Areas of the law relating to concepts of intangible property including the law of patents, trademarks, trade designs, copyright, confidentiality, passing off and the protection of business reputation.

## **90.426 Regulation of Economic Activity SS Hpw4 C3**

Theories, economics and politics of regulation. The role of competition policy; the case of exemption. Regulation v self-regulation. Regulatory reform. Selected case studies in economic regulation.

Students who have completed 90.433 Economic Regulation are not permitted to take this subject for credit.

## **90.434 Trade Practices S1 S2 Hpw4 C3**

The competitive process and the extent to which departures from competition should be regulated. Focus is put on the Trade Practices Act and the decisions of the Trade Practices Commission, the Trade Practices Tribunal and the Federal Court thereunder. Comparative US, English and EEC decisions in the trade practices area are considered.

## **90.435 Insurance Law SS Hpw4 C3**

Basic principles of insurance law. *Topics:* 1. *Principles of insurance law;* insurable interest, indemnity, good faith, subrogation, contribution; 2. *Insurance contracts:* formation, warranties and conditions, cover, claims, brokers and agents; 3. *The changes effected by the relevant legislation and the residual problems.*

## **90.437 Commercial Law A S1 S2 Hpw4 C3**

Aims, with 90.438 Commercial Law B, to provide an introduction to principal areas of commercial law of relevance to legal practice. *Topics:* 1. the law on sale of goods; 2. an introduction to consumer protection; 3. an introduction to the law on consumer credit, including policy problems raised by current law on debt recovery.

Students wishing to complete an introductory study of commercial law are advised to take 90.438 Commercial Law B. More advanced study of consumer protection is available in 90.439 Consumer Protection Law. Other areas of commercial law are dealt with in 90.454 International Trade and 90.480 The Law of Banking.

Students who have completed 90.431 Commercial and Consumer Transactions 1 are not permitted to take this subject for credit.

#### 90.438 Commercial Law B S1 S2 Hpw4 C3

*Prerequisite:* 90.437.

Aims, with 90.437 Commercial Law A, to provide an introduction to principal areas of commercial law of relevance to legal practice. *Topics:* 1. *negotiable instruments*, including a study of commercial bills against the background of a description of the operation of the commercial bills and money markets; 2. *secured transactions*. Students are introduced to the law on securities over personal property including priorities. Reference is made to credit arrangements in use in the distribution and sale of goods and services; 3. *introduction to law of bankruptcy*.

Students wishing to complete an introductory study of commercial law are advised to take 90.437 Commercial Law A. Other areas of commercial law are dealt with in 90.439 Consumer Protection Law, 90.454 International Trade and 90.480 the Law of Banking.

Students who have completed 90.432 Commercial and Consumer Transactions 2 are not permitted to take this subject for credit.

#### 90.439 Consumer Protection Law SS Hpw4 C3

Legislative strategies for the protection of consumers and the effect of this legislation upon marketers. The following protective strategies are considered: regulation of consumer contracts; the imposition of informational requirements on persons dealing with consumers; the promulgation of standards with which goods and services have to comply; the licensing of persons dealing with consumers; the establishment of statutory funds against which consumers can claim; the creation of consumer tribunals and the establishment of consumer protection bureaux.

#### 90.444 Elements of Income Tax Law S1 S2 Hpw4 C3

1. Introduction: the policies served by taxation with particular reference to distributional and economic objectives; the uniform tax system: the structure of the current Income Tax Assessment Act and its administration. 2. A critical analysis of the principal concepts of the law of income taxation and the taxation of capital gains and fringe benefits; the law on income and deductions as applicable to individuals; the trading stock provisions and tax accounting; concepts of residence and source. 3. The judicial interpretation of taxing statutes; policy questions concerning tax avoidance.

Students who have completed 90.442 Taxation 1 are not permitted to take this subject for credit.

#### 90.445 Advanced Revenue Law S2 Hpw4 C3

*Prerequisite:* 90.444.

Areas of income tax introduced in 90.444 Elements of Income Tax Law in greater depth. Several areas of income tax law and other revenue law not touched on in the earlier subject. *Topics:* 1. taxation of partnerships, trusts and companies; 2. assignment of income; 3. tax avoidance and evasion — analysis of

general, and specific, anti-avoidance legislation and penalties legislation; 4. an introduction to aspects of international tax including some international tax agreements; 5. more specialized work on capital gains tax. 6. tax decision-making and review in the context of a mass decision making process.

Students should have completed 90.401 Business Associations 1 or be taking that course concurrently with 90.445. Students who have completed 90.443 Taxation 2 are not permitted to take this subject for credit.

#### 90.454 International Trade SS Hpw4 C3

A study of international business transactions. An economic overview of international trade. Structural aspects of international business including: different methods of doing business internationally; foreign investment in Australia; the territorial reach of anti-trust laws; international taxation; international finance; international transport law. Attention is focussed on transactional aspects of international business law, namely, sale of goods, international payments, and customs, dumping and subsidies.

It is recommended that students taking this course should either have studied, or be studying concurrently, the following subjects: Commercial Law A and B, Elements of Income Tax and Conflict of Laws.

Students who have completed 90.4512 International Trade are not permitted to take this subject for credit.

#### 90.462 Information Law and Technology SS Hpw4 C3

Aspects of the legal implications of computerised information (databases and software), and the uses of database and data communications technology by lawyers. An introduction to database and data communications concepts and technology commences both parts of the course. The law concerning property in computerised data and software (copyright and patents), data protection and privacy (common law and statutory protection), and data communications law (telecommunications regulation and telecommunications interception law concerning data) is examined. The question of whether there is a distinct body of 'information law' is considered in light of these topics. The second part of the course examines the uses lawyers can make of database and knowledge-based technology, including text retrieval systems and expert systems (programs which give legal advice), and the social and legal implications of their use. This part of the course involves 'hands-on' practice by students in the design, creation and use of legal databases, legal expert systems, and legal document generators. Among the programs which will be used are AIRS and CONCORD for database creation, and LES and DOCUMENT MODELER for knowledge-based applications.

This course and 90.461 Computers & the Law are complementary courses covering distinct topics.

#### 90.500 The Law of Employment S1 S2 Hpw4 C3

A branch of the law which treats persons in their capacity as workers. The employer-employee relationship with particular attention to the individual contract of employment on which that relationship rests, the legal concept of a 'worker', incidents of the employment relationship, the mutual rights and duties of the employer and the employee; the rights and obligations of public employees; incidents of the employment relationship as regards

third parties, the employer's liability to third parties, the employee's liability to third parties and the liability of third parties towards the employment relationship; the termination of the relationship with particular reference to the discharge of the contract of employment by performance, by notice and for cause and the remedies for wrongful termination; the relationship between an individual contract of employment and the relevant Award or Industrial Agreement, the usual matters dealt with in Awards and Agreements with particular emphasis on job security and personal grievances; social security aspects of employment, the legislation which is designed to protect wages, hours and various leave entitlements; legislation with respect to Anti-Discrimination; programs for Equal Employment Opportunity and Affirmative Action.

### 90.501 Trade Unions and the Law

SS Hpw C3

The functions of Trade Unions (including employer as well as employee organizations) in Australia, the legal regulation and control of their formation and activities, and the way in which their operations are affected by the common law as well as statute law. Topics: the problems of industrial association at common law, systems of registration and incorporation, problems involved in the formation of trade unions, their regulation through required rules and administrative and judicial supervision, functioning of trade unions as democratic institutions and the protection of rights of members, compulsory unionism, the right to join a trade union, and the legal capacity of trade unions within State and federal arbitration systems and in other dealings.

Comparison of State and federal systems of registration and of problems arising from the failure to co-ordinate the two systems. The way in which traditional forms of trade union activity collide with the common law in the fields of conspiracy and economic torts together with the union movement's claims for privileges or immunities and the extent to which these have been recognized in Australia and overseas. The substitution of control and pressure through arbitral administrative and judicial authorities including the consequences of the quasi-monopolistic position given trade unions under Australian arbitration legislation. Major themes include the interrelationship between the development of Australian trade union law and the historically entrenched systems of compulsory arbitration, and the role of law in regulating industrial power in the interests of community welfare and individual liberty.

### 90.551 Settlement of Industrial Disputes

SS Hpw4 C3

The techniques of settling industrial disputes in Australia and the legal and the extra-legal problems associated with them. The position under both federal and State law, stressing the peculiarities and impediments imposed on the process by the division of constitutional power. A case study is made of the 1985 SEQEB dispute and special attention is given to the Report of the Committee of Review into Australian Industrial Relations Law and Systems.

The handling of an industrial dispute from its genesis in industrial dislocation or the deliberate formulation of claims, through the processes of negotiation, conciliation and agreement, or voluntary or compulsory arbitration. The problems associated with the development of solutions and their expression in awards and agreements, together with the problems associated with the

interpretation and enforcement of awards and agreements. The major institutions of conciliation, arbitration and judicial endorsement. Comparisons with alternative systems of dispute settlement that exists in other countries or which have been suggested and to compulsory grievance procedures and other techniques designed to inhibit the development of disputes.

The prevention and settlement of industrial disputes is examined in its broad social, political and economic framework and the law which surrounds the collective relationships of employees and employers is placed in a wider body of legal theory and practice which operates in other parts of the Australian system of labour and industrial law.

## Graduate Study

The Faculty of Commerce and Economics includes the Schools of Accounting, Banking and Finance, Economics, Industrial Relations and Organizational Behaviour, Information Systems, and Marketing, and the Department of Legal Studies and Taxation.

Suitably qualified candidates may enrol to study for the degree of Doctor of Philosophy. In addition, courses are available leading to the award of the degrees of Master of Commerce (Honours) and Master of Commerce. These are offered in Accounting, Banking and Finance, Economics, Economic History, Econometrics, Industrial Relations and Organizational Behaviour, Information Systems, Legal Studies and Taxation, and Marketing. Normally all applicants for registration for the degree of Master of Commerce (Honours) should be graduates in Commerce or Economics seeking advanced specialization in their own discipline, although there is provision for non-Commerce or Economics graduates to be admitted in special cases, usually subject to a qualifying program.

The requirements for the Master of Commerce (Honours) degree may be satisfied by a program of study emphasizing either a thesis or formal courses, but in all cases a small research project, at least, must be undertaken. The degree of Master of Commerce may be pursued by graduates or other approved entrants from both commerce and non-commerce disciplines, either primarily in the form of study and professional development in a single field, or as a broader integrated course embracing several of the disciplines offered in the Faculty. The requirements for this degree are satisfied by successful study in formal courses.

The conditions governing the award of higher degree are set out later.

---

### Faculty of Commerce and Economics Enrolment Procedures

---

All students enrolling in graduate courses should obtain a copy of the free booklet *Enrolment Procedures 1989* available from School Offices and the Admissions Office. This booklet provides detailed information on enrolment procedures and fees, enrolment timetables by Faculty and course, enrolment in miscellaneous subjects, locations and hours of Cashiers and late enrolments.

---

### Course Requirements for the Degree of Master of Commerce (Honours)

---

A program of studies is generally pursued by full-time students over four sessions and by part-time students over six or seven sessions. Daytime attendance, to the extent of one afternoon a week, may be required for up to four sessions of the part-time program.

The detailed course requirements are set out below. In each case certain units are designated core units. Full-time students will normally include the core units among the units studied in the first four sessions. The choice of electives is subject to the approval of the Head of the School in which the candidate is enrolled and of the Head of the School offering the elective chosen.

---

## School of Accounting

---

**2630**

**Master of Commerce (Honours)**  
**MCom(Hons)**

1. All students shall study the following core units:

- 14.951G Current Developments in Accounting Research — Financial
- 14.952G Current Developments in Accounting Research — Managerial
- 14.909G Current Developments in Auditing Research
- 14.997G Seminar in Research Methodology
- 14.967G Special Topic in Accounting
- 14.904G Development of Accounting Thought

2. In addition to completing the subjects listed in 1., students shall either (a) submit a thesis on an approved topic and take such units as prescribed by the Higher Degree Committee to support that thesis, or (b) submit a project report on an approved topic and study four further units including two units chosen from the following list:

- 14.901G Advanced Studies in Financial Accounting 1
- 14.902G Advanced Studies in Financial Accounting 2
- 14.903G Regulation of Accounting
- 14.905G EDP Auditing
- 14.956G Management Planning and Control
- 14.915G Individual Judgement and Choice
- 14.916G Accountability, Accounting and Auditing
- 14.917G Strategic Management: Systems and Processes
- 14.910G Financial Statement Analysis
- 14.929G Organization Design

3. Units chosen shall be approved by the Head of the School and will normally be selected from advanced graduate units offered by the Faculty or, with the permission of the Higher Degree Committee, introductory graduate units offered by the Faculty or other graduate units offered by the University.

---

## School of Banking and Finance

---

**2631**

**Master of Commerce (Honours)**  
**MCom(Hons)**

1. All students shall study the following core units:

- 98.976G Business Finance 4A
- 98.977G Business Finance 4B
- 98.979G Empirical Research in Finance
- 14.910G Financial Statement Analysis
- 98.975G Seminar in Finance
- 98.911G Legal Aspects of Finance

2. In addition to completing the subjects listed in 1., students shall either (a) submit a thesis on an approved topic and take such units as prescribed by the Higher Degree Committee to support that thesis, or (b) submit a project report on an approved topic and take four further units.

3. Units chosen shall be approved by the Head of the School and will normally be selected from advanced graduate units offered by the Faculty or, with the permission of the Higher Degree Committee, introductory graduate units offered by the Faculty or other graduate units offered by the University.

---

## School of Economics

---

### Department of Economic History

**2590**

**Master of Commerce (Honours)**  
**MCom(Hons)**

1. All students shall study the following core units:

- 15.951G The International Economy Since 1850
- 15.953G Approaches to Economic and Social History
- 15.954G Seminar in Research Methods
- 15.955G Aspects of Australian Economic Development

2. In addition, students shall submit a thesis and take such units as are prescribed by the Higher Degree Committee to support the thesis. Such units will normally be selected from the following list:

- 15.952G The Modern Business Corporation
- 15.957G Comparative Economic History
- 15.965G Science, Technology and Economic Development
- 60.554G American Labour 1880-1980

3. All students shall enrol in 15.959G Research Seminar for at least one session. Students may enrol in the Research Seminar while they are enrolled for 15.960G Thesis.



**Department of Econometrics****2600****Master of Commerce (Honours)****MCom(Hons)**

1. All students shall study the following core units:

15.437G	Econometric Methods A
15.447G	Econometric Methods B
15.440G	Applied Econometrics A
15.441G	Applied Econometrics B

Two further units must be chosen from the following list:

15.432G	Linear Economics
15.442G	Economic Optimization and Dynamics
15.474G	Mathematical Economics A
15.484G	Mathematical Economics B

2. (a) Students taking the degree by course work shall in addition submit 15.499G Project Report and take four additional units of which at least two must be chosen from:

15.415G	Advanced Econometrics A
15.425G	Advanced Econometrics B
15.435G	Advanced Mathematical Economics A
15.445G	Advanced Mathematical Economics B

the remainder being electives.

(b) Students taking the degree by thesis shall in addition submit a thesis and take such units as are prescribed by the Higher Degree Committee to support that thesis.

3. The electives referred to in clause 2. must be approved by the Head of the Department of Econometrics and shall normally be chosen for graduate units offered by the School of Economics (except 15.448G Business Econometrics and Forecasting and 15.443G Operations Research and subjects listed in clause 1. of the Course Requirements for the Degree of Master of Commerce) or from graduate units, or fourth year Honours units offered by the School of Mathematics.

4. All students must enrol in 15.498G Econometrics Research Seminar while they are also enrolled for either 15.499G Project Report or 15.497G Thesis.

5. Except for exceptional circumstances the report on the project shall be submitted not later four sessions after the completion of the formal course work component of the degree as set out in paragraphs 1. and 2.

**Department of Economics****2640****Master of Commerce (Honours)****MCom(Hons)**

1. All students shall study the following core units:

15.154G	Microeconomic Analysis 1
15.155G	Microeconomic Analysis 2
15.314E	Economic Methodology
15.174G	Macroeconomic Analysis 1
15.184G	Macroeconomic Analysis 2
15.407G	Elements of Econometrics

2. In addition to completing the subjects listed in 1., candidate must either: (a) submit a thesis on an approved topic and take additional subjects as prescribed by the Higher Degree Committee, or (b) submit a project report on an approved topic, complete the subject 15.205G Seminar in Advanced Economic Analysis, together with three other subjects, of which at least two must be chosen from 15.214G International Trade, 15.215G International Finance, 15.234G Monetary Theory and Policy or subjects available as options in the MCom(Hons) course in Econometrics.

3. The contents of the subjects contained in 1. assume that candidates have a knowledge of quantitative analysis equivalent to that contained in 15.417G Quantitative Analysis A and 15.427G Quantitative Analysis B. Candidates who have not reached this level will be required to take 15.417G and/or 15.427G as qualifying subjects. Subject to approval of the Head of the Department of Economics, candidates may be permitted to take 15.417G and/or 15.427G concurrently with other subjects.

4. Students are required to attend 15.298G Economics Research Seminar and complete either 15.297G Project Report or 15.299G Thesis.

---

**School of Industrial Relations and Organizational Behaviour**


---

**2540 Industrial Relations****Master of Commerce (Honours)****MCom(Hons)**

1. All students shall study five of the following core units:

30.505G	Comparative Industrial Relations: Developed Countries
30.525G	Industrial Relations Case Studies A
30.535G	Comparative Industrial Relations: Less Developed Countries
30.545G	Industrial Relations Case Studies B
30.555G	Industrial Relations Project Seminar A
30.576G	Industrial Relations Project Seminar B

2. In addition, students must submit a thesis and take such units as are prescribed by the Higher Degree Committee to support the thesis.

3. All students shall enrol in 30.598G Research Seminar for at least one session. Students may only enrol in the Research Seminar while they are enrolled in 30.594G Thesis.

### **2525 Organizational Behaviour Master of Commerce (Honours) MCom(Hons)**

1. All students shall study the following core units:

- 30.970G Advanced Seminar in Organizational Behaviour A
- 30.971G Advanced Seminar in Organizational Behaviour B

Two further units chosen from the following list:

- 30.938G Japanese Employment and Productivity
- 30.942G Organization and Society
- 30.955G Human Potentialities
- 30.958G Organizational Communications
- 30.960G Technological Change and Organizational Participation
- 30.965G New Directions in Organization Theory

2. In addition, students shall submit a thesis and take such units as are prescribed by the Higher Degree Committee of the Faculty to support that thesis.

3. All students shall enrol in 30.972G Postgraduate Research Seminar for at least one session. Students may enrol in the research seminar while they are enrolled in 30.999G Thesis.

