

# Faculty of Arts

## Member Units

School of English Literatures, Philosophy and Languages  
School of History and Politics  
School of Social Sciences, Media and Communication  
The Centre for Asia Pacific Transformation Studies (CAPSTRANS)

## Courses Offered

### Research Degrees

Doctor of Philosophy  
Master of Arts - Research  
Master of Social Change and Development - Research

### Coursework Degrees

Master of Arts (Applied Ethics)  
Master of Arts (English Studies)  
Master of Arts (International Relations)  
Master of Policy (Social Policy)  
Master of Social Change and Development  
Graduate Diploma in Arts:  
– Modern Languages  
– Japanese  
– Philosophy  
Graduate Certificate in Social Change & Development

## Major Research Themes

Asia-Pacific Studies  
Communication and Culture  
Ethics and Public Culture  
Hegemony  
Identity  
– Nations and Minorities (includes the Centre for Canadian/Australian Studies)  
– Gender and Sexuality  
Language and Society  
War and Society

## Doctor of Philosophy

Testamur Title:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Faculty of Arts
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	48cp per year
Delivery Mode:	Supervised individual research
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); \$7500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	003065C

### Overview

The research involved in producing a doctoral (PhD) dissertation involves a significant contribution to a field of knowledge. This degree is the pinnacle of academic achievement, and, normally, a necessary requirement for permanent academic employment at a university or research centre.

### Entry Requirements

To enrol in the degree, students need a Bachelor of Arts (or equivalent qualification) with Honours at Class II Division ii or higher, or a Master of Arts - Research with a strong performance in the major thesis.

### Course Requirements

The Doctoral Thesis must be a minimum of 80,000 words and no longer than 100,000 words in length. The thesis will be on a topic to be decided by the student in consultation with the appointed supervisors.

Each PhD candidate has two supervisors. Before accepting a PhD candidate, the Faculty will ensure that two supervisors with appropriate expertise are available.

A full-time candidate should normally complete the Doctorate in three years. The Faculty requires the candidate to complete in not less than four (4) consecutive sessions, not including Summer sessions, and not more than eight (8) consecutive sessions, not including Summer sessions, from the date of registration. A part-time candidate shall complete the Doctoral Thesis in not less than six (6) consecutive sessions, not including Summer sessions, and not more than sixteen (16) consecutive sessions, not including Summer sessions, from the date of registration. Candidates may be extended beyond the maximum time period following a satisfactory review of progress.

### Fields of Study

Students of the Faculty enrol for the PhD in one of the following discipline or interdisciplinary areas, related to one of the Faculty's major research themes.

Asia-Pacific Studies  
Communication and Cultural Studies  
English Studies  
French  
History  
International Relations  
Italian  
Japanese  
Linguistics  
Philosophy  
Politics  
Science, Technology and Society  
Sociology

## Assessment

Students meet regularly with their supervisors to ensure that they are proceeding to plan. Each year, the student and supervisors must submit a progress report. The annual report is the means by which the University assesses whether the candidature will continue into the following year.

When the thesis is submitted, it is examined by two external examiners chosen by the supervisors in consultation with the student.

**For further information** about the Faculty's research themes and researchers, please consult the Faculty website at: <http://www.uow.edu.au/arts/>

For more technical information about the degree process, please consult the website of the University's Office of Research at: <http://www.uow.edu.au/research/current/index.html>

## Master of Arts - Research

Testamur Title:	Master of Arts (Research)
Abbreviation:	MA - Res
Home Faculty:	Faculty of Arts
Duration:	1-1.5 years full-time or part-time equivalent
Total Credit Points:	72 (or 48 with entry from BA (honours) or equivalent)
Delivery Mode:	Supervised research (with entry from BA (Hons.)) With entry from BA (Pass), 24 cp of face-to-face coursework will be required.
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	HECS exempt (local); \$7250 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1301
CRICOS Code:	042530D

## Overview

The Master of Arts – Research can be a research-only degree, where the candidate holds an undergraduate degree with a substantial research component. Where the candidate has an undergraduate Pass degree, the degree will have 24 credit points of coursework in areas aimed at research training. The candidate must complete a substantial thesis (around 50,000 words).

**Important Note:** This course has replaced the former Master of Arts (Honours) by Research. Students currently enrolled in that course may complete the degree under that course title and course code, but it is closed to new enrolments.

## Entry Requirements

There are two entry points for this degree:

1. **From the Bachelor of Arts.** Students entering the degree from the Bachelor of Arts (Pass) degree will complete a 72 credit point degree, consisting of the 24 credit point subject, ARTS901 Master of Arts Research Methods and, subject to satisfactory completion of the coursework component (see below in Program Structure) a 48 credit point thesis on a disciplinary or interdisciplinary topic.
2. **From the Bachelor of Arts (Honours) or the Master of Arts by Coursework (or equivalent qualification).** Students having a Bachelor of Arts with Honours Class II, division ii or higher, or a Master of Arts by Coursework (or equivalent) with an average of at least 70% may apply for admission into the Master of Arts - Research degree with Advanced Standing for the 24cp of coursework. They will then complete a 48 credit point thesis in a discipline or interdisciplinary area.

All applications must be approved by the Associate Dean (Research and Graduate Studies). Approval also depends on the availability of supervision within the Faculty for the proposed thesis and its relationship to the key areas of research in the Faculty, and The Centre for Asia Pacific Transformation Studies (CAPSTRANS).