---

## **School of Information Systems**

### **2590 Master of Commerce (Honours) MCom(Hons)**

1. All students shall study the following core units:

- 19.926G Advanced Data Management
- 19.983G Information Systems and Telecommunications
- 19.986G Research Topics in Information Systems 1
- 19.987G Research Topics in Information Systems 2
- 19.993G Special Topic in Information Systems
- 19.991G Decision Support Systems

2. In addition to completing the subject listed in 1., students shall either (a) submit a thesis on an approved topic and take such units as prescribed by the Higher Degree Committee to support that thesis, or (b) submit a project report on an approved topic and take four further units.

3. Units chosen shall be approved by the Head of the School and will normally be selected from advanced graduate units offered by the Faculty or, with the permission of the Higher Degree Committee, introductory graduate units offered by the Faculty or other graduate units offered by the University.

---

## **School of Marketing**

### **2530 Master of Commerce (Honours) MCom(Hons)**

1. All students shall study the following core units:

- 28.926G Seminar in Marketing Theory 1
- 28.927G Methods of Marketing Research
- 28.901G Buyer Behaviour
- 28.907G Seminar in Contemporary Marketing Issues.

2. In addition, students must either submit a project report and take 28.929G Marketing Planning and Policy, and 28.905G Marketing, Strategy, plus three graduate or fourth year Honours electives.

or

submit a thesis and take such units as are prescribed by the Higher Degree Committee to support that thesis.

3. The two electives may be chosen from any graduate units taught by the Faculty or any other graduate units, with the exception of subjects listed in clause 1, of the Course Requirements for the Degree of Master of Commerce, or fourth year Honours units within the University approved by the Head of School. Electives offered by the School of Marketing are 28.925G Comparative Marketing Systems and 28.903G International Marketing, 28.921G Sales Management, 28.922G Industrial Marketing.

4. All students shall enrol in 28.998G Research Seminar for at least one session. Students may only enrol in the Research Seminar while they are enrolled for either 28.999G Project Report or 28.994G Thesis.

5. Except for exceptional circumstances the report on the project shall be submitted not later than four sessions after the completion of the formal coursework component of the degree as set out in paragraphs 1. to 4.

---

## **Course Requirements for the Degree of Master of Commerce**

1. The program shall consist of twelve units. Candidates may be given exemption from up to four units on the basis of prior study at an appropriate level in the disciplines listed in Clause 2.

2. The twelve units (including any exemptions) shall include at least two units in each of two of the following disciplines:

Accounting  
Econometrics  
Economic History  
Economics  
Finance  
Industrial Relations  
Information Systems  
Legal Studies and Taxation  
Marketing  
Organizational Behaviour

3. Students shall study a program approved by the Higher Degree Committee which includes a major of at least eight units or two sub-majors of at least four units each.

## Approved Programs

These programs allow students to meet the requirements of a major strand of at least eight units from one of the ten disciplines offered by the Faculty as well as at least two units from one of the other disciplines, or two sub-majors of at least four units selected from two of the disciplines.

8461	Program in Professional Accounting
8462	Program in Advanced Professional Specialization in Accounting — Auditing
8463	Program in Advanced Professional Specialization in Accounting — External Reporting
8464	Program in Advanced Professional Specialization in Accounting — Management Accounting
8465	Program in Advanced Professional Specialization in Accounting — Treasury
8466	Program in Advanced Disciplinary Specialization in Accounting
8467	Program in Advanced Disciplinary Specialization in Finance
8468	Program in Advanced Disciplinary Specialization in Information Systems
8469	Program in Advanced Professional Specialization in Accounting — Taxation
8471	Program in Advanced Professional Accounting
8480	Program in Economic History
8481	Program in Economics/Econometrics
8482	Program in Economics/Finance
8483	Program in Economics/Industrial Relations
8484	Program in Economics
8485	Program in Economics with specialization in Development Economics
8486	Program in Economics with specialization in Natural Resource Economics
8487	Program in Economics with specialization in Macroeconomics & Public Policy
8488	Program in Econometrics
8489	Program in Industrial Relations
8490	Program in Marketing
8495	Program in Organizational Behaviour

## Accounting

### 1. Professional Accounting

#### Course code 8461

##### 1.1 Compulsory units:

14.940G	Accounting and Financial Management A
14.941G	Accounting and Financial Management B
14.970G	Accounting Concepts and Financial Reporting
14.996G	Management Accounting Control Systems
14.908G	Auditing
15.114G	Economics A
15.125G	Economics B
98.973G	Corporate Finance
19.988G	Information Systems A
99.971G	The Legal Environment of Business
99.920G	Company Law
99.921G	Revenue Law

### 2. Advanced Professional Specialization in

#### Accounting — Auditing

#### Course code 8462

##### 2.1 Compulsory units:

14.916G	Accountability, Accounting and Auditing
14.915G	Individual Judgement and Choice
14.956G	Management Planning and Control
14.905G	EDP Auditing
14.909G	Current Developments in Auditing Research
14.949G	Management of Technical Specialities

##### 2.2 At least two subjects from the following list:

14.903G	Regulation and Accounting
14.902G	Advanced Studies in Financial Accounting 2
14.966G	Advanced Studies in Company Law
19.953G	Advanced Systems Management
19.991G	Decision Support Systems
19.983G	Information Systems and Telecommunications
19.992G	Data Management
15.952G	The Modern Business Corporation
14.917G	Strategic Management: Systems and Processes
15.448G	Business Econometrics and Forecasting
14.910G	Financial Statement Analysis
14.929G	Organization Design
19.926G	Advanced Data Management
19.927G	Knowledge Based Information Systems
14.955G	Design of Cost Management Systems

2.3 Four further units chosen from the above list or from other graduate units offered by the Faculty.

**3. Advanced Specialization in Accounting — External Reporting**  
**Course code 8463**

**3.1 Compulsory units:**

- 14.916G Accountability, Accounting and Auditing
- 14.903G Regulation of Accounting
- 19.953G Advanced Systems Management
- 14.902G Advanced Studies in Financial Accounting 2
- 14.951G Current Developments in Accounting Research — Financial
- 14.949G Management of Technical Specialities

**3.2 At least two subjects from the following list:**

- 99.966G Advanced Studies in Company Law
- 99.922G Advanced Taxation: Concepts and Systems
- 99.924G Advanced Taxation: Contemporary Issues
- 99.911G Legal Aspects of Finance
- 14.917G Strategic Management: Systems and Processes
- 14.955G Design of Cost Management Systems
- 14.956G Management Planning and Control
- 19.991G Decision Support Systems
- 14.901G Advanced Studies in Financial Accounting 1
- 98.964G Australian Capital Markets
- 98.984G Finance Theory And Evidence
- 14.910G Financial Statement Analysis
- 15.952G The Modern Business Corporation
- 14.929G Organization Design
- 99.972G Legal Regulation of Business
- 19.992G Data Management

**3.3 Four further units chosen from the above list or from other graduate units offered by the Faculty.**

**4. Advanced Professional Specialization in Accounting — Management Accounting**  
**Course code 8464**

**4.1 Compulsory units:**

- 14.956G Management Planning and Control
- 14.917G Strategic Management: Systems and Processes
- 14.915G Individual Judgement and Choice
- 19.953G Advanced Systems Management
- 14.949G Management of Technical Specialities
- 14.952G Current Developments in Accounting Research — Managerial

**4.2 At least two subjects from the following list:**

- 19.957G Operations Research for Management 1
- 30.960G Technological Change and Organizational Participation
- 30.965G New Directions in Organization Theory
- 15.952G The Modern Business Corporation
- 19.989G Information Systems B
- 19.991G Decision Support Systems
- 19.983G Information Systems and Telecommunications

- 19.992G Data Management
- 14.929G Organization Design
- 19.926G Advanced Data Management
- 19.972G Knowledge Based Information Systems
- 19.928G Management Systems Design
- 14.955G Design of Cost Management Systems
- 15.448G Business Econometrics and Forecasting

**4.3 Four further units chosen from the above list or from other graduate units offered by the Faculty.**

**5. Advanced Disciplinary Specialization in Accounting**  
**Course code 8466**

**5.1 Compulsory units:**

- 14.915G Individual Judgement and Choice
- 14.956G Management Planning and Control
- 14.903G Regulation of Accounting
- 14.951G Current Developments in Accounting Research — Financial
- 14.952G Current Developments in Accounting Research — Managerial
- 14.909G Current Developments in Auditing Research

**5.2 At least two subjects from the following list:**

- 14.916G Accountability, Accounting and Auditing
- 14.917G Strategic Management: Systems and Processes
- 14.901G Advanced Studies in Financial Accounting 1
- 14.902G Advanced Studies in Financial Accounting 2
- 14.910G Financial Statement Analysis
- 14.904G Development of Accounting Thought
- 14.905G EDP Auditing
- 19.957G Operations Research for Management 1

**5.3 Four further units chosen from the above list or from other graduate units offered by the Faculty.**

**6. Advanced Professional Program in Accounting**  
**Course code 8471**

**6.1 Compulsory units:**

- 14.916G Accountability, Accounting & Auditing
- 14.902G Advanced Studies in Financial Accounting 2
- 14.903G Regulation of Accounting
- 99.922G Advanced Taxation: Concepts and Systems

**6.2 Four subjects from the following groups with at least two subjects from one of the listed groups.**

**Group A (Financial Accounting and Auditing)**

- 14.901G Advanced Studies in Financial Accounting 1
- 14.951G Current Developments in Accounting Research — Financial
- 14.909G Current Developments in Auditing Research
- 14.915G Individual Judgement and Choice

**Group B (Legal Studies and Taxation)**

- 99.923G Advanced Taxation: Organizations and Transactions

- 99.924G Advanced Taxation: Contemporary Issues  
 99.966G Advanced Studies in Company Law  
 99.911G Legal Aspects of Finance

### Group C (Information Systems)

- 19.989G Information Systems B  
 14.905G EDP Auditing  
 19.953G Advanced Systems Management  
 19.991G Decision Support Systems

Any other advanced graduate information systems subject approved by the Head of the School of Information Systems.

### Group D (Finance)

- 98.964G Australian Capital Markets  
 14.910G Financial Statement Analysis  
 98.984G Finance Theory and Evidence  
 98.868G Investment Analysis and Management

Any other advanced graduate finance subject approved by the Head of the School of Banking and Finance.

### Group E (Management Accounting)

- 14.917G Strategic Management: Systems and Processes  
 14.949G Management of Technical Specialities  
 14.952G Current Developments in Accounting Research — Managerial  
 14.956G Management Planning and Control  
 14.955G Design of Cost Management Systems

**6.3** Four further units chosen from the above groups or from other graduate units offered by the Faculty.

## 2. Advanced Professional Specialization in Accounting — Treasury Course code 8465

### 2.1 Compulsory units:

- 98.984G Finance Theory and Evidence  
 98.883G Finance A  
 98.884G Finance B  
 98.868G Investment Analysis and Management  
 98.982G International Corporate Finance  
 98.964G Australian Capital Markets

### 2.2 At least two subjects from the following list:

- 14.910G Financial Statement Analysis  
 14.915G Individual Judgement and Choice  
 14.956G Management Planning and Control  
 14.917G Strategic Management: Systems and Processes  
 19.957G Operations Research for Management 1  
 14.949G Management of Technical Specialities  
 99.911G Legal Aspects of Finance  
 99.966G Advanced Studies in Company Law  
 99.922G Advanced Taxation: Concepts and Systems  
 14.903G Regulation of Accounting  
 98.925G Financial Institution Management  
 14.955G Design of Cost Management Systems  
 99.972G Legal Regulation of Business  
 15.208G Public Finance  
 15.224G Public Sector Economics  
 15.204G International Economics  
 15.952G The Modern Business Corporation

**2.3** Four further units chosen from the above list or from other graduate units offered by the Faculty.

## Banking and Finance

### 1. Advanced Disciplinary Specialization in Finance Course code 8467

#### 1.1 Compulsory units:

- 98.984G Finance Theory and Evidence  
 98.883G Finance A  
 98.884G Finance B  
 98.868G Investment Analysis and Management  
 98.982G International Corporate Finance  
 98.964G Australian Capital Markets

#### 1.2 At least two subjects from the following units:

- 14.910G Financial Statement Analysis  
 99.911G Legal Aspects of Finance  
 98.925G Financial Institution Management

Any other graduate subject approved by the Head of the School of Banking and Finance.

**1.3** Four further units chosen from the above list or from other graduate units offered by the Faculty.

## Information Systems

### 1. Advanced Disciplinary Specialization in Information Systems Course code 8468

#### 1.1 Compulsory units:

- 19.988G Information Systems A  
 19.989G Information Systems B  
 19.953G Advanced Systems Management  
 19.991G Decision Support Systems  
 19.983G Information Systems and Telecommunications  
 19.992G Data Management

#### 1.2 At least two subjects from the following:

- 14.915G Individual Judgement and Choice  
 14.956G Management Planning and Control  
 14.917G Strategic Management: Systems and Processes  
 19.957G Operations Research for Management 1  
 30.960G Technological Change and Organizational Participation

- 14.905G EDP Auditing
- 19.926G Advanced Data Management
- 19.927G Knowledge Based Information Systems
- 19.928G Managing Software Development
- 14.929G Organization Design
- 14.955G Design of Cost Management Systems

Any other graduate subject approved by the Head of the School of Information Systems.

**1.3** Four further units chosen from the above list or from other graduate units offered by the Faculty.

---

## **Legal Studies and Taxation**

---

### **1. Advanced Professional Specialization in Accounting — Taxation Course code 8469**

**1.1** Compulsory units:

- 99.922G Advanced Taxation: Concepts and Systems
- 99.923G Advanced Taxation: Organizations and Transactions
- 99.924G Advanced Taxation: Contemporary Issues
- 99.911G Legal Aspects of Finance
- 14.902G Advanced Studies in Financial Accounting 2
- 15.208G Public Finance

**1.2** At least two subjects from the following list:

- 99.966G Advanced Studies in Company Law
- 99.972G The Legal Regulation of Business
- 14.901G Advanced Studies in Accounting 1
- 14.903G Regulation of Accounting
- 14.949G Management of Technical Specialties
- 14.955G Design of Cost Management Systems
- 98.964G Australian Capital Markets
- 15.204G International Economics
- 15.224G Public Sector Economics
- 15.244G Resource Economics

**1.3** Four further units chosen from the above list or from other graduate units offered by the Faculty.

---

## **Economics**

---

### **1. Economic History Course code 8480**

**1.1** Compulsory units:

- 15.952G The Modern Business Corporation
- 15.951G The International Economy Since 1850
- 15.954G Seminar in Research Methods
- 15.965G Science, Technology and Economic Development
- 15.953G Approaches to Economic and Social History
- 60.554G American Labour 1850-1980

- 15.957G Comparative Economic History
- 15.955G Aspects of Australian Economic Development

**1.2** Four further units chosen from other graduate units offered by the Faculty.

### **2. Economics and Econometrics Course code 8481**

**2.1** Compulsory units:

- 15.114G Economics A
- 15.125G Economics B
- 15.417G Quantitative Analysis A
- 15.427G Quantitative Analysis B
- 15.407G Elements of Econometrics.
- 15.154G Microeconomic Analysis 1
- 15.174G Macroeconomic Analysis 1
- 15.204G International Economics

**2.2** Two units chosen from graduate units offered by the Department of Econometrics.

**2.3** Two further units chosen from graduate units offered by the Faculty.

### **3. Economics and Finance Course code 8482**

**3.1** Compulsory units:

- 15.114G Economics A
- 15.125G Economics B
- 15.154G Microeconomic Analysis 1
- 15.174G Macroeconomic Analysis 1
- 98.984G Finance Theory and Evidence
- 98.883G Business Finance A
- 98.884G Business Finance B
- 98.868G Investment Analysis and Management

**3.2** Two units chosen from the following list:

- 98.982G International Corporate Finance
- 98.964G Australian Capital Markets
- 14.910G Financial Statement Analysis
- 99.911G Legal Aspects of Finance
- 98.925G Financial Institution Management
- 15.204G International Economics
- 15.234G Monetary Theory and Policy
- 15.208G Public Finance
- 15.407G Elements of Econometrics\*

**3.3** Two further units chosen from the above list or from other graduate units offered by the Faculty.

\*Students taking this subject should do so as early as possible in their program.

### **4. Economics and Industrial Relations Course code 8483**

**4.1** Compulsory Units:

- 15.114G Economics A
- 15.125G Economics B
- 30.565G Industrial Relations A
- 30.575G Industrial Relations B
- 30.577G Manpower Policy or 30.578G Wages and Incomes Policy

15.206G Economics of Labour Markets

**4.2** Six further units chosen from graduate units offered by the Faculty of which at least two units must be chosen from each of Industrial Relations and Economics.

## 5. Economics

### Course code 8484

#### 5.1 Compulsory units:

- 15.114G Economics A
- 15.125G Economics B
- 15.417G Quantitative Analysis A
- 15.427G Quantitative Analysis B
- 15.154G Microeconomic Analysis 1
- 15.174G Macroeconomic Analysis 1
- 15.204G International Economics
- 15.407G Elements of Econometrics

**5.2** Two units chosen from graduate units offered by the Department of Economics.

**5.3** Two further units chosen from graduate units offered by the Faculty.

## 6. Economics with Specialization in Development Economics

### Course code 8485

#### 6.1 Compulsory units:

- 15.114G Economics A
- 15.125G Economics B
- 15.417G Quantitative Analysis A
- 15.427G Quantitative Analysis B
- 15.154G Microeconomic Analysis 1
- 15.174G Macroeconomic Analysis 1
- 15.204G International Economics
- 15.407G Elements of Econometrics
- 15.207G Development Economics
- 15.245E The Less Developed Countries in the World Economy
- 15.224G Public Sector Economics

**6.2** One further unit chosen from graduate units offered by the Faculty.

## 7. Economics with Specialization in Natural Resource Economics

### Course code 8486

#### 7.1 Compulsory units:

- 15.114G Economics A
- 15.125G Economics B
- 15.417G Quantitative Analysis A
- 15.427G Quantitative Analysis B
- 15.154G Microeconomic Analysis 1
- 15.174G Macroeconomic Analysis 1
- 15.204G International Economics
- 15.407G Elements of Econometrics
- 15.244G Resource Economics
- 15.224G Public Sector Economics

15.456G Operations Research in Economics

**7.2** One further unit chosen from graduate units offered by the Faculty.

## 8. Economics with Specialization in Macroeconomics and Public Policy

### Course code 8487

#### 8.1 Compulsory units:

- 15.114G Economics A
- 15.125G Economics B
- 15.417G Quantitative Analysis A
- 15.427G Quantitative Analysis B
- 15.154G Microeconomic Analysis 1
- 15.174G Macroeconomic Analysis 1
- 15.204G International Economics
- 15.407G Elements of Econometrics
- 15.184G Macroeconomic Analysis 2

#### 8.2 Two units chosen from:

- 15.242E Money, Banking and the Financial System
- 15.208G Public Finance
- 15.224G Public Sector Economics
- 15.225G Economics of Trade Practices, Regulations and Competition Policy
- 15.234G Monetary Theory and Policy

**8.3** One further unit chosen from graduate units offered by the Faculty.

## 9. Econometrics

### Course code 8488

#### 9.1 Compulsory units:

- 15.114G Economics A
- 15.125G Economics B
- 15.417G Quantitative Analysis A
- 15.427G Quantitative Analysis B
- 15.407G Elements of Econometrics

**9.2** Five units chosen from graduate units offered by either the Department of Econometrics or Economics, at least three of which must be from the Department of Econometrics.