## Course Requirements

1. **Entry from the Bachelor of Arts (Pass degree) or equivalent:** Students will complete one 48 credit point thesis in a field of study and the 24 credit point coursework subject, ARTS901 Master of Arts Research Methods: Students who achieve a Credit average or higher in ARTS901 will proceed to the thesis component of the degree. Students who achieve a Pass average in this subject will be offered the opportunity to transfer to the Master of Arts by Coursework with 24 credit points of Advanced Standing. The thesis topic will be determined by discussion between the student and the Postgraduate Co-ordinator in the School in which the student is enrolled.

The 24 credit point Coursework subject, ARTS901, Master of Arts Research Methods, provides students with training in the theories and research methodologies current in their chosen areas. This training involves three modules of study:

- a specific theory and methods module;
- an advanced content-based module in the student's discipline area;
- a module in which the student writes a detailed research proposal for the Master of Arts thesis.

The precise content of these modules will be determined on a case-by-case basis, with the student and the Academic Program. It will be approved by the Associate Dean (Research and Graduate Studies).

The content-based subject will normally be selected from the range of subjects available in the Master of Arts (coursework) in the student's chosen discipline or interdisciplinary area of study.

2. **Entry from the BA (Honours) or equivalent:** Students who have completed a Bachelor of Arts Honours degree with Class II division ii or higher, or appropriate research subjects in the Master of Arts (coursework) may apply for Advanced Standing for the 24cp of coursework. They will then enrol in the 48 Credit Point thesis.

## Time limits

Full time students should complete the 72 credit point degree in no fewer than two sessions (not including Summer Session) and not more than four sessions (not including Summer Session). Full-time students should complete the 48 credit point course in no fewer than two sessions (not including Summer Session) and not more than four sessions (not including Summer Session). Part-time students normally complete half of the full-time load in the same period and take proportionately longer to complete the degree.

## Fields of Study

Refer to entry under PhD

## Coursework Subject

Students entering the degree from the BA (Pass) degree undertake the following subject before beginning the thesis:

Subjects	Title	Session	Credit Points
ARTS901	Master of Arts Research Methods	Autumn or Spring	24

## Assessment

**Coursework:** Where students must complete the 24 credit point coursework component, assessment of that part of the degree will depend on the modules chosen, but it will normally be by essays and seminar papers.

**Thesis:** Students meet regularly with their supervisors to ensure that they are proceeding to plan. Each year, the student and supervisors must submit a progress report. The annual report is the means by which the University assesses whether the candidature will continue into the following year. When the thesis is submitted, it is examined by two examiners chosen by the supervisors in consultation with the student.

**For further information** about the Faculty's research themes and researchers, please consult the Faculty website at: <http://www.uow.edu.au/arts/> For more technical information about the degree process, please consult the website of the University's Office of Research at: <http://www.uow.edu.au/research/current/index.html>

## Master of Social Change and Development (Research)

Testamur Title:	Master of Social Change and Development (Research)
Abbreviation:	MSocChgDev - Res
Home Faculty:	Faculty of Arts (CAPSTRANS)
Duration:	1-1.5 years full-time or part-time equivalent
Total Credit Points:	72 (or 48 with entry from BA (honours) or equivalent
Delivery Mode:	Supervised research (with entry from BA (Hons.) With entry from BA (Pass), 24 cp of face-to-face coursework will be required.
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	HECS exempt (local); \$7250 AUD per session (international)
Location:	Wollongong
UOW Course Code:	1321
CRICOS Code:	033020A

### Overview

The purpose of the program is to provide students with the opportunity to undertake research at an advanced level and to gain the knowledge and skills to understand the processes of social change and development. It will improve their problem-solving skills and effectiveness as administrators, researchers, development planners, educators and managers. The coursework component combines theoretical grounding with empirical studies and policy-oriented perspectives.

**Important Note:** This course has replaced the former Master of Social Change and Development (Honours) by Research. Students currently enrolled in that course may complete the degree under that course title and course code, but it is closed to new enrolments.

The Master of Arts – Research can be a research-only degree, where the candidate holds an undergraduate degree with a substantial research component. Where the candidate has an undergraduate Pass degree, the degree will have 24 credit points of coursework in areas aimed at research training. The candidate must complete a substantial thesis (around 50,000 words).

### Entry Requirements

There are two entry points for this degree:

1. **From the Bachelor of Arts.** Students entering the degree from the Bachelor of Arts (Pass) degree will complete a 72 credit point degree, consisting of 24 credit points of coursework chosen from CAPSTRANS subjects listed below, and subject to satisfactory completion of the coursework component, a 48 credit point thesis in a discipline or interdisciplinary area.
2. **From the Bachelor of Arts (Honours) or the Master of Arts by Coursework (or equivalent qualification).** Students having a Bachelor of Arts with Honours Class II, division ii or higher, or a Master of Arts by Coursework (or equivalent) with an average of at least 70% may apply for admission into the Master of Social Change and Development - Research degree with Advanced Standing for the 24cp of coursework. They will then complete a 48 credit point thesis in a discipline or interdisciplinary area.