**9.3** Two further units selected from graduate units offered by the Faculty or approved units offered by the School of Mathematics.

---

## Marketing

---

### 1. Marketing

#### Course code 8490

#### 1.1 Compulsory Units

- 28.911G Marketing A
- 28.912G Marketing B
- 28.901G Buyer Behaviour
- 28.928G Quantitative Analysis in Marketing
- 28.913G Marketing Management
- 28.914G Marketing Research
- 28.929G Marketing Planning and Policy

## 1.2 One unit chosen from:

- 28.903G International Marketing
- 28.905G Marketing Strategy
- 28.907G Seminar in Contemporary Marketing Issues
- 28.921G Sales Management
- 28.922G Industrial Marketing

**1.3** Four further units chosen from graduate units offered by the Faculty.

- 30.938G Japanese Employment and Productivity
- 30.959G Special Topic in Organizational Behaviour
- 15.952G The Modern Business Corporation
- 14.915G Individual Judgment and Choice
- 14.917G Strategic Management: Systems and Processes
- 14.949G Management of Technical Specialties
- 14.956G Management Planning and Control
- 14.929G Organization Design

**2.3** Four further units chosen from the above list or from other graduate units offered by the Faculty.

---

## Industrial Relations and Organizational Behaviour

---

### 1. Industrial Relations Course code 8489

#### 1.1 Compulsory units:

- 30.565G Industrial Relations A
- 30.575G Industrial Relations B

#### 1.2 Four units chosen from:

- 30.535G Comparative Industrial Relations — Less Developed Countries
- 30.577G Manpower Policy
- 30.578G Wages and Incomes Policy
- 30.579G Industrial Conflict
- 30.580G Social Aspects of Work and Unionism
- 30.581G Industrial Relations Theory
- 30.582G Industrial Relations Methods
- 30.505G Comparative Industrial Relations — Developed Countries

#### 1.3 Two units chosen from:

- 30.525G Industrial Relations Case Studies A
- 30.545G Industrial Relations Case Studies B
- 30.555G Project Seminar A
- 30.576G Project Seminar B

**1.4** Four further units chosen from graduate units offered by the Faculty.

### 2. Organizational Behaviour Course code 8495

#### 2.1 Compulsory units:

- 30.935G Organizational Behaviour
- 30.942G Organization and Society
- 30.936G Organizational Change and Development
- 30.965G New Directions in Organizational Theory

#### 2.2 Four units chosen from the following list:

- 30.955G Human Potentialities
- 30.958G Organizational Communications
- 30.960G Technological Change and Organizational Participation

---

## Graduate Subject Prerequisites

---

A candidate may not enrol in any subject without having satisfied any prerequisite requirement. The details of prerequisite requirements are set out in the section dealing with subject descriptions.



## Graduate Study:

## Subject Descriptions

### Identification of Subjects by Number

A subject is defined as 'a unit of instruction approved by the University as being a discrete part of the requirements for a course offered by the University'.

Each approved subject of the University is identifiable both by number and by name as this is a check against nomination of subject other than the one intended.

Subject numbers are allocated by the Academic Registrar and the system of allocation is based on the following guidelines:

1. The authority offering the subject, normally a School of the University, is indicated by the number before the decimal point.
2. Each subject number is unique and is not used for more than one subject title.
3. Subject numbers which have not been used for some time are not used for new subject titles.
4. Graduate subjects are indicated by a suffix 'G' to a number with three digits after the decimal point. In other subjects three or four digits are used after the decimal point.

Subjects taught are listed in full in the handbook of the faculty or board of studies responsible for the particular course within which the subjects are taken. Subject descriptions are contained in the appropriate section in the handbooks.

The **identifying numerical prefixes** for each subject authority are set out on the following page.

**Servicing Subjects** are those taught by a school or department outside its own faculty. Their subject descriptions are published in the handbook of the faculty which originates the subject and are also published in the handbook of the Faculty in which the subject is taught.

#### Information Key

The following is the key to the information which may be supplied about each subject:

**S1** Session 1, **S2** Session 2

**F** Session 1 *plus* Session 2, ie full year

**S1 or S2** Session 1 or Session 2, ie choice of either session

**SS** single session, but which session taught is not known at time of publication

**CCH** class contact hours

**L** Lecture, followed by hours per week

**T** Laboratory/Tutorial, followed by hours per week

**hpw** hours per week

**C** Credit point value

**CR** Credit

**DN** Distinction

**HD** High Distinction

School, Department etc	Faculty	Page
*Subjects also offered for courses in this handbook		
1 School of Physics	Science	
2 School of Chemistry	Science	
3 School of Chemical Engineering and Industrial Chemistry (New Course)	Applied Science	
4 School of Materials Science and Engineering	Applied Science	
5 School of Mechanical and Industrial Engineering	Engineering	
6 School of Electrical Engineering and Computer Science*	Engineering	
7 School of Mines (Mineral Processing and Extractive Metallurgy and Mining Engineering)	Applied Science	
8 School of Civil Engineering	Engineering	
9 School of Fibre Science and Technology (Wool and Animal Science)	Applied Science	
10 School of Mathematics*	Science	
11 School of Architecture	Architecture	
12 School of Psychology*	Biological and Behavioural Sciences	
13 School of Fibre Science and Technology (Textile Technology)	Applied Science	
<b>14 School of Accounting</b>	<b>Commerce &amp; Economics</b>	<b>113</b>
<b>15 School of Economics</b>	<b>Commerce &amp; Economics</b>	<b>119</b>
16 School of Health Administration	Professional Studies	
17 Faculty of Biological and Behavioural Sciences	Biological and Behavioural Sciences	
18 School of Mechanical and Industrial Engineering (Industrial Engineering)	Engineering	
<b>19 School of Information Systems</b>	<b>Commerce &amp; Economics</b>	<b>117</b>
20 Centre for Petroleum Engineering Studies	Applied Science	
21 Department of Industrial Arts	Architecture	
25 School of Mines (Applied Geology)	Applied Science	
26 Centre for Liberal and General Studies	Liberal and General Studies	
27 School of Geography*	Applied Science	
<b>28 School of Marketing</b>	<b>Commerce &amp; Economics</b>	<b>124</b>
29 School of Surveying	Engineering	
<b>30 School of Industrial Relations and Organizational Behaviour</b>	<b>Commerce &amp; Economics</b>	<b>125</b>
31 School of Optometry	Science	
32 Centre for Biomedical Engineering	Engineering	
34 Faculty of Arts	Arts	
35 School of Building	Architecture	
36 School of Town Planning	Architecture	
37 School of Landscape Architecture	Architecture	
38 School of Applied Bioscience and Technology (Food Science)	Applied Science	
39 Graduate School of the Built Environment	Architecture	

School, Department etc	Faculty	Page
*Subject also offered for courses in this handbook		
40 Academic Board		
41 School of Biochemistry	Biological and Behavioural Sciences	
42 School of Applied Bioscience (Biotechnology)	Applied Sciences	
44 School of Microbiology	Biological and Behavioural Sciences	
45 School of Biological Science	Biological and Behavioural Sciences	
46 Faculty of Applied Science	Applied Science	
47 Centre for Safety Science	Engineering	
48 School of Chemical Engineering and Industrial Chemistry (Old Course)*	Applied Science	
49 School of Applied Bioscience (Food Science and Technology)	Applied Science	
50 School of English	Arts	
51 School of History	Arts	
52 School of Philosophy	Arts	
53 School of Sociology	Arts	
54 School of Political Science	Arts	
55 School of Librarianship	Professional Studies	
56 School of French	Arts	
57 School of Theatre Studies	Arts	
58 School of Education	Professional Studies	
59 Department of Russian Studies	Arts	
60 Faculty of Arts	Arts	
61 Department of Music	Arts	
62 School of Science and Technology Studies	Arts	
63 School of Social Work	Professional Studies	
64 School of German Studies	Arts	
65 School of Spanish and Latin American Studies	Arts	
66 Subjects Available from Other Universities		
67 Faculty of Science	Science	
68 Board of Studies in Science and Mathematics	Board of Studies in Science and Mathematics	
70 School of Anatomy	Medicine	
71 School of Medicine	Medicine	
72 School of Pathology	Medicine	
73 School of Physiology and Pharmacology	Medicine	
74 School of Surgery	Medicine	
75 School of Obstetrics and Gynaecology	Medicine	
76 School of Paediatrics	Medicine	
77 School of Psychiatry	Medicine	
78 School of Medical Education	Medicine	
79 School of Community Medicine	Medicine	
80 Faculty of Medicine	Medicine	
81 Medicine/Science/Biological Sciences	Medicine	
85 Australian Graduate School of Management	AGSM	
90 Faculty of Law*	Law	
97 Faculty of Engineering	Engineering	
<b>98 School of Banking and Finance</b>	<b>Commerce &amp; Economics</b>	<b>115</b>
<b>99 Department of Legal Studies and Taxation</b>	<b>Commerce &amp; Economics</b>	<b>118</b>

---

## School of Accounting

---

### 14.901G Advanced Studies in Financial Accounting 1 S2 L3

*Prerequisite:* An approved Bachelor's degree with a major in Accounting or equivalent, or 14.970G or equivalent.

Not offered in 1989.

Development of a conceptual framework for financial accounting and reporting. The traditional reporting structure. Issues related to revenue and expense recognition, and the identification and measurement of assets and liabilities. Review of major pronouncements and proposals concerning accounting for changing prices. Evaluation of solvency and the form and content of financial statements including reports on the flow of funds.

### 14.902G Advanced Studies in Financial Accounting 2 S1 L3

*Prerequisite:* An approved Bachelor's degree with a major in Accounting or equivalent, or 14.970G or equivalent.

Accounting issues and techniques associated with specific industries, complicated business structures and complex transactions. Topics may include: accounting in the construction, real estate development, finance and extractive industries; group accounts; segment reports; accounting for unincorporated associations; trading trusts; reporting problems arising from off-balance-sheet financing; pension accounting; foreign currency translation.

### 14.903G Regulation of Accounting S2 L3

*Prerequisite:* Approved Bachelor's degree with a major in Accounting or equivalent, or 14.970G or equivalent.

The market for accounting services, particularly audited and public sector financial statements. Alternative forms of regulatory arrangements and competing sources of regulatory authority. Policy formation, implementation and enforcement. Theories and empirical evidence related to regulatory processes and outcomes. Classification and comparative analysis of rules affecting accounting and auditing practices locally and overseas; an examination of rules relating to prospectuses, takeover documents, interim reports and other special purpose reports.

### 14.904G Development of Accounting Thought S2 L3

*Prerequisite:* Admission to MCom(Hons) degree course majoring in Accounting, or 14.951G and 14.952G, or equivalent.

The historical development of the body of thought underlying particular areas of study in the discipline of accounting. The origins and progression of significant ideas, theories, themes, and methodologies. Contributions by prominent individuals. The attitudes of professional bodies and other parties to change.

### 14.905G EDP Auditing S1 L3

*Prerequisite:* 14.916G and 19.989G or equivalent, or 14.708 (14.708 prior to 1986), 19.602 and 19.603 or equivalent; or with the approval of the Head of the School of Accounting and the Head of the School of Information Systems.

Analysis of internal control and auditing procedures in an e.d.p. environment; use and limitations of common procedures — test decks, audit packages, etc.; problems associated with differing applications — use of standard packages, mini and micro computer based systems, distributed data processing, data base applications.

### 14.908G Auditing S1 L3

*Prerequisite:* 14.970G or equivalent.

Selected aspects of auditing. *Topics include:* auditing standards and responsibilities, problems of verification and reporting; organization and application to various forms of accounting systems including computer-based systems; appraisal of methods of internal control; the applicability of particular audit techniques including statistical sampling.

### 14.909G Current Developments in Auditing Research S2 L3

*Prerequisite:* Admission to MCom(Hons) degree course in Accounting or 14.915G and 14.956G and either 14.916G or 14.903G, or equivalent.

An examination of current areas of research in auditing and substantive studies in each area. The following topics will be considered. Theory about auditing. Overview of audit research. Research areas. Nature of audit work; agency theory and the existence of the audit function; human information processing in auditing; audit teams and the review process; statistical auditing; effect of the audit report; job satisfaction and performance in audit firms; performance criteria and evaluation. Future development in audit theory and research.

### 14.910G Financial Statement Analysis S2 L3

*Prerequisites:* 98.973G and 14.970G or equivalent.

Traditional and contemporary approaches to financial statement analysis. Conventional approaches; fundamental analysis and its limitations. Decomposition analysis. Financial statement analysis in an efficient market; time series behaviour of earnings. Prediction of risk, distress, credit ratings. Effects of accounting policy.

### 14.915G Individual Judgement and Choice S1 L3

*Prerequisites:* 14.941G and 15.427G, or 30.935G or 14.989G or equivalent.

Behavioural decision theory in the context of judgements made by users of accounting information, managers and auditors. *Topics include:* introduction to the fields of behavioural decision theory and decision analysis; limitations of human ability to process information; descriptive models of individual choice

behaviour; other factors affecting judgement and choice; structuring of a problem; assessing consequences — measurement and weighting of dimensions; assessing uncertainties — probability assessment, confidence, groups; evaluation of alternatives — choice of criterion; ambiguity and choice — formal models incorporating ambiguity, fuzzy sets, behavioural evidence; relationship between individual choice and organizational choice.

#### 14.916G Accountability, Accounting and Auditing S1 L3

*Prerequisites:* 14.941G and 14.970G or equivalent.

Accountability as a social relationship which generates a demand for accounting and auditing. Alternative patterns of accountability in different cultural, sectoral, institutional and organizational settings. Theories about accountability; agency theory as a contemporary example. Alternative forms of accounting: the variety of external reports. Alternative forms auditing: financial, compliance, operational, managerial, evaluations and special investigations. Relationships between accountability and individual and social choice.

#### 14.917G Strategic Management: Systems and Processes S1 L3

*Prerequisite:* 14.941G or 30.942G or 14.989G or equivalent.

The strategic dimensions of organization functioning, that is, the way in which relationships are established between organizations and their environments. *Topics include:* environment and enterprise; strategy, structure and strategic management; strategic choice; problem solving and social-psychological models, organizational and managerial models; environmental scanning and strategy identification; strategy evaluation; financial policy and corporate strategy; designing strategic information systems; categorizing and evaluating disciplinary contributions.

#### 14.929G Organization Design S1 or S2 L3

*Prerequisites:* 30.942G or 14.956G or 19.953G, or equivalent.

Organizational structures and processes and the involvement of management and others. Contingency models of organizational design which stress the importance of factors such as size and environment in the design process. Organizational design as a rational managerial choice process and as a political process. Organizational design for specific purposes such as job design, information systems design, control systems design and reward system design.

#### 14.940G Accounting and Financial Management A S1 L2T1

*Prerequisite:* Nil.

An introduction to financial accounting and reporting for companies. Financial information systems design; internal controls. Traditional and alternative concepts and measures. Thinking about accounting.

#### 14.941G Accounting and Financial Management B S1 L2T1

*Prerequisite:* 14.996G or equivalent.

Techniques of financial analysis, and the design and operation of financial advisory systems which are associated with managerial choice. *Topics include:* individual and managerial choice — formalizing the choice process; corporate and financial modelling; product mix decisions — cost and demand estimation, cost-volume-profit analysis, linear and goal programming; scheduling decisions — inventory models; project evaluation, including network analysis and capital budgeting; management accounting systems as decision support systems.

#### 19.949G Management of Technical Specialities S2 L3

*Prerequisites:* 14.956G or 14.917G or 14.953G or 30.942G and 14.916G or equivalent, or approval of the Head of the School of Accounting.

The management of a technical speciality or specialist function in organizations. *Topics include:* accounting work, career paths, specialization; the accountant as manager; managerial work; structure and organization; structuration and organizing; interaction; rules and power; arenas, networks and games; the 'workplace arena'; the 'corporate arena'; the 'professional arena'; the 'client arena'; a 'window on policy' — the policy process; middle management of 'specialist functions'; disciplinary perspectives on managerial work.

#### 14.951G Current Development in Accounting Research — Financial S1 L3

*Prerequisite:* Admission to MCom(Hons) degree course in Accounting or 14.903G and 14.902G or 14.915G or equivalent.

Review of alternative approaches to the development of theories in external reporting. Explication and evaluation of substantive theories and associated research studies. Examination of research findings related to the accounting and reporting environment, agency cost and financial contracting, the properties of reported accounting numbers, predictive value of accounting information, the use of information in capital markets, and the use of accounting reports by individual decision makers.

#### 14.952G Current Developments in Accounting Research — Managerial S1 L3

*Prerequisite:* Admission to MCom(Hons) degree course in Accounting or 14.956G and 14.917G or 14.915G or equivalent.

Substantive theories and associated research studies in management accounting, emanating from different disciplinary frameworks and methodological perspectives. *Topics include:* management accounting — theory and practice; organization theory and management accounting theory — functionalist, contingency, power, symbolic, interpretive and radical perspectives; behavioural theories — behavioural decision theories, leadership theories, motivation theories; economic theories — the 'corporate failures' framework, agency theory; development of management accounting thought.

**14.955G Design of Cost Management Systems***Prerequisite: 14.996G or equivalent.*

Organizational and systems design in manufacturing and service organizations. Examination of how strategic cost management, including product costing and management control systems, can be used to increase the competitive effectiveness and efficiency of a business with particular emphasis on the interactive effects on performance of (a) strategic cost management, and (b) market and technology competitive strategies. Analysis of case studies set in contemporary manufacturing and service settings.

**14.956G Management Planning and Control S2 L3***Prerequisite: 14.996G or 30.935G or 14.989G or equivalent.*

Planning and control processes in organizations, and the involvement of management and management support personnel with them. *Topics include:* 'formal' and 'organizational' perspectives on management planning and control; planning and decision-making in organizations — some alternative perspectives and descriptions; planning and budgeting — theoretical perspectives and organizational descriptions; organization structures and structuration; control processes in organizations — some alternative perspectives; participation as a mode of organizational control; accounting control systems — some alternative perspectives; designing management accounting systems — prescription or organizational choice?; categorizing and evaluating the literatures on management planning and control.

**14.976G Special Topic in Accounting S1 or S2 L3***Prerequisite: 14.997G or equivalent.*

To assist MCom(Hons) students in completion of research project requirement. May consist of an examinable readings program defined to meet the needs of a particular student or a formal program undertaken by a group of students whose research projects are in a common area.

**14.970G Accounting Concepts and Financial Reporting S2 L3***Prerequisite: 14.940G or equivalent.*

Intermediate and advanced financial accounting including reporting objectives, statutory requirements, accounting standards, accounting for changing prices, consolidated financial statements and the analysis of published company reports.

**14.994G Thesis****14.996G Management Accounting Control Systems S2 L3***Prerequisite: 14.940G or equivalent.*

The design and operation of management accounting systems in organizational settings. *Topics include:* the function of

management accounting systems in organizations; design and organizational choice; design and operation of product costing systems, including job, operations and process costing systems; budgetary systems — outcomes and processes; design and operation of accounting control systems — responsibility accounting systems, standard costing and flexible budgets, relationships among accounting systems and administrative, social and personal control systems, divisional performance evaluation, transfer pricing.

**14.997G Seminar in Research Methodology S1 L3***Prerequisite: Admission to MCom(Hons) or BCom(Hons) degree courses in Accounting or Information Systems.*

The ways researchers identify and investigate problems, with particular emphasis upon the processes of providing information within organizations and to external participants of organizations. Hypotheses, models and theories; consideration of the relationship between research findings and policy-formation; review of some research methods which have been employed in accounting and related disciplines.

**14.999 Project Report****Servicing Subject**

A servicing subject is one taught within courses offered by other faculties.

For further information regarding the following subject see the Faculty of Engineering Handbook.

**14.062G Accounting for Engineers F L1½**

Problems related to industrial situations, and their relevance in decision-making. Manufacturing and cost accounts, budgeting and budgetary control, cost analysis and control and profit planning.

---

**School of Banking and Finance**


---

**98.868G Investment Analysis and Management S2 L3***Prerequisite: 98.984G or equivalent.*

The scope and nature of investment analysis and management. Investment analysis and management and the treasury function. Source of information on investments. The valuation process and approaches to valuation as applied to the full range of securities. Investment strategies; portfolio selection including the use of specialist markets for hedging; regulatory constraints. The efficient market hypothesis and the pricing of securities in the Australian Capital Market. Security analysis in an efficient market; evaluation of portfolio performance, fund management, the performance of investment companies.

**98.883G Finance A**

**S2 L3**

*Prerequisite or Co-requisite: 98.984G or equivalent.*

The nature and scope of business finance. Business finance and the treasury function in both the private and public sector. Organizational objectives and the assumed organizational goal of business finance. Agency theory and the resolution of conflicts of interest. Investment decisions; the evaluation of investment proposals under risk from both a private and public sector perspective; the application of quantitative techniques to assist judgements (including simulation and sensitivity analysis). Special topics in finance and treasury: cash and liquidity management; working capital management; credit policy; risk management and insurance; mergers and acquisitions.

**98.884G Finance B**

**S1 L3**

*Prerequisite: 98.883G or equivalent.*

Financing decisions. Financing and legal characteristics of securities. Capital structure decisions; theory, evidence and practice; legal constraints and their effect on capital structure decision. Measuring the cost of capital for private and public sector project evaluation. Use of valuation models to price corporate securities. Fair rate of return regulatory price setting. Special topics in business finance and treasury: lease appraisal, taxation and corporate policy, organizational arrangements for project development (including joint ventures, project financing, leverage leasing).

**98.925G Financial Institution Management**

**S2 L3**

*Prerequisites: 98.964G, 98.883G and 98.888G or equivalent.*

The application of modern finance theory and financial modeling techniques to financial decision-making and risk management in financial institutions both domestic and international. Topics include: **1.** Objectives of financial institutions from the perspective of portfolio, hedging and agency theories; **2.** Application of portfolio, arbitrage pricing, option pricing and corporate finance theories, to the management of assets, liabilities, capital structure and off-balance sheet operations of financial institutions; **3.** Interest rate risk management and financial future; **4.** Liquidity risk management; **5.** Loan portfolio management, credit evaluation models, loan pricing and credit rationing; **6.** Securities portfolio management; **7.** Capital adequacy and prudential regulation and management; **8.** International dimensions including exchange rate risk management and country risk assessment.

**98.984G Australian Capital Markets**

**S1 L3**

*Prerequisites: 14.940G, 15.114G and 15.417G or equivalent.*

Analysis of the markets for the financial assets including the money, bond, stock and futures markets; the structure of interest rates; flow of funds of financial institutions; the regulatory structure of markets and the interrelations among markets.

**98.973G Corporate Finance**

**S2 L3**

*Prerequisites: 14.940G and 15.114G or equivalent.*

Essential aspects of financial decision-making in business. Designed to enable the student to usefully employ the following

concepts in a business environment: investment decisions under uncertainty; cost of capital structure; mergers and take-overs; and working capital management.

**98.975G Seminar in Finance**

**S1 L3**

*Prerequisite: 98.625G or equivalent.*

Reviews the basic quantitative methods employed in research and in advanced studies in finance.

**98.976G Business Finance 4A**

**S1 L3**

*Prerequisite: 98.625 or equivalent.*

Further development of finance theory and evidence developed in the preceding subject including the theory of choice under uncertainty, capital market equilibrium, share return distribution evidence, OLS regression, properties and estimation of the market model, extensions of the basic capital asset pricing model, multi-period asset pricing and option pricing theory and evidence.

**98.977G Business Finance 4B**

**S2 L3**

*Prerequisite: 98.976G.*

The application of 'finance theory' to corporate financial decisions encompassing the 'state of the art' in the finance discipline. Includes decisions under certainty and uncertainty, the value additivity principle, capital structure and cost of capital, agency theory and capital structure, option pricing and the valuation of securities, dividend policy, leasing financing and mergers and acquisitions.

**98.979G Empirical Research in Finance**

**S1 L3**

*Prerequisite: 98.625 or equivalent.*

Empirical evidence on the tests of the theory of finance. Demonstration of the correspondence between the theory of finance and the empirical evidence. Focuses on investors' portfolio decisions and the pricing of securities in capital markets. An examination of the evidence on capital market efficiency and on the relationship between expected return and risk.

**98.982G International Corporate Finance**

**S2 L3**

*Prerequisite or co-requisite: 98.884G or equivalent.*

Management of the financial functions for firms operating in several separate countries. Necessary theory and evidence basic to an understanding of international capital and foreign exchange markets, the benefits of international diversification, use of the capital asset pricing model in foreign investment decisions and cost of capital, working capital management, the role of international banks and their evaluation of financial performance of firms.

**98.984G Finance Theory and Evidence**

**S1 L3**

*Prerequisite: 14.940G and 15.114G and 15.427G or equivalent.*

Valuation theories forming the foundation of the Finance discipline. *Topics include:* the nature of theory and theory development; the individual's fundamental allocative problem and its

solution under certainty; the role of the capital market in this process; the solution to an individual's fundamental allocative problem under uncertainty or risk; characterization of risk — the mean-variance approach; equilibrium pricing of securities, mean-variance and other models; the market model, the concept and its use for risk estimation; Arbitrage Pricing Theory and Evidence; Option Pricing Theory and Evidence.

#### 98.994G Thesis

#### 98.999G Project Report

### School of Information Systems

#### 19.926G Advanced Data Management S1 L1T2

*Prerequisites:* 19.989G and 19.992G or equivalent.

The principle and practice of data administration in a large organisation. Design, redesign and tuning of database. Distributed databases and database management systems. Reliability, security and integrity of the database.

#### 19.927G Knowledge Based Information Systems S2 L2T1

*Prerequisite:* 19.991G or equivalent.

Knowledge acquisition and representation methods, including knowledge engineering as applied to Expert Systems. Inferential mechanisms, artificial intelligence hardware and software applicable to knowledge based information systems. Evaluation, with project work, of expert systems tools and techniques in specified problem domains.

#### 19.928G Managing Software Development S2 L2T1

*Prerequisite:* 19.989G or equivalent.

Software engineering of complex systems, project planning and management, estimation models and techniques, project scheduling, software quality, reliability, assurance, software productivity models.

#### 19.953G Advanced Systems Management S2 L3

*Prerequisites:* 19.988G or equivalent MCom(Hons) degree course candidates—approval of Head of School of Information Systems.

Consideration of the information systems administration field with emphasis on implications for management. Information systems and the organization, the need for information for decision support purposes, organization of the data processing and information systems functions, the role of senior management in information systems administration. Project management techniques, project estimation, project control, EDP audit, security,

implications of privacy legislation, socio-technical issues. Data as a corporate resource, the implications of centralised and decentralised data management policies. Selection of computing equipment and associated software, turnkey systems, contract negotiation. An introduction to computer programming and elementary systems design concepts (for those who have not completed other Information Systems units).

#### 19.957G Operations Research for Management 1 S2 L3

*Prerequisites:* 19.996G and approved Quantitative Methods background or equivalent. MCom(Hons) degree course candidates—approval of Head of School of Information Systems.

Application of mathematical and statistical techniques to the solving of management problems with some emphasis on short term forecasting. The structuring of the decision problem, mathematical model construction, mathematical programming, probability and statistical decision theory, inventory and queueing theory. Simulation models and applications with particular reference to models of business organizations.

#### 19.983G Information Systems and Telecommunications S2 L2T1

*Prerequisite:* 19.989G or equivalent

Data communication networks, interfaces between networks and computers, data communications software, standard communication protocols, network architectures, distributed databases, design of information systems which include data communications.

#### 19.986G Research Topics in Information Systems 1 S1 L3

*Prerequisite:* Entry approval by the Head of the School of Information Systems.

A detailed study of current information systems research in the fields of software engineering, program design and technology related subjects.

#### 19.987G Research Topics in Information Systems 2 S2 L3

*Prerequisite:* Entry approval by the Head of the School of Information Systems.

A detailed study of current information systems research in the fields of decision support systems, information systems administration and distributed systems.

#### 19.988G Information Systems A S1 L2T1

*Prerequisite:* Nil.

Introduction to information systems and their importance within the organization, the principles of systems design, controls, file design, document design, an introduction to edp audit considerations, security. Hardware and software components of an information system, introduction to programming, programming style.

**19.989G Information Systems B**

**S2 L2T1**

*Prerequisite: 19.988G or equivalent.*

Techniques for selecting computer projects, examples of good and bad systems design, project work of systems design, advanced file design, database management systems, socio-technical issues. Developments in computer hardware, micro-processors, the importance of small business computers and distributed systems. Programming in Assembler and higher level languages, structured programming, programming team management.

**19.991G Decision Support Systems**

**S1 L3**

*Prerequisite: 19.989G or equivalent, or approved studies in information systems.*

Background to the development and implementation of decision support systems. User task specification, database specification, inter-active processing. An evolutionary methodology for DSS design. DSS project management, interfaces with management science techniques.

**19.992G Data Management**

**S1 L3**

*Prerequisite: Nil.*

A review of data management principles including both simple and complex file designs, and the concept of database management systems. Alternative database management system architectures, including network hierarchical and relational approaches. Database query systems, including relational algebra. Case studies and assignments embodying these principles.

**19.993G Special Topic in Information Systems**

**S1 or S2 L3**

*Prerequisites: 19.997G and 19.987G.*

A specially assigned project, program or set of readings relating to information systems research.

**19.994G Thesis**

**19.999G Project Report**

**99.920 Company Law**

**S1 L3**

*Prerequisite: 99.971G.*

The law relating to business organizations, including partnerships, joint ventures, trading trusts, and companies incorporated under the Companies (New South Wales) Code. Primary focus: company law and, in particular, the company as a corporate entity; capital; control and management; liquidation.

**99.921G Revenue Law**

**S1 L3**

*Prerequisite: 99.971G.*

The principles, administration and practice of income tax law. Legal and accounting approaches to taxable income. Tax planning concepts. Tax avoidance and evasion. Tax incidence and equity. Tax policies, provisions and problems in relation to selected entities. Principles of stamp duties, sales tax, land tax and payroll tax.

**99.922G Advanced Taxation: Concepts and Systems**

**S2 L3**

*Prerequisite: 99.783 or 99.921G or equivalent.*

The concept of income and its constituent elements: contraction to capital, recognition of capital in the tax base, deductible outgoings. The timing and recognition of income. Manipulations of the tax base: assignment, application and alienation of income. Taxation avoidance: judicial and legislative responses. Taxation administration with special reference to assessment and review procedures, powers of investigation, Commissioner's discretions, and administrative law procedures.

**99.923G Advanced Taxation: Organizations and Transactions**

**S2 L3**

*Prerequisite: 99.783 or 99.921G or equivalent.*

Organizational arrangements and taxation perspectives. Alternative institutional structures and taxation considerations; corporations, trusts, partnerships, joint ventures and other forms of business organization. Tax policies, provisions and problems in relation to selected commercial transactions. Aspects of international taxation with special reference to residence and source, taxation of foreign source income, taxation of non-residents, concepts in double tax agreements, evaluation of foreign investment proposals by Australian residents, evaluation of proposed investment in Australia, anti-avoidance measures.

**99.924G Advanced Taxation: Contemporary Issues**

**S2 L3**

*Prerequisites: 99.783 and 99.921G or equivalent.*

The structure of the tax base: income, capital, consumption. Assessment of the existing base and alternatives. Desired characteristics of a tax system: equity, neutrality, simplicity, acceptability, administrative efficiency, fiscal flexibility, ability to meet revenue needs. Specific forms of taxation. Official inquiries into taxation. Economic and social issues concerning taxation — taxation and social welfare. Tax reform: needs, problems, approaches. Taxes other than income tax: capital taxes, sales tax, land tax, payroll tax, stamp duty. Selected issues.

**Department of Legal Studies and Taxation**

**99.911G Legal Aspects of Finance**

**S1 L3**

*Prerequisite: 99.971G or equivalent.*

Commercial structures including companies, joint ventures, partnerships and trusts. Procedures for equity and debt financing of entrepreneurial schemes with special reference to both law and practice. The regulation of the securities market. Corporate restructuring including take-overs, mergers and reconstructions. The law of company charges. Aspects of the taxation of commercial financing.



**99.966G Advanced Studies in Company Law S1 L3**

*Prerequisite:* 99.920G or 99.777 or equivalent.

The law of corporations as a system of government including the constitutional allocation of corporate power; the separation of ownership from control with examples of control mechanisms; the enforcement of directors' duties; the judicial review of company behaviour and activity including minority protection and relations with outsiders; the legal nature of corporate securities; expansion devices; investigations and inspections; legal focus on corporate form and recognition; selected comparative aspects and reforms.

**99.971G The Legal Environment of Business S2 L3**

*Prerequisite:* Nil.

An introduction to the Australian legal system; the legal framework of business regulation: areas of substantive law relevant to commerce including the general principles of the law of contract, specialised commercial transactions, the regulation of restrictive trade practices and sales promotion.

**99.972G The Legal Regulation of Business S1 L3**

*Prerequisite:* 99.971G or equivalent.

The regulation of restrictive trade practices under the Trade Practices Act 1974 (Commonwealth) with special reference to collusive activity, distribution methods, pricing arrangements and abuse of market power. Consumer protection law with special reference to misleading and deceptive conduct under the Trade Practices Act. The legal framework of marketing strategy. Franchising. Advertising regulation.

**15.125G Economics B S2 L2T1**

*Prerequisite:* 15.114G.

Overview of the macroeconomy; determination of aggregate income, interest rate and employment in closed and open economies; theories of inflation; inflation and unemployment policy; monetarist and Keynesian controversies.

**15.154G Microeconomic Analysis 1 S1 L2T1**

*Prerequisites:* Different for MCom(Hons) and MCom degree candidates.

Theory of consumer equilibrium and analysis of demand, theory of production and costs, analysis of product markets, income distribution and factor markets.

**15.155G Microeconomic Analysis 2 S2 L2T1**

*Prerequisites:* Different for MCom(Hons) and MCom degree candidates.

General equilibrium approach to interdependent markets including linear general equilibrium models and input-output theory. Welfare implications of general competitive equilibrium. Failure to achieve Pareto optimality and the problems of 'second best' alternatives. Collective choice rules and problems of devising social welfare functions.

**15.174G Macroeconomics Analysis 1 S1 L2T1**

*Prerequisites:* Different for MCom(Hons) and MCom degree candidates.

Extension to the theories of consumption and investment; theories of demand and supply of money and interest rate determination. Short-term aggregative models of income, employment and price including the labour market; disequilibrium and rational expectations models.

**15.184G Macroeconomics Analysis 2 S2 L2T1**

*Prerequisites:* Different for MCom(Hons) and MCom degree candidates.

The external sector and international linkages; theories of fluctuations and growth; theories of inflation; Australian macroeconomic policy.

**15.199G Project Report (Economics) F**

*Compulsory requirement for students who are not enrolled in the thesis program in the MCom(Hons) program in the Department of Economics. Students should obtain copies of the statement (giving details of the requirements) from the Department of Economics prior to the end of the year preceding the year in which they intend to enrol for the Report.*

**15.204G International Economics S2 L2T1**

*Prerequisites:* 15.114G and 15.125G or equivalents.

Basic Theory and empirical evidence relating to international trade and investment tariffs and other impediments to trade, balance of international payments, exchange rates and international monetary problems. Long-term and more recent developments in international trade and the effects of regional trading arrangements. Australian policies in the light of developments in the world economy.

---

## School of Economics

---



---

## Department of Economics

---

**15.114G Economics A S1 L2T1**

*Prerequisite:* Nil.

Microeconomic theory and applications including consumer behaviour and the theory of demand; costs, production and the theory of the firm price determination under competition, monopolistic and oligopolistic markets; investment and technology; wages, and the distribution of income; welfare, economic efficiency and public policy.

**15.205G Seminar in Advanced Economic Analysis****SS L3***Prerequisites: 15.155G plus 15.184G or equivalents.*

Seminars will consider recent developments in a number of areas, such as social choice, rational expectations, capital theory, and the theory of the firm. Students are required to present papers on these topics.

**15.206G Economics of Labour Markets****S2 L2T1***Prerequisites: 15.114G plus 15.125G or equivalents.*

Traditional models of labour supply; participation and hours of work, immigration. Provision of training and skills, human capital theory. The theory of screening, specific and general skills models. Demand for labour, marginal productivity theory, labour hoarding, quit rates and turnover. Internal labour markets. The theory of wage differentials and the structure of earnings. Labour market segmentation. Trade unions and theories of bargaining.