### Course Requirements

#### Program Structure

1. **Entry from the Bachelor of Arts (Pass degree) or equivalent:** Students will complete one 48 credit point thesis in a field of study and 24 credit points of coursework to be chosen from the CAPSTRANS subjects listed below. Students who achieve a Credit average or higher in the coursework component of the degree will proceed to the thesis component of the degree. Students who achieve a Pass average in this subject will be offered the opportunity to transfer to the Master of Social change and Development by Coursework with 24 credit points of Advanced Standing. The thesis topic will be determined by discussion between the student and the CAPSTRANS Postgraduate Co-ordinator.
2. **Entry from the BA (Honours) or equivalent:** Students who have completed a Bachelor of Arts Honours degree with Class II division ii or higher, or appropriate research subjects in the coursework Masters degree may apply for Advanced Standing for the 24cp of coursework. They will then complete a 48 credit point thesis in a discipline or interdisciplinary area.

#### Time limits

Full time students should complete the 72 credit point degree in no fewer than two sessions (not including Summer Session) and not more than four sessions (not including Summer Session). Full-time students should complete the 48 credit point course in no fewer than two sessions (not including Summer Session) and not more than four sessions (not including Summer Session). Part-time students normally complete half of the full-time load in the same period and take proportionately longer to complete the degree.

## CAPSTRANS Major Research Themes

- Labour and Mobility
- Citizenship and Globalisation
- Science, Technology and Intellectual Property
- Law and Development
- Cultural Change and Representation
- Community and Sustainability
- Corporate Governance and Financial Market

Each Research candidate has two supervisors. Before accepting a research candidate, the Faculty will ensure that two supervisors with appropriate expertise are available.

**For further Information** about the Faculty's research themes and researchers, please consult the Faculty website at: <http://www.uow.edu.au/arts/>

For more technical information about the degree process, please consult the website of the University's Office of Research at: <http://www.uow.edu.au/research/current/index.html>

## Coursework Subjects

Students entering from the BA (pass degree) must choose 24 credit points from the following:

Subjects	Title	Session	Credit Points
<b>Core subjects:</b> students must select two subjects			
CAPS910	Globalisation and Citizenship	Autumn	8
CAPS911	Social Change and Development	Autumn	8
CAPS913	Migration and Multicultural Societies	Spring	8
CAPS915	Labour Relations, Regulation and Organisation	Spring	8
<b>Elective subjects:</b> students select one subject			
SOC933	Advanced Research Techniques	Spring	8
SOC918	Modernity, Development and Social Change	Spring	8
CAPS918	Special Topic A	Autumn /Spring	8
CAPS919	Special Topic B	Autumn /Spring	8

## Assessment

**Coursework:** Where students must complete the 24 credit point coursework component, assessment of that part of the degree will depend on the modules chosen, but it will normally be by essays and seminar papers.

**Thesis:** Students meet regularly with their supervisors to ensure that they are proceeding to plan. Each year, the student and supervisors must submit a progress report. The annual report is the means by which the University assesses whether the candidature will continue into the following year.

When the thesis is submitted, it is examined by two examiners chosen by the supervisors in consultation with the student.

## Master of Arts (Applied Ethics)

Testamur Title:	Master of Arts (Applied Ethics)
Abbreviation:	MA
Home Faculty:	Faculty of Arts
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face
Starting Session(s):	Autumn or Spring
Standard Course Fee:	\$6000 (local); \$7250 AUD (international) per FT session
Location:	Wollongong
UOW Course Code:	571
CRICOS Code:	016119J

### Overview

The course aims to provide professionals and others who have a general interest in applied ethics with a philosophical education in one or more areas of applied ethics. Applied areas on offer in 2004 (subject to enrolments) are: Bioethics, theoretical Ethics, Applied Ethics Topics and Environmental Ethics.

It has become increasingly obvious with the proliferation of ethics committees and the demand for public accountability that health care professionals, public policy makers, lawyers, public servants, business people, scientists, researchers, and others, are required to make well-reasoned, informed judgements about issues that are essentially ethical. Such judgements require philosophical expertise - one needs to be able to recognise the factual and evaluative complexity of the issues, to recognise evaluative issues as evaluative, critically to evaluate competing ethical claims, and to reason to a conclusion soundly. Yet the development of such expertise is typically not included in the professional training of people who are called to act as ethical decision-makers. The Master of Arts (Applied Ethics) helps make good this lack.

It would be expected that students undertaking the course would benefit at least in the following ways. Firstly, they would sharpen their critical reasoning skills. Secondly, they would gain a good grounding in ethical theory and a comprehensive understanding of the specific issues in their chosen applied area. Third, they would enhance their ability to make difficult, ethically sensitive decisions.

The Master of Arts (Applied Ethics) is a course in applied philosophy, in which ethical theory, as studied in a core subject (PHIL955 - Theoretical Ethics) is applied to various areas of practical concern. The course may be co-taught by members of the Philosophy Program and lecturers from the Faculties of Law and Health and Behavioural Sciences.

### Entry Requirements

Admission is open to holders of a Bachelor's degree (pass or honours) in any field or others who satisfy the Board of Research and Postgraduate Studies of comparable professional standing or attainments.

### Course Requirements

The Degree is available by Coursework and Minor Thesis. Candidates shall successfully complete a program of 48 credit points, normally comprising a minor thesis (24 credit points) in applied ethics, together with the two 8 credit point core subjects and one 8 credit point elective.

Candidates who have done the undergraduate subject PHIL206, or equivalent, are required to take one core subject PHIL955 and two electives. Candidates who have done the undergraduate subject PHIL251/301, or equivalent, are required to take one core subject PHIL935 and two electives.

All students enrol in PHIL923 Minor Thesis.