**15.207G Development Economics****S1 L2T1***Prerequisites: 15.114G plus 15.125G or equivalents.*

Economic characteristics of less developed countries, with emphasis on their experience in the last decade, particularly in Asia and the Pacific. Analysis of policies related to international trade, aid and investment. Analytical tools for project and policy analysis. The role of international financial markets and international institutions (particularly World Bank and International Monetary Fund) in Promoting development goals.

**15.208G Public Finance****S2 L2T1***Prerequisites: 15.114G plus 15.125G or equivalents.*

Public expenditure and taxation, budgetary policy and federal-state financial relations; partial and general equilibrium analysis of taxation; incidence and resource allocation effects of income taxes, wealth taxes and outlay taxes.

**15.214G International Trade****SS L3***Prerequisites: 15.155G plus 15.204G or equivalents.*

Pure theory of international trade, with emphasis on the development of techniques suitable for problem-solving in this field. Theoretical aspects of customs unions, determination of exchange rates, effective versus nominal rates of protection, and criteria for rationalization of existing tariff structures. Empirical evidence on the determinants of international trade and capital movements.

**15.215G International Finance****S2 L3***Prerequisites: 15.184G plus 15.204G or equivalents.*

Foreign exchange market and stability conditions; classical and Keynesian theories of balance of payments adjustments; modern monetary and non-traded goods approaches to the analysis of exchange rate charges; exchange rate systems and optimum currency areas; policies for external and internal balance; international monetary systems.

**15.224G Public Sector Economics****SS L3***Prerequisite: 15.114G plus 15.125G or equivalents.*

The theory of public economic activity in the short-run and the long-run. Government objectives and the social welfare function. Equity and efficiency in revenue raising. The theory of public sector pricing and its applications. Techniques of investment appraisal, cost-benefit analysis and related issues. The application of cost-benefit analysis to transport; urban and other problems.

**15.225G Economics of Trade Practices, Regulation and Competition Policy****S2 L3***Prerequisite: 15.154G or equivalent.*

Not offered in 1989.

Concepts of market power and competition and the alternative approaches to the problem of market power; related issues in industrial structure and performance; implementation and consequences of competition policy in Australia, EEC, UK, US and Japan with special reference to monopolization, restraints of trade, horizontal and vertical arrangements, exclusive dealing, resale price maintenance, price discrimination, mergers, patents, and trademarks, multi-nationals, international cartels.

**15.234G Monetary Theory and Policy****S1 L3***Prerequisite: 15.184G or equivalent.*

Classical quantity theory; Keynesian theories of demand for money. Theory of portfolio equilibrium; supply of money and credit; monetarist and Keynesian views of money in economic growth models; monetary policy in an open economy.

**15.244G Resource Economics****S2 L3***Prerequisites: 15.114G and 15.125G or equivalents.*

Classification of renewable and non-renewable resources; reserves, resources and resource base; the concept and measurement of resource scarcity, costs, prices and rents; exhaustion of resources, ore quality, exploration, availability of substitutes; uncertainty of discovery, technical progress, market imperfections; renewable resources, sustainable yield concepts. Policy issues, with particular reference to Australia's role in the international economy.

**15.245G Contemporary Economic Issues****S1 L3***Prerequisites: 15.154G and 15.174G or equivalents.*

Seminars on contemporary economic issues.

**15.254G Urban and Regional Economics****S1 L2½***Prerequisite: 15.114G plus 15.125G or equivalents.*

Not offered in 1989.

Application of economic theory to the analysis of urban and regional development and growth. Topics include (in regional economics) location theory, regional income theory, labour and capital migration, and regional growth; and (in urban economics) intra-urban location theory, urban structure and growth, and urban policies.

**15.255G Seminar in International Economics S2**

*Prerequisites:* 15.214G and 15.215G (either as a prerequisite or co-requisite).

Seminars in applied international economic topics.

**15.297G Project Report**

**15.298G Economics Research Seminar**

**15.299G Thesis**

**15.417G Quantitative Analysis A S1 L3**

*Prerequisite:* Nil.

Matrix algebra with economic applications. Calculus, including constrained and unconstrained optimization. Introduction to linear and non-linear programming.

**15.425G Advanced Econometrics B S2 L3**

*Prerequisite:* Permission of the Head of the Department of Econometrics.

Two topics from the advanced literature of econometric theory and applications.

**15.427G Quantitative Analysis B S2 L3**

*Prerequisite:* 15.417G or equivalent.

Probability theory and sampling distributions including normal,  $t$ , chi-square and  $F$  distributions. Multiple regression: estimation and hypothesis testing. The Gauss-Markov Theorem. Economic applications of multiple regression emphasizing essential practical aspects of model building.

---

**Department of Econometrics**

---

**15.406G Advanced Econometrics C SS L3**

*Prerequisites:* 15.415G and 15.425G or equivalents, and permission of the Head of the Department of Econometrics.

Not offered in 1989.

Two topics from the advanced literature of econometric theory and applications. In recent years, these have included: time series modelling, Bayesian methods in econometrics, theory of income distribution, robust regression methods, the advanced theory of index numbers. Content depends on the research interest of staff members and changes regularly.

*Note:* Enrolment permitted only when all the topics to be covered differ from those previously studied by the student in an Advanced Econometrics unit.

**15.407G Elements of Econometrics S1 L2T1**

*Prerequisite:* 15.427G or equivalent.

The simple and multivariate regression models with economic applications emphasizing practical aspects of model building. Extensions of multiple regression models when the classical assumptions break down. Introduction to simultaneous equation models. Quantitative studies of applied econometric themes such as consumptions, demand, investment and production.

**15.415G Advanced Econometrics A S1 L3**

*Prerequisite:* Permission of the Head of the Department of Econometrics.

Two topics from the advanced literature of econometric theory and applications.

**15.432G Linear Economics S1 L2T1**

*Prerequisite:* 15.417G or equivalent.

As for 15.201M with additional work.

**15.433G Operations Research SS L3**

*Prerequisite:* 15.417G or equivalent.

Introduces operations research as the systematic application of quantitative methods to the analysis of problems involving decision making in economics and related disciplines. Linear programming, quadratic programming, and dynamic programming with applications to transportation, inventory, portfolio selection and other fields related to economics. In addition, students are required to undertake a case study requiring data collection and analysis.

**15.435G Advanced Mathematical Economics AS1 Hpw3**

*Prerequisite:* 15.474G or equivalent.

Not offered in 1989.

Value theory and general equilibrium analysis.

**15.437 Econometric Methods A S1 L2T2**

*Prerequisite:* 15.427G or equivalent.

Nature of the Econometric approach, objectives of applied econometrics, structural analysis, forecasting and policy evaluation. Estimation of regression models under classical assumptions, and break down of these assumptions: multicollinearity, autocorrelation, heteroskedasticity. Asymptotic distribution theory, errors in variables, stochastic regressors and instrumental variables, lagged dependent variables, seemingly unrelated regressions.

**15.440G Applied Econometrics A**

**S1 L3**

*Prerequisite: 15.447G or equivalent.*

The nature of applied econometrics. Practical limitations of standard econometric techniques: **1.** in the face of difficulties with data, **2.** in view of the theoretical assumptions underlying estimators and tests, **3.** in the light of ambiguities of interpretation of statistical results. Applications of econometric analysis to disaggregated data (e.g. business investment behaviour) and to aggregated data (e.g. national income forecasting).

**15.441G Applied Econometrics B**

**S2 L3**

*Prerequisite: 15.447G or equivalent.*

The system-wide approach to econometrics. Problems of specification, estimation, and hypothesis testing when complete systems of equations are studied. Applications using consumer demand, asset demand and market share models. Estimation and inference with nonlinear equation systems; maximum likelihood and nonlinear least squares.

**15.442G Economic Optimization and Dynamics**

**S2 L2T1**

*Prerequisite: 15.432G or equivalent.*

As for 15.202M with additional work.

**15.445G Advanced Mathematical Economics B**

**S2 L3**

*Prerequisite: 15.435G or equivalent.*

Not offered in 1989.

Two advanced topics in mathematical economics.

**15.447G Econometric Methods B**

**S2 L2T2**

*Prerequisite: 15.437G, or with the permission of the Head of the Department of Econometrics, 10.312C.*

Identification, specification and estimation of simultaneous equation models including forecasting, policy analysis and simulation. Estimation techniques include: two-stage least squares, three-stage least squares, limited information maximum likelihood and reduced form estimation.

Students build their own models using standard computer packages.

**15.448G Business Econometrics and Forecasting**

**S2 L3**

*Prerequisite: 15.427G or equivalent.*

The use of econometric and statistical techniques relevant to forecasting in a business environment. Computer implementation of the methods and the study of applied work is emphasized in this non-specialist course. Short-term forecasting using time series analysis (Box-Jenkins) methods. Long-term forecasting with S-shaped growth curves and trend analysis.

**15.449G Applied Economic Statistics**

**S1 L3**

*Prerequisite: 15.427G or equivalent.*

Applied multivariate analysis to examine the techniques of principal components, factor analysis, discriminant analysis and cluster analysis. Sample survey design and analysis. Non-parametric methods in statistical inference. In addition, students undertake a case study requiring data collection and analysis.

**15.456G Operations Research in Economics**

**S2 L3**

*Prerequisites: 15.427G, 15.114G and 15.125G or equivalents.*

Operations research methods applied to the analysis of problems involving decision making in economics and related disciplines. Emphasis is on decision making within stochastic, dynamic systems, using such methods as computer simulation and dynamic programming separately and in combination. Applications to such topics as inventory control, natural resources management and other fields related to commerce.

**15.465G Measurement of Income Inequality**

**S1 L3**

*Prerequisite: 15.427G or equivalent.*

As for 15.207M with additional work.

**15.474G Mathematical Economics A**

**S1 L3**

*Prerequisites: 15.417G plus one of 15.432G or 15.442G or 15.154G or 15.174G or equivalents.*

As for 15.301M with additional work.

**15.475G Monte Carlo Methods and Simulation Techniques**

**S2 L3**

*Prerequisite: 15.437G or equivalent. Co-requisite: 15.447G.*

Not offered in 1989.

As for 15.425M with additional work.

**15.483G Applied Demand Analysis**

**S2 L3**

*Prerequisite: 15.427G or equivalent.*

As for 15.305M with additional work.

**15.484G Mathematical Economics B**

**S2 L3**

*Prerequisites: 15.417G plus one of 15.432G or 15.442G or 15.154G or 15.174G or equivalents.*

As for 15.302M with additional work.

**15.485G Seminar in Advanced Econometrics**

Not offered in 1989.

Topics to be arranged.

**15.495G Advanced Mathematical Economics C****SS L3**

*Prerequisites:* 15.435G and 15.445G or equivalents, and permission of the Head of the Department of Econometrics.

Not offered in 1989.

Selected advanced topics in mathematical economics. In recent years, these topics have included: general equilibrium analysis, capital theory, theories of economic growth, advanced control theory. The subject content depends on the research interests of staff members and changes regularly.

*Note:* Enrolment permitted only when all the topics to be covered differ from those previously studied by the student in an Advanced Mathematical Economics unit.

**15.497G Thesis****15.498G Econometrics Research Seminar**

Students enrolled in 15.499G are required to present a seminar on their research topic.

**15.499G Project Report****15.953G Approaches to Economic and Social History****S1 L2T1**

*Prerequisite:* Nil.

Perspectives, themes and tools involved in the study of modern economic and social history. Shows that the historian concentrates upon particular problems and methods of analysis which define the subject of history as a discipline in its own right. Provides a degree of unity to the varied knowledge gained by students in other economic history courses; allows students to come to grips with important problems of a general nature.

**15.954G Seminar in Research Methods****S2 L2**

*Prerequisite:* Nil.

**15.955G Aspects of Australian Economic Development****S2 L2T1**

*Prerequisite:* Nil.

The choice of Botany Bay, the search for a staple, the pastoral economy effects of the gold rushes, the long boom. Economic collapse of the 1890s and readjustment. Changing structure of the Australian economy in the 20th century; population change and labour supply; capital accumulation; growth of manufacturing; rural problems; external economic relationships; institutional developments; tariffs, banking, State enterprises, wage determination, Federal-State finances; the Great Depression and its aftermath; war economy; post-war developments.

**Department of Economic History****15.951G The International Economy Since 1850****S1 L2T1**

*Prerequisite:* Nil.

Delineation and analysis of the main changes in the international economy since 1850. The migration of capital and labour; changes in the composition and pattern of international trade; international monetary arrangements; barriers to trade and efforts to reduce them; the effects of war on international economic relations; the emergence of economic regionalism; the North-South Dialogue; the rise of the Pacific Rim economies; the Socialist World and the international economy.

**15.952G The Modern Business Corporation****S2 L2T1**

*Prerequisite:* Nil.

The origin, history and attributes of the modern business corporation in industrial economies including Australia; growth of the large firm in its external economic, political, social and institutional environment; impact of the modern corporation on the structure of the economy; the changing internal organization of the corporation and the growth of modern management; the history of the multi-national enterprise and an evaluation of home and host-country impacts; business policy in the context of government regulation and trade unions; the economic and social implications of the modern corporation.

**15.957G Comparative Economic History****S2 L2T1**

*Prerequisite:* Nil.

Comparative study of the economic history of India, China and Japan. Similarities and dissimilarities in their experience of economic change. Explanations are sought in terms of the different roles played by agriculture, industrialization, capital formation, government activity, ideology and external economic forces in the evolution of these economies.

**15.959G Research Seminar****15.960G Thesis****15.965G Science, Technology and Economic Development****S1 L2T1**

*Prerequisite:* Nil.

The several functions of science and technology in development, past, present and possible future. Development economics and sociology; case studies, ranging from nineteenth century Japan to China since 1950. The place of technology in contemporary development and the role of international institutions (eg, multinational corporations) in transferrals of scientific and technical knowledge. The 'appropriateness' of introduced technique and the concept of alternative technology and alternative development patterns.

**60.554G American Labor, 1880-1980**

**S2 L3**

*Prerequisite: Nil.*

The economic and social history of the American labor movement, and its present-day characteristics and problems. The emergence of the AFL-CIO, and the various radical alternatives which have, at times, emerged. Non-institutional aspects of American labor such as class-consciousness, affluence and poverty, the tradition of violence, social mobility and ethnicity.

## Marketing

**28.801G Japanese Studies 1**

**S1 L3**

*Prerequisite: Nil.*

Japanese society and culture, specifically the areas relating to economic life and business behaviour. Moral and philosophical assumptions, the 'Family System' and socialization patterns, the education system and other social and cultural features. Examination of such concepts as 'Groupism', 'The Vertical Society' and 'Oyabun-kobun'.

**28.802G Japanese Studies 2**

**S2 L3**

*Prerequisite: Nil.*

More detailed treatment of the issues introduced in 28.801G. Intercultural influence and Japanese nationalism, the adoption of European and American systems and practices in the modern period, and recent economic and political problems.

**28.901G Buyer Behaviour**

**S2 L3**

*Prerequisites: 28.911G and 28.912G or equivalents.*

*Note: Different prerequisites apply for MCom(Hons) degree course.*

Family influences on purchasing behaviour. Interpersonal influences, especially word of mouth. Consumer decision processes.

**28.903G International Marketing**

**S1 or S2 L3**

*Prerequisites: 28.928G, 28.914G, 28.913G and 28.901G or equivalents.*

*Note: Different prerequisites apply for MCom(Hons) degree course.*

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 with emphasis on marketing in Asia, particularly Japan.

**28.905G Marketing Strategy**

**S1 or S2 L3**

*Prerequisite: 28.929G or equivalent.*

*Note: Different prerequisites apply for MCom(Hons) degree course.*

Plays an integrating role, enabling the student to consider the implication of the specialized courses for the problem of for-

mulating marketing strategy. While the teaching method centres on the use of Australian cases, students are expected to read widely in the relevant journals and to contribute insights from this reading to discussions.

**28.907G Seminar in Contemporary Marketing Issues**

**S1 or S2 L3**

*Prerequisites: 28.928G, 28.914G, 28.913G and 28.901G or equivalents.*

*Note: Different prerequisites apply for MCom(Hons) degree course.*

Varies from year to year, but subject matter is drawn from such topics as consumerism, ethics in marketing, the role of marketing systems in economic development, power and conflict in marketing channel systems and resale price maintenance.

**28.908G Introduction to Japanese Business**

**S1 L3**

*Prerequisite: Nil.*

Multi-sided introduction to Japan, explaining the major features of the country's business system and business behaviours in economic, sociological, cultural and historical terms, including government-business relations, money and banking, management and labour, marketing and distribution and oligopolistic trading companies.

**28.909G Contemporary Japanese Business**

**S2 L3**

*Prerequisite: 28.908G.*

Japanese business and business activities today, both domestic and international. Emergence of Zaibatsu industrial/banking conglomerates and the multinational trade/development companies, interactions amongst government, business and consumers, foreign companies in Japan, growth of Japanese-western business interactions and negotiations.

**28.911G Marketing A**

**S1 L3**

*Prerequisite: Nil.*

Some of the major theories and concepts in psychology, sociology, and social psychology provide a background for the study of consumer behaviour. Behavioural topics include measurement and scaling, attitudes, motivation, peer group influences, social institutions, and culture. Deterministic models of consumer behaviour including the purchase decision process, advertising and communication, and consumer segmentation. Stochastic models of consumer behaviour.

**28.912G Marketing B**

**S2 L3**

*Prerequisite: Nil.*

Systems oriented, not primarily concerned with marketing management. Exchange; the institutions that channel exchange; the environment of marketing systems and the changes brought about by internal and external pressures. Principal components of a marketing system (manufacturers, distributors, consumers) and the roles of secondary components such as government, regulating bodies, advertising agencies, including Power and the role of political processes. The particular impact of Trade Practices and consumerism at State and Federal levels in Australia.

**28.913G Marketing Management****S1 L3**

*Prerequisites:* 28.911G and 28.912G or equivalents.

Conceptual framework relevant to the practice of marketing management developing an understanding of the market function. Emergence of a broader concept of marketing; relationship between corporate and marketing strategy; the marketing environment; market segmentation; marketing planning; determination of product, price channel, advertising and salesforce policies; marketing control.

**28.914G Marketing Research****S2 L3**

*Prerequisites:* 28.911G, 28.912G and 28.928G or equivalents.

Practical introduction to marketing research. Tools and techniques of research and their use in the project approach to information gathering. Problem definition and research design, questionnaire design, sampling, interviewing, interpretation and reporting. Quantitative techniques of data analysis and significance testing.

**28.921G Sales Management****S1 or S2 L3**

*Prerequisites:* 28.928G, 28.914G, 28.913G and 28.901G or equivalents.  
*Note:* Different prerequisites apply for MCom(Hons) degree course.

Methods of determining the size and disposition of the salesforce; organization of territory call cycles and management; development of selling strategies and the formulation of tactical plans. Identifying the arranging initial and continuous sales and product training. Techniques of analyzing transactions and options at any stage of the transaction; stimulating creativity in selling; understanding the concepts of field salesforce control, standard setting, assessment and counselling and man management.

**28.922G Industrial Marketing****S1 or S2 L3**

*Prerequisites:* 28.928G, 28.914G, 28.913G and 28.901G or equivalents.  
*Note:* Different prerequisites apply for MCom(Hons) degree course.

Special features of the industrial market; demand for industrial goods; the industrial buying decision; industrial market segmentation; industrial marketing research; product planning and development; marketing channels and physical distribution; pricing industrial goods; promoting industrial goods; personal selling and sales organization, industrial advertising, industrial shows and exhibits, publicity, public relations; customer service and relations; industrial marketing management and control.

**28.925G Comparative Marketing Systems****S1 or S2 L3**

*Prerequisite:* 28.912G or equivalent.

*Note:* Different prerequisites apply for MCom(Hons) degree course.

Comparative study of the marketing systems of countries at various levels of economic development, involving a consideration of the relation between social conditions 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. Problems and possibilities of international marketing.

**28.926G Seminar in Marketing Theory 1****S1 or S2 L3**

*Note:* Different prerequisites apply for MCom(Hons) degree course.

Nature and development of scientific theories. Formal requirements. Concepts of power and range. Critical analysis of theories dealing with: product decision-making, distribution, advertising, buyer behaviour.

**28.927G Methods of Marketing Research****S2 L3**

*Note:* Different prerequisites apply for MCom(Hons) degree course.

Treatment in depth of topics briefly covered in 28.052 Marketing Research: research design, psychometric attributes of measuring instruments, univariate and multivariate analysis. Investigation in the form of a project as an exercise in the application of methods studied in the seminar.

**28.928G Quantitative Analysis in Marketing****S1 L3**

*Prerequisites:* 28.911G and 28.912G or equivalents.

Mathematics as a language for model building; networks and trees; dynamic programming and resource allocation; decision analysis; linear and non-linear optimization models; simulation; use of micro computers in marketing decision making.

**28.929G Marketing Planning and Policy****S1 or S2 L3**

*Prerequisites:* 28.928G, 28.914G, 28.913G and 28.901G or equivalents.

Case analyses of marketing planning and policy, including environmental appraisal, organizational response, product policy, pricing, distribution, promotion and issues relating to consumerism and the development of legislation. Examples are drawn from the public and the private sectors.

**28.994G Thesis****28.998G Research Seminar****F Sem4**

*Co-requisite:* 28.999G or 28.994G.

**28.999G Project Report**


---

## School of Industrial Relations and Organizational Behaviour

---

**30.505G Comparative Industrial Relations — Developed Countries****SS L3**

*Prerequisites:* 30.575G or equivalent.

Detailed comparative analysis of industrial relations issues in a number of overseas countries in advanced stages of industrialization. Extension of material in 30.541 Comparative Industrial Relations: Developed Countries, with emphasis on the origins, evolution, structure, operation, problems and philosophy of industrial relations in a select number of countries.

## **30.525G Industrial Relations Case Studies A S1 L3**

*Prerequisite: 30.575G or equivalent.*

Case studies highlighting industrial relations issues at the plant or local level.

## **30.535G Comparative Industrial Relations — Less Developed Countries SS L3**

*Prerequisite: 30.575G or equivalent.*

A detailed comparative analysis of industrial relations issues in a number of countries at early and intermediate stages of economic development. Extension of material covered in 30.547 Comparative Industrial Relations: Less Developed Countries, focusing on: the development of industrial labour forces; the evolution of functioning of institutions important to industrial relations; the role of governments in labour markets; and the emergence of alternate patterns labour-management relations.

## **30.545G Industrial Relations Case Studies B S2 L3**

*Prerequisite: 30.575G or equivalent.*

Case studies highlight industrial relations issues at the industry and national level. Extension of 30.548 Industrial Relations Case Studies B.

## **30.555G Industrial Relations Project Seminar A S1 L3**

*Prerequisite: 30.575G or equivalent.*

In-depth examination of an established body of industrial relations literature. Extension of 30.546 Industrial Relations Project Seminar A. Subject to the availability of appropriate supervision, topics can be drawn from the mainstream of industrial relations literature or from the component disciplines including labour economics, industrial psychology, industrial law, industrial sociology and labour history.

## **30.565G Industrial Relations A S1 L3**

*Prerequisite: Nil.*

Concepts and issues in Australian industrial relations at the macro or systems level, with overseas comparisons where appropriate. Labour movements and the evolution of employee-employer relations in the context of industrialization and change; origins and operations of industrial tribunals at the national and state levels; structure, operation and objectives of Australian trade unions and employer bodies; role of governments and their instrumentalities; nature of industrial conflict and procedures for conflict resolution such as arbitration and bargaining; and national wage policy.

## **30.575G Industrial Relations B S2 L3**

*Prerequisite: 30.565G or equivalent.*

Concepts and issues in Australian industrial relations at the plant or work place level, with overseas comparisons where appropriate. The meaning of work; alienation in the work place; techno-

logical determinism; retraining, job restructuring and job enrichment schemes; worker participation and control; productivity bargaining; and union and employer body operation at the plant level.

## **30.576G Industrial Relations Project Seminar B S2 L3**

*Prerequisite: 30.575G or equivalent.*

In-depth examination of an established body of industrial relations literature. Extension of 30.549 Industrial Relations Project Seminar B. Subject to the availability of appropriate supervision, topics can be drawn from the mainstream of industrial relations literature or from the component disciplines including labour economics, industrial psychology, industrial law, industrial sociology, and labour history.

## **30.577G Manpower Policy SS L3**

*Prerequisite: 30.575G or equivalent.*

Origins, evolution and operation of Australian manpower policy, compared and contrasted with policies overseas. Extension of 30.556 Labour Market Strategies and Policies to examine issues in the development and deployment of human resources, including: human capital theory and its application; training, retraining and work assistance schemes; mobility programs, covering industrial, geographic and vocational labour mobility; occupational choice theory and practice; nature and manpower implications of various forms of unemployment, including structural, frictional, seasonal and disguised or hidden; manpower projections and manpower planning, at the enterprise and national level; and labour market discrimination.

## **30.578G Wages and Incomes Policy SS L2T1**

*Prerequisite: 15.125G or 30.575G or equivalent.*

Relationships between movements in wage and salary incomes to desired economic objectives. Extension of 30.557 Wages and Income Policy. Formulation and administration of wages and incomes policies, and the role of trade unions, employers and government institutions. Overseas experience implications for Australian practices, institutions and policies. Evolution of wage concepts and standards; wage structure, relativities and differentials; trade union pushfulness and product pricing decisions; earnings drift; and principles of criteria for wage fixation, including capacity to pay, 'needs' elements, productivity gearing, minimum and social wage levels and manpower issues.

## **30.579G Industrial Conflict SS L2T1**

*Prerequisite: 30.575G or equivalent.*

Extension of 30.566 Industrial Conflict. Conceptualization of industrial conflict. Theories of industrial and class conflict. International comparisons of collective action. Inter-industry studies of strikes. Plant level analyses of management control and labour resistance. Case studies of strikes with emphasis on social psychological processes. Structures and procedures for the institutionalization of conflict with special reference to Australian materials. The mass media and the distortion of industrial reality.



**30.580G Social Aspects of Work and Unionism****SS L3***Prerequisite: 30.575G or equivalent.*

Application of sociological principles to the study of trade unions and to the examination of the changing nature of work in industrial society. Extension of 30.567 Social Aspects of Work and Unionism. Authority structures in work situations; occupational structures; bureaucracy and democracy in trade unions; professionalism and the growth of white collar unionism; the social role of trade unions; worker and management attitudes to industrial relations issues; and discrimination and prejudice in the work context.

**30.581G Industrial Relations Theory****SS L2T1***Prerequisite: 30.575G or equivalent.*

Major theoretical developments within academic industrial relations. Theories of the labour movement, in particular the work of the Webbs, Lenin, Commons, Perlman and Hoxie. Developments within the tradition of grand theory, including Dunlop's systems model, Kochan's refinements, pluralism, marxism, corporatism and theories of regulation. Australian works are examined and analyzed to relate discussions to the Australian scene.

**30.582G Industrial Relations Methods****S2 L2T1***Prerequisite: 30.575G or equivalent.*

Evaluation and acquisition of skills utilized by industrial relations practitioners. Extension of 30.574 Industrial Relations Methods: content and character of industrial awards and agreements; preparation of logs of claim; industrial advocacy; tactics and techniques of negotiating and bargaining; data sources of wage, employment, productivity and other material important in industrial relations practice; conciliation and arbitration procedures.

**30.586G Industrial Relations Research Methodology****S1 L2T1***Prerequisite: 30.575G or equivalent.*

Principles, procedures, techniques and data sources used for research in industrial relations. Extension of 30.575 Industrial Relations Research Methodology.

**30.587G Leisure in Society****SS L3***Prerequisite: 30.575G or equivalent.*

Role of leisure in society; historical account of the growth of recreation facilities, emphasizing the role of urbanization, technological environment, income distribution and working hours; commercialization of leisure with particular reference to the economics of sports and the performing arts; sociological role of leisure; industrial relations of professionalism; and the future of leisure with particular reference to the government's involvement.

**30.588G Seminar in Contemporary Industrial Relations Issues**

A non-credit subject available to students only at the direction of the Head of the School of Industrial Relations and Organizational Behaviour.

Visiting industrial relations specialists from trade unions, employers, government departments and other universities lead seminar discussion on issues of contemporary interest.

**30.594G Thesis (Industrial Relations)****30.598G Industrial Relations Research Seminar****30.935G Organizational Behaviour****S1 L3***Prerequisite: Nil.*

Relationships between individuals and organizations. Individual behaviour—personality, perception, motivation, learning, performance. Organizations as settings for individual behaviour—types of organization, work organizations. Interaction, groups and work groups. Organizational influences on work behaviour: structural factors and the design of work; reward systems; organizational cultures and social influences. The development of individual-organization relationships: participation, socialization, careers; conflict, stress and adaptation; organizational effectiveness.

**30.936G Organizational Change and Development****S1 L3***Prerequisite: 30.942G or 14.956G or equivalents.*

The theory and practice of change in organizations with special attention to the behavioural and social science methods available for achieving planned change objectives and sustained improvements in organizational performance at the individual, group and system levels. Nature and use of diagnostic tools—questionnaires, survey and feedback, data collection methods, resistance to change, group problem-solving, participative redesign, evaluation and the recursive process. Case studies in organizational change.

**30.938G Japanese Employment and Productivity****S1 L3***Prerequisite: 30.935G or equivalent.*

Japanese organisational studies relevant to the inter-relationship of employment and productivity and their influence in Australia. Key issues discussed include: adaptation to change, organisational concepts and concerns, contributions to dynamic comparative advantage, skill formation and work organisation, organisational participation and learning and the processes and barriers to the transfer of technocultures.

**30.942G Organization and Society****S2 L3***Prerequisite: 30.935G or equivalent.*

The relationships between major socio-cultural institutions and the structure, control and management of private and public organizations. The way changes in those institutions affect organizations and their ways of working through the actions of interest groups, variations in property rights, economic developments, governmental regulation, employee participation in managerial decision-making, etc.

**30.955G Human Potentialities**

**S2 L3**

*Prerequisite: 30.935G or equivalent.*

Development of core skills in identifying and realising human potentialities, enabling participants to formulate and experiment with strategies for personal development attuned to their own talents and opportunities. Issues include dominance and assertion, management of stress, the nature and dynamics of awareness, creativity and skill, peak experiences and flow experiences, approaches to self realization, including gestalt, analytic approaches, biofeedback and guided imagery.

**30.958G Organizational Communications**

**S2 L3**

*Prerequisite: 30.935G or equivalent.*

Communication is both an end and a means to an end for members of complex organizations. As an end, the patterned inputting, processing and outputting of information is the network of interdependent relationships that we come to call an organization. Thus communication is organizing. As a means to an end, communication suggests the ways that govern the interaction of organizational members exchanging messages in service of such outcomes as decision making, innovation, etc. Organizational communication therefore is the study of the flow of messages in an information network as well as the uses made of those messages by network participants for the overall attainment of organizational goals.

**30.959G Special Topic in Organizational Behaviour**

**S1 or S2 L3**

*Prerequisites: 30.936G or equivalent, and permission of the Head of Program.*

This subject is available only to final-year students specializing in organizational behaviour who have a distinguished record and who wish to carry out a specific investigation or project. Approval from the co-ordinator of the program must be obtained prior to enrolling in this subject. However, before approaching the co-ordinator for approval, a student must have discussed his or her proposal with a member of the staff who might be expected to supervise the project.

**30.960G Technological Change and Organizational Participation**

**S1 L3**

*Prerequisite: 30.942G or 14.956G or equivalent.*

The complex relationships between technological transfers change and organizational participation in societies using advanced technology, with particular reference to Australia, California, Japan, Germany and the Nordic nations. Key issues include: the relationship between technological change and sociotechnical systems, skill formation, organizational learning, industrial relations, humanization of work, organizational equity, participation, and power.

**30.965G New Directions in Organization Theory**

**S2 L3**

*Prerequisites: 30.936G or 14.949G or equivalent.*

A review of important historical phases in the development of Organization Theory as a basis for viewing new directions. Internationalism and segmentation in developments (eg trends

in U.S.A. versus Europe). Paradigmatic arrangement of developments. Review of the recent literature. Concentrated examination of a few emerging substantive, theoretical or methodological issues (eg inter-organization studies, inter-cultural studies, organizational cultures and symbolism, power in and around organizations, dialectical theories, naturalistic research).

**30.970G Advanced Seminar in Organizational Behaviour A**

**S1 L3**

*Available to MCom(Hons) degree course students only.*

Advanced topics chosen each year from recent developments in theories of organizational behaviour.

**30.971G Advanced Seminar in Organizational Behaviour B**

**S2 L3**

*Prerequisite: 30.970G or equivalent.*

Recent advances in organization theory: development of increased personal maturity and interpersonal skills: small group theory and its application to work groups; strategies for the management of organizational change, including conflict management, intergroup co-ordination and organizational design; sociotechnical systems theory. Advanced topics chosen from recent developments in theories of organizational behaviour.

**30.972G Organizational Behaviour Graduate Research Seminar**

**S1 or S2 L3**

*Available to MCom(Hons) and PhD degree course students only.*

Research methods and research design for studies in organizational behaviour; critique of thesis work in progress.

**30.999G Thesis (Organizational Behaviour)**

**Graduate Study**

# Conditions for the Award of Higher Degrees

Rules, regulations and conditions for the award of first degrees are set out in the appropriate Faculty Handbooks.

For the list of undergraduate courses and degrees offered see **Faculty (Undergraduate Study)** in the Calendar.

The following is the list of higher degrees and graduate diplomas of the University, together with the publication in which the conditions for the award appear.

For the list of graduate degrees by research and course work, arranged in faculty order, see **Table of Courses (by faculty); Graduate Study in the Calendar**.

For the statements **Preparation and Submission of Project Reports and Theses for Higher Degrees and Policy with respect to the Use of Higher Degree and Theses** see the **Calendar**.

**First Degrees****Higher Degrees**

Title	Abbreviation	Calendar/Handbook
Doctor of Science	DSc	Calendar
Doctor of Letters	DLitt	Calendar
Doctor of Laws	LLD	Calendar
Doctor of Medicine	MD	Calendar Medicine
Doctor of Philosophy	PhD	Calendar and all handbooks
Master of Applied Science	MAppSc	Applied Science
Master of Architectural Design	MArchDes	Architecture
Master of Architecture	MArch	Architecture
Master of Archives Administration	MArchivAdmin	Professional Studies

**Higher Degrees**

**Higher Degrees  
(continued)**

Title	Abbreviation	Calendar/Handbook
Master of Arts	MA	Arts University College
Master of Biomedical Engineering	MBiomedE	Engineering
Master of Building	MBuild	Architecture
Master of the Built Environment	MBEnv	Architecture
Master of the Built Environment (Building Conservation)		
Master of Business Administration	MBA	AGSM
Master of Chemistry	MChem	Sciences *
<b>Master of Commerce (Honours)</b>	<b>MCom(Hons)</b>	<b>Commerce</b>
<b>Master of Commerce</b>	<b>MCom</b>	<b>Commerce</b>
Master of Construction Management	MConstMgt	Architecture
Master of Education	MEd	Professional Studies
Master of Educational Administration	MEdAdmin	Professional Studies
Master of Engineering	ME	Applied Science Engineering University College
Master of Engineering <i>without supervision</i>	ME	Applied Science Engineering
Master of Engineering Science	MEngSc	Engineering University College
Master of Environmental Studies	MEnvStudies	Applied Science
Master of Health Administration	MHA	Professional Studies
Master of Health Personnel Education	MHPed	Medicine
Master of Health Planning	MHP	Professional Studies
Master of Industrial Design	MID	Architecture
Master of Landscape Architecture	MLArch	Architecture
Master of Landscape Planning	MLP	Architecture
Master of Laws	LLM	Law
Master of Librarianship	MLib	Professional Studies
Master of Management Economics	MMgtEc	University College
Master of Mathematics	MMath	Sciences *
Master of Music	MMus	Arts
Master of Nursing Administration	MNA	Professional Studies
Master of Optometry	MOptom	Sciences *
Master of Paediatrics	MPaed	Medicine
Master of Physics	MPhysics	Sciences *
Master of Project Management	MPM	Architecture
Master of Psychology (Clinical)	MPsychol	Sciences §
Master of Psychology (Applied)	MPsychol	Sciences §
Master of Safety Science	MSafetySc	Engineering
Master of Science	MSc	Applied Science Architecture Engineering Medicine Sciences * § University College
Master of Science <i>without supervision</i>	MSc	Applied Science Architecture Engineering Medicine Science

Title	Abbreviation	Calendar/Handbook
Master of Science (Acoustics)	MSc(Acoustics)	Architecture
Master of Science (Industrial Design)	MSc(IndDes)	Architecture
Master of Science and Society	MScSoc	Arts
Master of Social Work	MSW	Professional Studies
Master of Statistics	MStats	Sciences*
Master of Surgery	MS	Medicine
Master of Surveying	MSurv	Engineering
Master of Surveying <i>without supervision</i>		Engineering
Master of Surveying Science	MSurvSc	Engineering
Master of Town Planning	MTP	Architecture
Master of Welfare Policy	MWP	Professional Studies
Graduate Diploma	GradDip	Applied Science Architecture Engineering Sciences* §
	DipPaed	Medicine
	DipEd	Professional Studies
	DiplM-ArchivAdmin DiplM-Lib	
	DipFDA	Sciences*

**Higher Degrees  
(continued)**

**Graduate Diplomas**

\*Faculty of Science.