Subjects	Title	Session	Credit Points
<b>Core subjects</b>			
PHIL935	Applied Ethics	Autumn	8
PHIL955	Theoretical Ethics	Spring	8
PHIL923	Minor Thesis	Annual or Spring/Autumn	24
<b>Elective Subjects</b>			
PHIL965	Bioethics	Spring	8
PHIL976	Ethical Issues in Research	N/O 2004	8
PHIL986	Applied Ethics Topics	Autumn or Spring	8
PHIL995	Environmental Ethics	Autumn	8

## Master of Arts (English Studies)

Testamur Title:	Master of Arts (English Studies)
Abbreviation:	MA
Home Faculty:	Faculty of Arts
Duration:	1 year full-time of part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	HECS (local); \$7250 AUD per session (international)
Location:	Wollongong
UOW Course Code:	571
CRICOS Code:	016119J

### Overview

The Master of Arts (English Studies) provides an opportunity for students to extend and deepen their knowledge of literature studies and skills in textual analysis, possibly as part of professional advancement or to pursue an interest in the subject. The course consists of six subjects in areas of study which reflect the research strengths of the English Studies program. Subject offerings will be varied from year to

year. In 2004, subjects range from modern British and European literatures (Modernism and its Others) through American to postcolonial literatures (Turning Points) and twentieth century Australian literature (The Dominant Sound).

### Entry Requirements

Entry to the degree is normally from the Bachelor of Arts degree, but students with an equivalent qualification will also be considered.

### Course Requirements

Students take six subjects from the schedule of subjects below (48 credit points).

Subjects	Title	Session	Credit Points
Students must select six subjects			
ENGL903	Contemporary Literary Issues	Autumn or Spring	8
ENGL906	Modernism and its others	Autumn	8
ENGL913	Literature, Memory and Forgetting	Autumn	8
ENGL916	US Literature: Modernity and Post-modernity	Spring	8
ENGL918	Special topic	Autumn or Spring	8
ENGL921	Turning points: An introduction to post-colonial literary History	Autumn	8
ENGL923	Indigenous Literatures in Canada, New Zealand and Australia	N/O 2004	8
ENGL930	History and Romance in Early modern Britain	N/O 2004	8
ENGL933	Early women Writers	N/O 2004	8
ENGL944	The dominant Sound: Australian women Novelists Between the Wars	Spring	8



## Master of Arts (International Relations)

Testamur Title:	Master of Arts (international Relations)
Abbreviation:	MA
Home Faculty:	Faculty of Arts
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	\$6000 (local); \$7250 AUD (international) per FT session
Location:	Wollongong
UOW Course Code:	571
CRICOS Code:	016119J

### Overview

The degree is intended to provide opportunities for graduates of diverse disciplinary backgrounds to develop their academic understanding and professional skills in the field of international relations, broadly defined. The program is expected to be especially useful to students with relevant, professional experience or ambitions, including diplomats, other government officials, business persons, journalists, specialists in public affairs, government relations, etc.

The program is multi-disciplinary in nature, focussing on international politics, economics, management, and law and diplomatic practice, in particular, but allowing both for specialisation within the program as well as for the inclusion of area studies, and other relevant subjects, in accordance with students' needs.

Students take part in simulations and professional seminars, workshops, exchanges with other institutions, including relevant Government agencies, and, where possible, professional placements. Special classes are provided in computing and (where appropriate) English language, study, analytical, public speaking and other skills. A special centre (with computing, video and short-wave radio facilities, plus a range of pertinent periodicals) has been set aside for use by students in the program.

### Entry Requirements

Students normally have a Bachelor's degree with a minor sequence in the area studied.

### Course Requirements

Students must complete 48 credit points from the following list of subjects (or such greater number as may be required in individual cases). Students are normally required to complete all four core subjects in order to graduate in the program.

Please note that not all these subjects are available in any one year, and that students need to plan their course of study according to the availability of subjects.

Subjects	Title	Session	Credit Points
<b>Core subjects</b> (Students must complete all four core subjects)			
INTR900	International Law and Diplomacy	Autumn	8
INTR905	Case Studies in Diplomacy	Spring	8
INTR910	Politics of International Relations	Autumn	8
INTR920	Advanced International Economic Relations	Spring	8
<b>Elective Subjects</b>			
INTR911	Politics in the South Pacific	Spring	8
INTR912	Pacific Rim and Pacific Basin	Spring	8
INTR921	Advanced International Economics	Autumn / Spring	8
INTR922	Advanced Topics in Economics	Autumn / Spring	8
INTR931	Public Policy	Autumn	8
INTR932	Selected Topics in Management	Autumn / Spring	8
INTR940	Case Study in International Politics A	Autumn / Spring	8
INTR941	Case Studies in International Politics B	Spring	8
INTR957	Post-War Economic and Social Development in the Asia-Pacific	Autumn	8
INTR958	Selected Topics on Post-war Developments in the Asia-Pacific	Spring	8
INTR960	Research Project in International Relations	Autumn / Spring	16
INTR961	Research Project in International Relations	Annual/Spring/Autumn	16

## Master of Policy (Social Policy)

Testamur Title:	Master of Policy (Social Policy)
Abbreviation:	MPol
Home Faculty:	Faculty of Arts
Duration:	1 year full-time of part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	HECS (local); \$7250 AUD (international) per FT session
Location:	Wollongong
UOW Course Code:	577
CRICOS Code:	003077K

### Overview

The objective of the Master of Policy is to allow suitably qualified or experienced graduates to study theoretical and practical aspects of contemporary social policy. The program develops skills in policy analysis, applied social research and communications to prepare students for work in community services, public administration, voluntary organisations or private consultancy. Students shall be admitted under the Rules covering the Masters Degree, with the additional qualifications below.