§Faculty of Biological and Behavioural Sciences.

1. The degree of Doctor of Philosophy may be awarded by the Council on the recommendation of the Higher Degree Committee of the appropriate faculty or board (hereinafter referred to as the Committee) to a candidate who has made an original and significant contribution to knowledge.

2. (1) A candidate for the degree shall have been awarded an appropriate degree of Bachelor with Honours from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Committee.

(2) In exceptional cases an applicant who submits evidence of such other academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the degree.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment as a candidate for the degree.

3. (1) An application to enrol as a candidate for the degree shall be made on the prescribed form which shall be lodged with the Academic Registrar at least one calendar month before the commencement of the session in which enrolment is to begin.

(2) In every case, before permitting a candidate to enrol, the head of the school\* in which the candidate intends to enrol shall be satisfied that adequate supervision and facilities are available.

**Higher Degrees  
Doctor of Philosophy  
(PhD)**

**Qualifications**

**Enrolment and  
Progression**

\*Or department where a department is not within a school, or schools or departments where the research is being undertaken in more than one school or department.

- (3) An approved candidate shall be enrolled in one of the following categories:  
(a) full-time attendance at the University;  
(b) part-time attendance at the University.
- (4) A full-time candidate shall be full engaged in advanced study and research except that the candidate may undertake not more than five hours per week or a total of 240 hours per year on work which is not related to the advanced study and research.
- (5) Before permitting a part-time candidate to enrol, the Committee shall be satisfied that the candidate can devote at least 20 hours each week to advanced study and research for the degree which (subject to (8)) shall include regular attendance at the school\* on an average of at least one day per week for 48 weeks each year.
- (6) A candidate shall be required to undertake an original investigation on an approved topic. The candidate may also be required to undergo such assessment and perform such other work as may be prescribed by the Committee.
- (7) The work shall be carried out under the direction of a supervisor appointed from the full-time academic members of the University staff.
- (8) The work, other than field work, shall be carried out in a school\* of the University except that the Committee:
- (a) may permit a candidate to spend not more than one calendar year of the program in advanced study and research at another institution provided the work can be supervised in a manner satisfactory to the Committee;
- (b) may permit a candidate to conduct the work at other places where special facilities not possessed by the University may be available provided the direction of the work remains wholly under the control of the supervisor;
- (c) may permit a full-time candidate, who has been enrolled as a full-time candidate for at least six academic sessions, who has completed the research work and who is writing the thesis, to transfer to part-time candidature provided the candidate devotes at least 20 hours each week to work for the degree and maintains adequate contact with the supervisor.
- (9) The progress of a candidate shall be reviewed annually by the Committee following a report by the candidate, the supervisor and the head of the school\* in which the candidate is enrolled and as a result of such review the Committee may cancel enrolment or take such other action as it considers appropriate.
- (10) No candidate shall be awarded the degree until the lapse of six academic sessions from the date of enrolment in the case of a full-time candidate or eight academic sessions in the case of a part-time candidate. In the case of a candidate who has had previous research experience the committee may approve remission of up to two sessions for a full-time candidate and four sessions for a part-time candidate.
- (11) A full-time candidate for the degree shall present for examination not later than ten academic sessions from the date of enrolment. A part-time candidate for the degree shall present for examination not later than twelve academic sessions from the date of enrolment. In special cases an extension of these times may be granted by the Committee.

**Thesis**

4. (1) On completing the program of study a candidate shall submit a thesis embodying the results of the investigation.
- (2) The candidate shall give in writing to the Academic Registrar two months notice of intention to submit the thesis.
- (3) The thesis shall comply with the following requirements:
- (a) it must be an original and significant contribution to knowledge of the subject;
- (b) the greater proportion of the work described must have been completed subsequent to enrolment for the degree;
- (c) it must be written in English except that a candidate in the Faculty of Arts may be required by the Committee to write a thesis in an appropriate foreign language;
- (d) it must reach a satisfactory standard of expression and presentation;
- (e) it must consist of an account of the candidate's own research but in special cases work done conjointly with other persons may be accepted provided the Committee is satisfied about the extent of the candidate's part in the joint research.

\*Or department where a department is not within a school, or schools or departments where the research is being undertaken in more than one school or department.

(4) The candidate may not submit as the main content of the thesis any work or material which has previously been submitted for a university degree or other similar award but may submit any work previously published whether or not such work is related to the thesis.

(5) Four copies of the thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of theses for higher degrees.

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

**5. (1)** There shall be not fewer than three examiners of the thesis, appointed by the Academic Board on the recommendation of the Committee, at least two of whom shall be external to the University.

(2) At the conclusion of the examination each examiner shall submit to the Committee a concise report on the thesis and shall recommend to the Committee that:

(a) the candidate be awarded the degree without further examination; or

(b) the candidate be awarded the degree without further examination subject to minor corrections as listed being made to the satisfaction of the head of the school\*; or

(c) the candidate be awarded the degree subject to a further examination on questions posed in the report, performance in this further examination being to the satisfaction of the Committee; or

(d) the candidate be not awarded the degree but be permitted to resubmit the thesis in a revised form after a further period of study and/or research; or

(e) the candidate be not awarded the degree and be not permitted to resubmit the thesis.

(3) If the performance at the further examination recommended under (2)(c) above is not to the satisfaction of the Committee, the Committee may permit the candidate to re-present the same thesis and submit to further examination as determined by the Committee within a period specified by it but not exceeding eighteen months.

(4) The Committee shall, after consideration of the examiners' reports and the results of any further examination, recommend whether or not the candidate may be awarded the degree. If it is decided that the candidate be not awarded the degree the Committee shall determine whether or not the candidate be permitted to resubmit the thesis after a further period of study and/or research.

**6.** A candidate shall pay such fees as may be determined from time to time by the Council.

**1.** The degree of Master of Commerce (Honours) may be awarded by the Council on the recommendation of the Higher Degree Committee of the Faculty of Commerce (hereinafter referred to as the Committee) to a candidate who has satisfactorily completed a program of advanced study.

**2. (1)** A candidate for the degree shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Committee.

(2) In exceptional cases an applicant who submits evidence of such other academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the degree.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

**3. (1)** An application to enrol as a candidate for the degree shall be made on the prescribed form which shall be lodged with the Academic Registrar at least two calendar months before the commencement of the session in which enrolment is to begin.

\*Or department where a department is not within a school, or schools or departments where the research is being undertaken in more than one school or department.

## **Examination**

## **Fees**

### **Master of Commerce (Honours)(MCom(Hons))**

## **Qualifications**

## **Enrolment and Progression**

- (2) In every case, before permitting a candidate to enrol, the head of the school in which the candidate intends to enrol shall be satisfied that adequate supervision and facilities are available.
- (3) An approved candidate shall be enrolled in one of the following categories:
  - (a) full-time attendance at the University;
  - (b) part-time attendance at the University;
  - (c) external — not in regular attendance at the University and using research facilities external to the University. Before permitting a candidate to enrol externally, the head of the school in which the candidate intends to enrol shall be satisfied that the candidate can be adequately supervised on an external basis. Formal subjects may not be taken externally.
- (4) A candidate shall undertake such formal subjects and, except in exceptional circumstances, pass at the first attempt such assessment as prescribed, and shall:
  - (a) submit a project report on a topic approved by the Committee, or
  - (b) demonstrate ability to undertake research by the submission of a thesis embodying the results of an original investigation on a topic approved by the Committee.
- (5) A candidate shall maintain an average of credit or better in the formal subjects prescribed for the degree. A full-time candidate shall undertake not more than four subjects in any session. A part-time candidate shall undertake not more than two subjects in any session.
- (6) A candidate may also be required to undergo such assessment and perform such other work as may be prescribed by the Committee.
- (7) The work on the topic shall be carried out under the direction of a supervisor appointed by the Committee from the full-time academic members of the University staff.
- (8) The progress of a candidate shall be reviewed annually by the Committee following a report by the candidate, the supervisor and the head of the school in which the candidate is enrolled and as a result of such review the Committee may cancel enrolment or take such other action as it considers appropriate.
- (9) No candidate shall be awarded the degree until the lapse of four academic sessions from the date of enrolment in the case of a full-time candidate or six academic sessions in the case of a part-time or external candidate. In the case of a candidate who has been awarded the degree of Bachelor with Honours or a qualification considered equivalent or who has had previous research experience the Committee may approve remission of up to two sessions for a full-time candidate and three sessions for a part-time or external candidate.
- (10) A project report shall be submitted not later than two sessions after the completion of the prescribed formal subjects and a thesis shall be submitted not later than five sessions after the completion of the prescribed formal subjects. In special cases an extension of these times may be granted by the Committee.

**Project Report/Thesis**

4. (1) On completing the program of study a candidate shall submit a project report or thesis embodying the results of the investigation.
- (2) The candidate shall give in writing to the Academic Registrar two months notice of intention to submit the project report or thesis.
- (3) The project report or thesis shall present an account of the candidate's own research. In special cases work done conjointly with other persons may be accepted, provided the Committee is satisfied about the extent of the candidate's part in the joint research.
- (4) The candidate may also submit any work previously published whether or not such work is related to the project report or thesis.
- (5) Three copies of the project report or thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of project reports and theses for higher degrees.
- (6) It shall be understood that the University retains the three copies of the project report or thesis submitted for examination and is free to allow it to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968 the University may issue the project report or thesis in whole or in part, in photostat or microfilm or other copying medium.

**Examination of Project Report**

5. (1) There shall be not fewer than two examiners of the project report, appointed by the Academic Board on the recommendation of the Committee.
- (2) At the conclusion of the examination each examiner shall submit to the Committee a concise report on the project report and shall recommend to the Committee that:



- (a) the project report be noted as satisfactory; or
  - (b) the project report be noted as satisfactory subject to minor corrections as listed being made to the satisfaction of the head of the school; or
  - (c) the project report be noted as unsatisfactory but that the candidate be permitted to resubmit it in a revised form after a further period of study and/or research; or
  - (d) the project report be noted as unsatisfactory and that the candidate be not permitted to resubmit it.
- (3) The Committee shall, after considering the examiners' reports and the candidate's results of assessment in the prescribed formal subjects, recommend whether or not the candidate may be awarded the degree. If it is decided that the project report is unsatisfactory the Committee shall determine whether or not the candidate may resubmit it after a further period of study and/or research.

**6.** (1) There shall be not fewer than two examiners of the thesis, appointed by the Academic Board on the recommendation of the Committee, at least one of whom shall be external to the University unless the Committee is satisfied that this is not practicable.

(2) At the conclusion of the examination each examiner shall submit to the Committee a concise report on the thesis and shall recommend to the Committee that:

- (a) the candidate be awarded the degree with Honours without further examination; or
- (b) the candidate be awarded the degree with Honours without further examination subject to minor corrections as listed being made to the satisfaction of the head of the school; or
- (c) the candidate be awarded the degree with Honours subject to a further examination on questions posed in the report, performance in this further examination being to the satisfaction of the Committee; or
- (d) the candidate be not awarded the degree but be permitted to resubmit the thesis in a revised form after a further period of study and/or research;

or

(e) the candidate be not awarded the degree and be not permitted to resubmit the thesis.

(3) If the performance at the further examination recommended under (2)(c) above is not to the satisfaction of the Committee, the Committee may permit the candidate to re-present the same thesis and submit to further examination as determined by the Committee within a period specified by it but not exceeding eighteen months.

(4) The Committee shall, after consideration of the examiners' reports and the results of any further examination or prescribed course of study, recommend whether or not the candidate may be awarded the degree. If it is decided that the candidate be not awarded the degree the Committee shall determine whether or not the candidate may resubmit the thesis after a further period of study and/or research.

**7.** A candidate shall pay such fees as may be determined from time to time by the Council.

## Examination of Thesis

## Fees



**1.** The degree of Master of Commerce may be awarded by the Council to a candidate who has satisfactorily completed a program of advanced study.

**2.** (1) A candidate for the degree shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Higher Degree Committee of the Faculty of Commerce (hereinafter referred to as the Committee). Except in exceptional circumstances a candidate who has completed a three-year course shall be expected to have had at least one year's appropriate experience subsequent to graduation.

(2) In exceptional cases an applicant who submits evidence of such other academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the degree.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

## Master of Commerce (MCom)

## Qualifications

**Enrolment and  
Progression**

**3.** (1) An application to enrol as a candidate for the degree shall be made on the prescribed form which shall be lodged with the Academic Registrar by 30 November of the year before the in year which enrolment is to begin.

(2) A candidate for the degree shall be required to undertake a course of formal study prescribed by the Committee as set out in the course requirements for the Master of Commerce degree and, except in exceptional circumstances, pass at the first attempt such assessment as prescribed.

(3) Except in exceptional circumstances a full-time candidate shall undertake three subjects in each session of enrolment and a part-time candidate shall undertake two subjects in each session of enrolment.

(4) The progress of a candidate shall be reviewed at least once annually by the Committee and as a result of its review the Committee may cancel enrolment or take such other action as it consider appropriate.

**Fees**

**4.** A candidate shall pay such fees as may be determined from time to time by the Council.

# Scholarships and Prizes

The scholarships and prizes listed below are available to students whose courses are listed in this handbook. Each faculty handbook contains in its **Scholarships and Prizes** section the scholarships and prizes available with that faculty. The **General Information** section of the Calendar contains a comprehensive list of scholarships and prizes offered throughout the University.

## Scholarships

### Undergraduate Scholarships

Listed below is an outline only of a number of scholarships available to students. Full information may be obtained from Room G20, located on the Ground Floor of the Chancellery.

Unless otherwise indicated in footnotes, applications for the following scholarships should be made to the Registrar by 14 January each year. Please note that not all of these awards are available every year.

Donor	Value	Years of Tenure	Conditions
<b>General</b>			
Bursary Endowment Board*	\$200 pa	Minimum period of approved degree/combined degree course	Merit in HSC and total family income not exceeding \$6000
Sam Cracknell Memorial	Up to \$3000 pa payable in fortnightly instalments	1 year	Prior completion of at least 2 years of a degree or diploma course and enrolment in a full-time course during the year of application; academic merit; participation in sport both directly and administratively; and financial need

\*Apply to The Secretary, Bursary Endowment Board, PO Box 460, North Sydney 2060, immediately after sitting for HSC.

## Undergraduate Scholarships (continued)

Donor	Value	Years of Tenure	Conditions
<b>General (continued)</b>			
Girls Realm Guild	Up to \$1500 pa	1 year renewable for the duration of the course subject to satisfactory progress and continued demonstration of need	Available only to female students under 35 years of age who are permanent residents of Australia enrolling in any year of a full-time undergraduate course on the basis of academic merit and financial need.
W.S. and L.B. Robinson**	Up to \$4200 pa	1 year renewable for the duration of the course subject to satisfactory progress	Available only to students who have completed their schooling in Broken Hill or whose parents reside in Broken Hill; for a course related to the mining industry. Includes courses in mining engineering, geology, electrical and mechanical engineering, metallurgical process engineering, chemical engineering and science.
Universities Credit Union	\$500 pa	1 year with the possibility of renewal	Prior completion of at least 1 year of any undergraduate degree course. Eligibility limited to members of the Universities Credit Union Ltd of more than one year's standing or members of the family of such members.

\*\*Applications close 30 September each year.

## Commerce and Economics

CSR Limited	Up to \$3000	1 year renewable for the duration of the course subject to satisfactory progress	Year 1 student enrolled in any full-time Commerce or full-time Commerce/Law course. Selection is based on general merit taking into account Session 1 results.
<b>Finance</b>			
Schroders Australia Ltd	Up to \$2500	1 year	Permanent resident in Australia and enrolled in Year 4 of the Finance or Economics/Finance course leading to the degree of Bachelor of Commerce (Honours)
Bankers Trust Australia	Up to \$2500	1 year	Permanent resident in Australia and enrolled in Year 4 of the Finance or Economics/Finance course leading to the degree of Bachelor of Commerce (Honours).
<b>Marketing</b>			
Levita Group	Up to \$2500	1 year	Permanent resident in Australia and enrolled in Year 3 of Marketing course in the Faculty of Commerce and Economics.

## The UNSW Co-op Program

The University of New South Wales has industry-linked education scholarship programs to the value of \$8000 per annum in the following areas: Business Information Technology, Chemical Engineering, Civil Engineering, Electrical and Computer Engineering, Industrial Chemistry, Mechanical and Industrial Engineering, Mining/Mineral Engineering and Applied Geology.

Further information can be obtained by writing to The Co-ordinator, UNSW Co-op Programs Industry-Linked Education Office, C/- Vice-Chancellor's Division.

## Graduate Scholarships

Application forms and further information are available from the Student Enquiry Counter, located on the Ground Floor of the Chancellor's Office unless an alternative contact address is provided. Information is also available on additional scholarships which may become available from time to time, mainly from funds provided by organizations sponsoring research projects.

The following publications may also be of assistance: **1. Awards for Postgraduate Study in Australia and Awards for Postgraduate Study Overseas**, published by the Graduate Careers Council of Australia, PO Box 28, Parkville, Victoria 3052; **2. Study Abroad**, published by UNESCO; **3. Scholarships Guide for Commonwealth Postgraduate Students**, published by the Association of Commonwealth Universities.\*

Details of overseas awards and exchanges administered by the Department of Employment Education and Training can be obtained from: Awards and Exchanges Section, Department of Employment Education and Training, PO Box 826, Woden, ACT 2606.

Where possible, the scholarships are listed in order of faculty.

\* Available for reference in the University Library.