### Entry Requirements

Normal entry requires a pass Bachelor with a major study in a relevant field.

### Course Requirements

Students are required to complete successfully an approved program of study of 48 credit points drawn from the list below. Students shall not include in their program subjects substantially similar to those already completed as part of their previous undergraduate or graduate studies. Students shall discuss their proposed program with the Co-ordinator of the Master of Policy (Social Policy) prior to enrolment.

Students may be required to undertake additional work as a pre-requisite for subjects included in the Schedule below. The Master of Policy shall be available as a part-time and full-time program. Full-time students are expected to complete the degree in two academic sessions, part-time students in not less than three and not more than six academic sessions.

Subjects	Title	Session	Credit Points
<b>Core subjects</b>			
SOC904	Policy and Program Evaluation	Spring	8
SOC933	Advanced Research Techniques	Spring	8
SOC940	Contemporary Social Policy, Theory and Practice	Spring	8
<b>Elective Subjects</b> (students must take at least three of the following)			
CAPS910	Globalisation and Citizenship*	Autumn	8
CAPS911	Social Change and Development*	Autumn	8
POL984	Selected Topics in Australian Politics	N/O2004	8
SOC905	Social Policy Research Project	N/O2004	8
SOC918	Modernity, Development and Social Change	Spring	8
SOC921	Advanced Studies in Sociology	N/O2004	8
SOC942	Advanced Race and Ethnic Studies	N/O2004	8
SOC949	Advanced Social Regulation, Policies and Issues	N/O2004	8
SOC959	Advanced Gender and Society	N/O2004	8
SOC970	Social Movement and Community Activism	N/O2004	8
LAW960	Legal Studies for Professionals	Spring	6

\* These subjects have been added to the list of electives for 2004 only.

## Master of Social Change and Development

Testamur Title:	Master of Social Change and Development
Abbreviation:	MSocChgDev
Home Faculty:	Faculty of Arts (CAPSTRANS)
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face and some flexible delivery
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	\$7000 (local); \$7250 AUD (international) per FT session
Location:	Wollongong
UOW Course Code:	1508
CRICOS Code:	031164A

### Overview

This degree (48 credit point by coursework) is designed to provide students with the knowledge and skills to understand the processes of social change and development, and to improve their problem solving skills and effectiveness as administrators, researchers, development planners, educators, or managers. The course combines theoretical perspectives with empirical studies and policy-oriented perspectives.

CAPSTRANS' postgraduate teaching program complements the Centre's research programs so that all courses are informed by the most recent high quality research. Students are offered the opportunity to study in a research and teaching centre with extensive international networks staffed by some of the best scholars in their respective fields.

### Entry Requirements

Students normally have a Bachelors degree with a minor sequence in the area studied.

### Course Requirements

Masters of Social Change and Development students will complete subjects to the value of 48 credit points.

Subjects	Title	Session	Credit Points
<b>Compulsory subjects:</b>			
CAPS910	Globalisation and Citizenship	Autumn	8
CAPS911	Social Change and Development	Autumn	8
CAPS913	Migration and Multicultural Societies	Spring	8
CAPS915	Labour Relations, Regulation and Organisation	Spring	8
<b>Electives:</b> Students must complete subjects to the value of 16 credit points			
CAPS918	Special Topic A	Autumn, Spring	8
CAPS919	Special Topic B	Autumn, Spring	8
CAPS935	Research project in Social Change and Development	Autumn, Spring, Annual	16
INTR910	Politics of International Relations	Autumn	8
INTR957	Post-War Economic and Social Development in the Asia - Pacific	Autumn	8
SOC933	Advanced Research Techniques	Spring	8
SOC918	Modernity, Development and Social Change	Spring	8

## Graduate Diploma in Arts (Japanese)

Testamur Title:	Graduate Diploma in Arts (Japanese)
Abbreviation:	GDipArts
Home Faculty:	Faculty of Arts
Duration:	1 year full-time of part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS (local); \$7250 AUD per FT session (international)
Location:	Japan
UOW Course Code:	647
CRICOS Code:	026343G

### Overview

The Graduate Diploma in Arts (Japanese) is a twelve-month, 48 credit point, Japanese language program.

The purpose of the Graduate Diploma in Arts (Japanese) is to provide candidates with one year as a full-time student at a Japanese University with which the University of Wollongong has an exchange agreement. The Diploma is awarded after successful completion of the exchange University's course and examination upon return to the University of Wollongong.

### Entry Requirements

Minimum requirement for entry: a degree at Bachelor level, preferably in Japanese language. (This degree is not intended for students whose first language is Japanese).

### Course Requirements

Students accepted for entry into the Graduate Diploma in Arts (Japanese) take the following subject:

Subjects	Title	Session	Credit Points
JAPA550	Japanese Studies Abroad	Annual	48

### Assessment

Assessment is conducted at the exchange university in Japan and will depend on the program of study each student selects. After one year of study at the exchange university in Japan, candidates will be required to pass an exit examination at the university of Wollongong. The Graduate Diploma from the University of Wollongong will be awarded upon successful completion of these requirements

## Graduate Diploma in Arts (Modern Languages)

Testamur Title:	Graduate Diploma in Arts (modern Languages)
Abbreviation:	GDipArts
Home Faculty:	Faculty of Arts
Duration:	1 year full-time of part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	HECS (local); \$7250 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	647
CRICOS Code:	026343G

### Overview

The purpose of the Graduate Diploma in Arts is to provide, in a recognised university course, a means for graduates with limited acquaintance with European or Asian languages, thought and culture to acquire competence in these areas at a reasonably advanced level.