## Graduate Scholarships

Donor	Value	Year/s of Tenure	Conditions
<b>General</b>			
University Postgraduate Research Scholarships	Living allowance of \$7600 pa. Other allowances may also be paid.	1-2 years for a Masters and 3-4 years for a PhD degree	Applicants must be honours graduates (or equivalent) or scholars who will graduate with honours in current academic year, and who are domiciled in Australia. Applications to Academic Registrar by 31 October.
Commonwealth Postgraduate Research Awards	Living allowance of \$8882 pa. Other allowances may also be paid.	1-2 years; minimum duration of course	Applicants must be graduates or scholars who will graduate in current academic year, and who have not previously held a Commonwealth Post-graduate Award. Applicants must be domiciled in Australia. Preference is given to applicants with employment experience. Applications to Academic Registrar by 30 September.
Commonwealth Postgraduate Course Awards	Travel expenses and \$A2000 as establishment allowance.	1 year, renewable	Applicants must be graduates who are domiciled in Australia and wish to undertake research or study for a higher degree in America. Applications close 30 September with The Secretary, DEET, AAEF Travel Grants, PO Box 826, Woden ACT 2606.
Australian American Educational Foundation Fulbright Award	Amount varies, depending on award	Up to 1 year	Applicants must be female graduates who are members of the Australian Federation of University Women
Australian Federation of University Women	Varies for each country. Generally covers travel, living, tuition fees, books and equipment, approved medical expenses. Marriage allowance may be payable.	Usually 2 years, sometimes 3	Applicants must be graduates who are Australian citizens and who are not older than 35 years of age. Tenable in Commonwealth countries other than Australia. Applications close with Academic Registrar in September or October each year.
Commonwealth Scholarship and Fellowship Plan			

## Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>General (continued)</b>			
The English-Speaking Union (NSW Branch)	\$5000	1 year	Applicants must be residents of NSW or ACT. Awarded to young graduates to further their studies outside Australia. Applications close mid-April with the Secretary, Ground Floor, Sydney School of Arts, 275c Pitt Street, Sydney NSW 2000.
Frank Knox Memorial Fellowships tenable at Harvard University	Stipend of US\$7000 pa plus tuition fees	1, sometimes 2 years	Applicants must be British subjects and Australian citizens, who are graduates or near graduates of an Australian university. Applications close with the Academic Registrar mid-October.
Robert Gordon Menzies Scholarship to Harvard	Up to \$US 15,000	1 year	Tenable at Harvard University. Applicants must be Australian citizens and graduates of an Australian tertiary institution. Applications close 31 December with the Registrar, A.N.U., GPO Box 4, Canberra ACT 2601.
Gowrie Scholarship Trust Fund	\$4000 pa. Under special circumstances this may be increased.	2 years	Applicants must be members of the Forces or children of members of the Forces who were on active service during the 1939-45 War. Applications close with Academic Registrar by 31 October.
Harkness Fellowships of the Commonwealth Fund of New York	Living and travel allowances, tuition and research expenses, health insurance, book and equipment and other allowances for travel and study in the USA	12 to 21 months	Candidates must be Australian citizens and 1. Either members of the Commonwealth or a State Public Service or semi-government Authority. 2. Either staff or graduate students at an Australian university. 3. Individuals recommended for nomination by the Local Correspondents. The candidate will usually have an honours degree or equivalent, or an outstanding record of achievement, and be not more than 36 years of age. Applications close 29 August with the Academic Registrar. Forms available from Mr J Larkin, Bureau of Agriculture and Resource Economics, GPO Box 1563, Canberra ACT 2601.
The Packer, Shell and Barclays Scholarships to Cambridge	Living and travel allowances, tuition expenses.	1-3 years	Applicants must be Australian citizens who are honours graduates or equivalent, and under 26 years of age. Applications close 15 October with The Secretary, Cambridge Commonwealth Trust, PO Box 252, Cambridge CB2 1TZ, England.
The Rhodes Scholarship to Oxford University	Approximately £4,200 stg pa	2 years, may be extended for a third year	Unmarried Australian citizens aged between 19 and 25 who have an honours degree or equivalent. Applications close in August each year with the Secretary, University of Sydney, NSW 2006.

## Graduate Scholarships (continued)

Donor	Value	Years of Tenure	Conditions
<b>Arts, Commerce and Economics, Law</b>			
Shell Scholarship in Arts	Adequate funds for living allowance, tuition and travel expenses	2 years, sometimes 3	Applicants must be Australian citizens, under 25 years of age, with at least 5 years domicile in Australia and who are completing a full-time course in law or a full-time honours course for Bachelor of Arts or Commerce. The successful candidate will attend a British university to pursue a higher degree. Applications close 30 September with Shell Australia, 140 Phillip Street, Sydney NSW 2000.
Sir Robert Menzies Memorial Scholarships in Law and Medicine	Tuition fees and allowances for living, travel and equipment expenses	1-2 years	Applicants must be between 21 and 35 years of age and domiciled in Australia. Tenable at universities in the United Kingdom. Applications close 31 August with Sir Robert Menzies Memorial Trust, 210 Clarendon Street, East Melbourne Vic 3002.
Lionel Murphy Australian Postgraduate Bicentennial Scholarship	\$12,500 pa	1 year normally	Applicants must be Australian citizens undertaking a postgraduate degree in Law, Science/Law, legal studies or other appropriate discipline at an Australian tertiary institution. Applications close 30 November with Lionel Murphy Foundation, GPO Box 4545 Sydney NSW 2001.
Rosenblum & Partners Australian Bicentennial Scholarship	\$10,500 pa	1 year	For study by coursework or research in commercial and/or revenue law in any approved institution in Australia or overseas. Applications close 31 October with the Academic Registrar.

## Prizes

### Undergraduate University Prizes

The following table summarizes the undergraduate prizes awarded by the University. Prizes which are not specific to any School are listed under General. All other prizes are listed under the Faculty or Schools in which they are awarded.

Information regarding the establishment of new prizes may be obtained from the Examinations Section located on the Ground Floor of the Chancellery.

Donor/Name of Prize	Value \$	Awarded for
<b>General</b>		
Sydney Technical College Union Award	300.00 and medal	Leadership in the development of student affairs, and academic proficiency throughout the course
University of New South Wales Alumni Association	Statuette	Achievement for community benefit — students in their final or graduating year

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>Faculties of Arts and Commerce and Economics</b>		
W. J. Liu, OBE Memorial for Chinese Studies	100.00	Best performance in a subject related to Chinese matters offered in the Department of Economic History, School of Political Science and School of History.
<b>Faculties of Commerce and Economics and Law</b>		
The Sir Kevin Ellis	1600.00	High degree of proficiency throughout combined BCom/LLB degree course.
<b>Faculty of Commerce and Economics</b>		
University of New South Wales Commerce Society	50.00	Academic proficiency throughout Commerce degree course and leadership in student activities.
<b>School of Accounting</b>		
Australian Society of Accountants Prize for Year 1	250.00 and Society medal	Highest aggregate in Accounting and Financial Management 1A and Accounting and Financial Management 1B by a student proceeding to the degree of Bachelor of Commerce (Accounting) or Bachelor of Commerce (Accounting and Finance)
Australian Society of Accountants Prize for Year 2	250.00 and Society medal	Highest aggregate in Accounting and Financial Management 2A and Accounting and Financial Management 2B by a student proceeding to the degree of Bachelor of Commerce (Accounting) or Bachelor of Commerce (Accounting and Finance)
Australian Society of Accountants Prize for Year 3	250.00 and Society medal	Highest aggregate in Accounting and Financial Management 3A or Accounting and Financial Management 3A (Hons) and Accounting and Financial Management 3B or Accounting and Financial Management 3B (Hons) by a student proceeding to the degree of Bachelor of Commerce (Accounting) or Bachelor of Commerce (Accounting and Finance)
Commonwealth Bank of Australia	250.00	98.882 International Business Finance in the Commerce course
Coopers and Lybrand	300.00	14.542 Accounting and Financial Management 2B
Corporate Affairs Commission	100.00	14.803/14.903G Regulation of Accounting
Datec Pty Ltd	200.00	19.605 Information Systems 3B
	150.00	Best honours thesis related to information systems design, data management or management science techniques used for commercial applications
Esso Australia Ltd	500.00	Overall outstanding achievement in the subjects 14.501 Accounting and Financial Management 1A, 14.511 Accounting and Financial Management 1B, 14.522 Accounting and Financial Management 2A, 14.542 Accounting and Financial Management 2B



---

**Undergraduate University Prizes (continued)**


---

Donor/Name of Prize	Value \$	Awarded for
<b>School of Accounting (continued)</b>		
Greenwood, Challoner & Co	100.00	99.777 Legal Organisation of Commerce
K. M. G. Hungerford	100.00	14.563 Accounting and Financial Management 3A
IBM	200.00	Highest aggregate mark by a student majoring in the School of Accountancy in any two of the following subjects: 19.603 Computer Information Systems 2 19.605 Computer Information Systems Implementation 19.606 Management Information Systems Design 19.607 Distributed Computer Systems 19.608 Database Systems
Law Book Co Ltd	100.00 Books	14.511 Accounting and Financial Management 1B
Peat, Marwick, Mitchell and Company	200.00	14.805/14.905 EDP Auditing
Price Waterhouse	250.00	Highest aggregate by a student majoring in the School of Accounting in 14.501 Accounting and Financial Management 1A, 14.511 Accounting and Financial Management 1B, 14.522 Accounting and Financial Management 2A, 98.542 Accounting and Financial Management 2B
Schroders Australia Limited	200.00	98.613 Business Finance 2 by a student majoring in the School of Accounting
Rod Sinden Memorial	250.00	14.794 Honours thesis on an accounting topic by a student majoring in the School of Accounting
Taxation Institute of Australia	100.00	99.783 Taxation Law by a student majoring in the School of Accounting
Westpac	250.00	98.864 Australian Capital Markets in the Commerce course
John Menzies McKellar White Memorial	250.00	14.859/14.959G Advanced Studies in Taxation
E. S. Wolfenden Memorial	200.00	14.563 Accounting and Financial Management 3A
Arthur Young & Co	80.00	98.613 Business Finance 2 by a student majoring in the School of Accounting.

---

**School of Economics**

Australian Finance Conference	75.00	Best performance in 15.243E Public Finance
Economic Society in Economics	100.00 and three years' membership of the Economic Society	Best performance in the final year of the Bachelor of Arts with honours in Economics, Bachelor of Commerce with honours in Economics, Bachelor of Commerce with honours in Economics and Econometrics, Bachelor of Commerce with honours in Economics and Finance or Bachelor of Commerce with honours in Economics and Industrial Relations
The Statistical Society of Australia (New South Wales Branch)	100.00	Best performance throughout the Bachelor of Commerce degree course in Econometrics.

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>School of Industrial Relations and Organizational Behaviour</b>		
Industrial Relations Society of NSW	Books to the value of 100.00	Best performance in 15.511 Industrial Relations 1A in the Bachelor of Commerce or Bachelor of Arts degree course
Julia Moore Prize in Industrial Relations	500.00	Best performance by a final year female student majoring in Industrial Relations enrolled in either a Pass or Honours degree in the Bachelor of Commerce or Bachelor of Arts courses

## School of Marketing

Australian Posters Outdoor Advertising	250.00	28.042 Consumer Behaviour B
Ken Bentley — awarded by the Market Research Society of Australia (NSW Division)	100.00	28.053 Information Management or 28.093 Marketing Information Management
BP Marketing	250.00	28.073 Strategic Marketing and 28.083 Managerial Marketing
Hoover Award for Marketing Studies	200.00 plus inscription on trophy held within the University, plus a suitable trophy	Graduating student exhibiting the highest degree of academic proficiency in 28.012 Marketing Systems, 28.032 Consumer Behaviour A, 28.042 Consumer Behaviour B, 28.052 Marketing Research, 28.073 Strategic Marketing, 28.083 Managerial Marketing, 28.093 Marketing Information Management
Neilsen Australia	500.00	Best aggregate performance in 28.093 Marketing information Management, 28.052 Market Research, 28.022 Marketing Models.
Philips Industries Holdings Ltd	100.00	28.012 Marketing Systems

## Graduate University Prizes

The following table summarizes the graduate prizes awarded by the University

Donor/Name of Prize	Value \$	Awarded for
<b>Faculty of Commerce and Economics</b>		
Universities Credit Union	200.00	Best performance in the full-time Year 1 of Master of Commerce degree course.
Universities Credit Union	200.00	Best performance in the part-time Year 1 of Master of Commerce degree course

---

**Graduate University Prizes (continued)**


---

Donor/Name of Prize	Value \$	Awarded for
<b>School of Accounting</b> Arthur Andersen & Co	50.00	Best performance in 19.949 Management of Technical Specialities by a student majoring in Accountancy
<b>School of Marketing</b> Peter D. Walker for Marketing Studies	250.00	Graduating student exhibiting the greatest general proficiency in 28.901G Buyer Behaviour, 28.905G Marketing Strategy, 28.914G Marketing Research, 28.928G Quantitative Analysis in Marketing, 28.929G Marketing Planning and Policy.

# The University of New South Wales Kensington Campus

## Theatres

Biomedical Theatres E27  
 Central Lecture Block E19  
 Classroom Block (Western Grounds) H3  
 Rex Vowels Theatre F17  
 Keith Burrows Theatre J14  
 Main Building (Physics) Theatre K14  
 Mathews Theatres D23  
 Parade Theatre E3  
 Science Theatre F13  
 Sir John Clancy Auditorium C24

## Buildings

Affiliated Residential Colleges  
 New (Anglican) L6  
 Shalom (Jewish) N9  
 Warrane M7  
 Applied Science F10  
 Architecture H14  
 Arts (Morven Brown) C20  
 Banks F22  
 Barker Street Gatehouse N11  
 Basser College C18  
 Biological Sciences D26  
 Central Store B13  
 Chancellery C22  
 Chemistry  
 Dalton F12  
 Robert Heffron E12  
 Civil Engineering H20  
 Commerce and Economics (John Goodsell) F20  
 Dalton (Chemistry) F12  
 Electrical Engineering G17  
 Geography and Surveying K17  
 Goldstein College D16  
 Golf House A27  
 Gymnasium B5  
 House at Pooh Corner N8  
 International House C6  
 Io Myers Studio D9  
 John Goodsell (Commerce and Economics) F20  
 Kanga's House O14  
 Kensington Colleges C17 (Office)  
 Basser C18  
 Goldstein D16  
 Philip Baxter D14

Link B6  
 Maintenance Workshop B13  
 Materials Science and Engineering E8  
 Mathews F23  
 Mechanical and Industrial Engineering J17  
 Medicine (Administration) B27  
 Menzies Library E21  
 Morven Brown (Arts) C20  
 New College (Anglican) L6  
 Newton J12  
 NIDA D2  
 Parking Station H25  
 Philip Baxter College D14  
 Robert Heffron (Chemistry) E12  
 Sam Cracknell Pavilion H8  
 Shalom College (Jewish) N9  
 Sir Robert Webster (Textile Technology) G14  
 Squash Courts B7  
 Swimming Pool B4  
 Unisearch House L5  
 University Regiment J2  
 University Union (Roundhouse) - Stage I E6  
 University Union (Blockhouse) - Stage II G6  
 University Union (Squarehouse) - Stage III E4  
 Wallace Wurth School of Medicine C27  
 Warrane College M7

## General

Academic Staff Office C22  
 Accounting F20  
 Admissions C22  
 Adviser for Prospective Students F15  
 Anatomy C27  
 Applied Economic Research G14  
 Applied Geology F10  
 Applied Science (Faculty Office) F10  
 Architecture (including Faculty Office) H14  
 Arts (Faculty Office) C20  
 Audio Visual Unit F20  
 Australian Graduate School of Management G27  
 Banking and Finance F20  
 Biochemistry D26  
 Biological and Behavioural Sciences (Faculty Office) D26  
 Biomedical Engineering A28  
 Biomedical Library F23  
 Biotechnology D26  
 Bookshop G17  
 Building H14  
 Careers and Employment F15  
 Cashier's Office C22  
 Chaplains E15  
 Chemical Engineering and Industrial Chemistry F10  
 Chemistry E12  
 Child Care Centres N8, O14  
 Civil Engineering H20  
 Commerce and Economics (Faculty Office) F20  
 Community Medicine D26  
 Computing Services Department F21, D26  
 Continuing Education Support Unit F23  
 Counselling and Careers Service F15  
 Economics F20  
 Education G2  
 Education Testing Centre E15  
 Electrical Engineering and Computer Science G17  
 Energy Research, Development and Information Centre F10  
 Engineering (Faculty Office) K17  
 English C20  
 Ethics Committees Secretariat B8  
 Examinations C22  
 Fees Office C22  
 Food Science and Technology F10  
 French C20  
 General Staff Office C22  
 Geography K17  
 German Studies C20  
 Graduate Office and Alumni Centre E4  
 Graduate School of the Built Environment H14  
 Groundwater Management and Hydrogeology F10  
 Health Administration C22  
 History C20  
 Industrial Arts H14  
 Industrial Relations and Organizational Behaviour F20  
 Information Systems F20  
 Kanga's House O14  
 Kindergarten (House at Pooh Corner) N8  
 Landscape Architecture K15  
 Law (Faculty Office) F21  
 Law Library F21  
 Legal Studies and Taxation F20  
 Liberal and General Studies C20  
 Librarianship F23  
 Library E21

Lost Property C22  
 Marine Science D26  
 Marketing F20  
 Materials Science and Engineering E8  
 Mathematics F23  
 Mechanical and Industrial Engineering J17  
 Medical Education C27  
 Medicine (Faculty Office) B27  
 Microbiology D26  
 Mineral Processing and Extractive Metallurgy E8  
 Mining Engineering K15  
 Music B11  
 National Institute of Dramatic Art D2  
 Off-campus Housing C22  
 Optometry J12  
 Pathology C27  
 Patrol and Cleaning Services C22  
 Petroleum Engineering D12  
 Philosophy C20  
 Physics K15  
 Physiology and Pharmacology C27  
 Political Science C20  
 Printing Unit C22  
 Psychology F23  
 Public Affairs Unit C22  
 Publications Section C22  
 Remote Sensing K17  
 Russian Studies C20  
 Safety Science J17  
 Science and Mathematics Course Office D26  
 Science and Technology Studies C20  
 Social Work G2  
 Sociology C20  
 Spanish and Latin American Studies C20  
 Sport and Recreation Centre B6  
 Student Health E15  
 Student Records C22  
 Students' Union E4 and C21  
 Surveying K17  
 Tertiary Education Research Centre E15  
 Textile Technology G14  
 Theatre Studies B10  
 Town Planning K15  
 Union Shop (Upper Campus) D19  
 University Archives E21  
 University Press A28  
 University Union (Blockhouse) G6  
 Waste Management H20  
 WHO Regional Training Centre C27  
 Wool and Animal Science B8

A  
B  
C  
D  
E  
F  
G  
H  
J  
K  
L  
M  
N  
O



This Handbook has been specifically designed as a source of reference for you and will prove useful for consultation throughout the year.

For fuller details about the University – its organization, staff membership, description of disciplines, scholarships, prizes, and so on, you should consult the Calendar.

The Calendar and Handbooks also contain a summary list of higher degrees as well as the conditions for their award applicable to each volume.

For detailed information about courses, subjects and requirements of a particular faculty you should consult the relevant Faculty Handbook.

Separate Handbooks are published for the Faculties of Applied Science, Architecture, Arts, Commerce and Economics, Engineering, Law, Medicine, Professional Studies, Science (including Biological and Behavioural Sciences and the Board of Studies in Science and Mathematics), and the Australian Graduate School of Management (AGSM).

The Calendar and Handbooks, which vary in cost, are available from the Cashier's Office.