## Entry Requirements

Minimum requirement for entry: a degree at Bachelor level, preferably in Japanese language. (This degree is not intended for students whose first language is Japanese).

## Course Requirements

Students are required to complete 28 credit points from Undergraduate Language subjects. The remaining 20 credit points may be chosen from subjects listed under Modern Languages or other Programs in the Arts Course Structures. These will be approved by the Head of the Modern Languages Program.

## Assessment

Assessment is by individual subject and will depend on the student's pattern of study. The Modern Languages program uses continuous assessment in all its subjects to ensure that students' progress is monitored throughout the course.

## Graduate Diploma in Arts (Philosophy)

Testamur Title:	Graduate Diploma in Arts (Philosophy)
Abbreviation:	GDipArts
Home Faculty:	Faculty of Arts
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS (local); \$7250 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	647
CRICOS Code:	026343G

## Overview

The program aims to provide graduates from other areas with an advanced level of understanding of philosophy.

## Entry Requirements

Students normally have a degree with a minor sequence in the area studies.

## Course Requirements

This is a 48 credit point program. Students enrolled in the program select Philosophy subjects from the course structures of the Bachelor of Arts. The Head of Academic program must approve the program of study.

## Graduate Certificate in Social Change and Development

Testamur Title:	Graduate Certificate in Social Change and Development
Abbreviation:	GCertSocChgDev
Home Faculty:	Faculty of Arts
Duration:	1 session full-time of part-time equivalent
Total Credit Points:	24
Delivery Mode:	Flexible
Starting Session(s):	Autumn or Spring.
Standard Course Fee:	\$6250 (local); \$7250 AUD (international)
Location:	Wollongong
UOW Course Code:	1133
CRICOS Code:	033256C

### Overview

The three subjects making up this program focus on the Asia-Pacific region. The program emphasises social transformation studies.

Attention will be paid to increasing the students' research and policy analysis skills. The program gives them the opportunity to study in a large research and teaching centre with extensive international networks, staffed by some of the best scholars in their respective fields and drawing on the pedagogic resources of a wide range of disciplines.

### Entry Requirements

A Bachelor degree from a recognized institution with a relevant minor study sequence.

### Course Requirements

This is a 24 credit point program. Students will complete three subjects.

Subjects	Title	Session	Credit Points
<b>Core subjects:</b> Students select two subjects			
CAPS910	Globalisation and Citizenship	Autumn	8
CAPS911	Social Change and Development	Autumn	8
CAPS913	Migration and Multicultural Societies	Spring	8
CAPS915	Labour Relations, Regulation and Organisation	Spring	8
<b>Elective subjects:</b> Students select one subject*			
INTR910	Politics of International Relations	Autumn	8
INTR957	Post-War Economic and Social Development in the Asia - Pacific	Autumn	8
SOC933	Advanced Research Techniques	Spring	8
SOC918	Modernity, Development and Social Change	Spring	8
SOC942	Advanced Race and Ethnic Studies	N/O 2004	8

\* With the approval of the Course co-ordinator, students may select another relevant subject.

# Faculty of Commerce

## Member Units

School of Accounting & Finance  
School of Economics & Information Systems  
School of Management, Marketing & Employment Relations  
Graduate School of Business & Professional Development (including Sydney Business School)

## Courses Offered

Doctor of Philosophy

### Accountancy

Master of Accountancy - Research  
Master of Accountancy  
Master of Professional Accounting  
Master of Forensic Accounting  
Graduate Diploma in Commerce (Accountancy)  
Graduate Certificate in Forensic Accounting

### Finance

Master of Finance - Research  
Master of Finance  
Master of Applied Finance (Banking)  
Graduate Diploma in Commerce (Finance)  
Graduate Certificate in Banking and Finance

### Management

Master of Management - Research  
Master of Management  
Master of Strategic Human Resource Management  
Graduate Diploma in Commerce (Foundations of Management)

### Marketing

Master of Marketing - Research  
Master of Strategic Marketing  
Graduate Diploma in Commerce (Marketing)  
Graduate Certificate in Marketing

### Employment Relations

Master of Industrial Relations - Research  
Master of Industrial Relations  
Graduate Diploma in Commerce (Industrial Relations)

### Economics

Master of Economics - Research  
Master of Economics  
Master of Economics Advanced  
Graduate Diploma in Commerce (Economics)  
Graduate Certificate in Applied Economics

### Information Systems

Master of Information Systems - Research  
Master of Information Systems (Advanced)  
Master of Information Systems  
Graduate Diploma in Information Systems

### Business

Doctor of Business Administration  
Master of Business Administration  
Master of Business Administration (Advanced)  
Master of International Business  
Master of Management  
Master of Science (Logistics)  
Graduate Diploma in Business Administration  
Graduate Certificate in Business Administration  
Graduate Certificate in Business  
Graduate Certificate in Logistics

## Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Commerce
Duration:	3 years or part-time equivalent
Total Credit Points:	48 per annum
Delivery Mode:	Supervised individual research
Standard Course Fee:	HECS Exempt (local); \$8,400 AUD per FT session (international)
Location:	All
UOW Course Code	201
CRICOS Code:	028400J

### Overview

Candidates with demonstrated research potential, exhibited usually by a Bachelor Honours, Masters by Research degree or other Masters degree that includes a research project, can apply to take a Doctor of Philosophy in the Faculty. Full-time study of three years, or the part-time equivalent, is normally required. Candidates will be expected to work under supervision on research projects related to their thesis area and may be required to complete coursework classes in order to acquire theory and develop methodological skills necessary for their doctoral research. Candidates for this degree enrol in the subject THES924 (full time) or THES912 (part time).

The following areas of research are some of the topics available to candidates undertaking the Doctor of Philosophy degree:

### School of Accounting and Finance

#### Accountancy

Accounting and information systems  
Accounting and EDI  
Auditing  
Controllership  
Critical accounting theory  
External financial reporting  
Government and not for profit accounting  
History of accounting thought  
International accounting  
Management accounting  
Small business management

#### Finance

Banking  
Behavioural finance  
Corporate Finance  
Financial Markets  
Financial Planning/Superannuation  
International Finance  
Mathematical Finance  
Portfolio Analysis  
Risk Management  
Small Business Finance  
Venture Capital

### School of Economics & Information Systems

#### Economics

Labour and Human Resources  
International Trade and Investment  
Economic Growth and Development  
Small and Medium enterprises  
Industrial and Business Economics  
Regional Development



## **Information Systems**

Online banking  
Knowledge Management  
Information Systems and the sustainable competitive advantage  
Visualisation of Location Based Services  
Intelligent Knowledge Acquisition  
Assessing the Effectiveness of Corporate Web Sites  
Critical Success Factors of Executive Information Systems  
Activity Theory  
Management of IT Architectures and Infrastructures

## **School of Management, Marketing & Employment Relations**

### **Management**

Public Private Partnerships  
Regulatory Reform and Business  
Local Government Reform  
Owner-Manager Learning  
Project Based Learning  
Organisational Change and Leadership  
Technological Change and Innovation  
Company Performance  
Competitive Advantage  
Internationalisation of Companies  
OHS Management  
Human Resource Management Policies and Practices of Multinational Companies  
Strategic Management in SE Asian Firms

### **Marketing**

Advertising  
Consumer Behaviour  
Customer Satisfaction  
Internet Marketing  
International Marketing  
Logistics  
Marketing Communication  
Marketing Research  
New Product Marketing and Product Innovation  
Professional Services Marketing  
Relationship Marketing  
Social Marketing  
Strategic Planning and Marketing  
Sales Management  
Services Marketing  
Supply Chain Management

### **Employment Relations**

Aboriginal labour  
Employee rights and human rights  
Children's work and child labour  
Gender and work  
Employee participation, innovation and economic growth  
Conceptions of human resource development  
Regional employment patterns  
Integration of market economies and the rights of labour  
International migration and labour regulation  
Commerce/Labour industrial relations history  
Transmission of ideas  
The employment relationship  
History of ideas in commerce and labour  
Business history and ideas

## **Graduate School of Business & Professional Development**

Australian industrial relations  
Quality environmental management systems

## Course Information

Corporate recovery and turnaround strategy  
Employer associations in Australia and Europe  
Financial management of small and medium-sized enterprises  
Financial restructuring with organizational transformation  
Government regulation of business and corporate governance  
History of the scientific management movement  
International business strategy  
International comparative industrial relations  
Labour regulation in the global economy  
Policy transfer and public sector governance  
Production and operations management using statistical forecasting  
Public sector financial management and accountability  
Strategic management of business and technology

## Other Information

Additional information is available from <http://www.uow.edu.au/> or email: [commerce@uow.edu.au](mailto:commerce@uow.edu.au)

## *School of Accounting & Finance*

### Accountancy

### Master of Accountancy - Research

Testamur Title of Degree:	Master of Accountancy – Research
Abbreviation:	MAccy-Res
Home Faculty:	Commerce
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (local); \$8,400 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1330
CRICOS Code:	042547F

## Overview

The Master of Accountancy – Research degree comprises 24 credit points of coursework and a 48 credit point thesis. This degree is primarily a research degree for those who have completed a bachelors honours at a standard of Class II, Division 2 or higher in accountancy, economics, finance or management.

## Entry Requirements / Assumed Knowledge

Candidates who have completed a coursework masters degree at an appropriate standard may be admitted to the program.

## Advanced Standing

Advanced Standing of up to 24 credit points may be awarded for the coursework component of this degree to students who have completed research related subjects at an appropriate standard as assessed by the Head of Accounting Discipline. A candidate may not undertake subjects for this degree that are similar in content to subjects included in their honours or masters course.

## Course Program

Subjects		Session	Credit Points
ACCY903	Theoretical Foundations of Research	Autumn/Spring	6
ACCY907	Empirical Research Methods	Autumn	6

## Elective Subjects

12 credit points from the 900 level subjects offered by the School of Accounting and Finance, provided those electives are appropriate to the course of research the student intends to pursue. Subject selection to be approved by the Head of Accounting Discipline.

Other coursework subjects may be substituted with the permission of the Head of Accounting Discipline.

## Thesis

Subjects		Session	Credit Points
THES 924	Thesis full time	Annual	48
THES 912	Thesis part time		24

## Other Information

Further information is available from <http://www.uow.edu.au/> or email: [accfin@uow.edu.au](mailto:accfin@uow.edu.au)

## Master of Accountancy

Testamur Title of Degree:	Master of Accountancy
Abbreviation:	MAccy
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1530
CRICOS Code:	042526M

## Overview

The purpose of this pass degree is to provide graduate students, who have completed the accountancy major for the Bachelor of Commerce degree, with the opportunity of further in-depth study of advanced topics in accounting.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor of Accountancy or Commerce degree with a major in Accountancy from a recognised tertiary institution, with an average mark of at least 60%. Students who do not have a major in Accountancy may be admitted to the program, but will be required to undertake some additional undergraduate subjects.

## Course Requirements

Candidates who do not have a major in Accountancy and wish to complete an accounting program may be permitted to study for the degree provided that they include the undergraduate accountancy subjects amounting to 24 credit points, recommended by the Head of Accounting Discipline; thus the total credit points required for these candidates is 72.

Members of not less than five years standing of CPA Australia or the Institute of Chartered Accountants in Australia with appropriate experience are permitted to enrol for the degree even though they do not hold an undergraduate degree; such candidates will be required to pass subjects aggregating 72 credit points.

## Course Program

Subjects		Session	Credit Points
ACCY903	Theoretical Foundations of Research	Autumn/Spring	6
ACCY904	Financial Accounting	Autumn	6
ACCY905	International Accounting	Spring	6
ACCY913	Management Accounting	Autumn	6
ACCY914	Management Planning and Control Systems	Autumn	6
ACCY936	Management and Information Systems	Autumn/Spring	6
ACCY968	Insolvencies	Spring	6
ACCY974	Accounting Regulation	Spring	6

With permission of the Head of Accounting Discipline, it is possible for students to substitute for the subjects listed above with ACCY985 Special Topic in Accounting A or ACCY986 Special Topic in Accounting B and up to three subjects offered in the Master of Finance degree.

## Master of Professional Accounting

Testamur Title of Degree:	Master of Professional Accounting
Abbreviation:	MProfAcc
Home Faculty:	Commerce
Duration:	1.5 to 2 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$4,800 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1515
CRICOS Code:	036454F

### Overview

The program is designed to build on the learning experience of the students and to extend that experience to an appreciation and understanding of matters relating to the practice of accounting. At the conclusion of the program, students will satisfy the academic requirements of the major accounting professional bodies. They will have an appreciation of the theoretical issues underpinning the practice of accounting, as well as the legal and practical issues surrounding that practice.

### Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree with an average mark of at least 60% from a recognised tertiary institution or equivalent.

### Course Requirements

The course is designed to be taken over three or four semesters on a full-time basis or a part-time equivalent basis. The program consists of twelve subjects totalling 72 credit points.

### Course Program

Subjects	Session	Credit Points
ACCY901 Accounting for Managers	Autumn/Spring	6
ACCY903 Theoretical Foundations of Research	Autumn/Spring	6
ACCY908 Applied Financial Accounting	Spring	6
ACCY918 Applied Management Accounting	Spring	6
FIN921 Managerial Finance	Autumn/Spring	6
ACCY936 Management and Information Systems	Autumn/Spring	6
ACCY961 Professional Practice - Accounting	Autumn	6
ACCY962 Professional Practice - Auditing, Risk Assurance & IS	Autumn	6
ACCY963 Professional Practice - Taxation	Autumn	6
ECON910 Economics for Accounting Professionals	Autumn	6
LAW960 Legal Studies for Professionals	Autumn	6

### Professional Recognition

Recognised by CPA Australia and the Institute of Chartered Accountants.

## Master of Forensic Accounting

Testamur Title of Degree:	Master of Forensic Accounting
Abbreviation:	MForAcc
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Modular – 5 full days (Fri and/or Sat) per subject over each 10 week
Starting Session(s):	Intakes A, B, C or D (Feb, Apr, Jul, Sept)
Standard Course Fee:	\$7,200 per session (local); \$8,400 per session (international)
Location:	Sydney Business School
UOW Course Code:	1541
CRICOS Code:	046874C

### Overview

The Master of Forensic Accounting emphasises a forensic rather than a control-based or risk management approach to the analysis of corporate governance and the possibility of fraud.

## Entry Requirements / Assumed Knowledge

Candidates must have an undergraduate degree in accounting from a recognised university and have achieved a 60% average mark. Other academic or professional qualifications plus a minimum of five years full-time work experience may be approved by the Program Director, Forensic Studies.

## Advanced Standing

Advanced standing for ACCY950 and ACCY958 will be offered to applicants who have completed the CPA Australia Program.

## Course Program

Subjects	Session	Credit Points
ACCY950	Introductory Forensic Accounting	6
ACCY951	Forensic and Litigation Framework	6
ACCY952	Fraud and Failure	6
ACCY953	Investigative Processes	6
ACCY954	Advanced Investigative Techniques	6
ACCY957	Independent Accounting Expert Reports	6
ACCY958	Research Project A *	6
ACCY959	Research Project B	6

## Professional Recognition

Recognised by CPA Australia.

## Graduate Diploma in Commerce (Accountancy)

Testamur Title of Degree:	Graduate Diploma in Commerce (Accountancy)
Abbreviation:	GDipCom
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	648
CRICOS Code:	028405D

## Overview

In today's competitive economic environment, an additional qualification outside a graduate's first area of expertise may increase employment opportunities. A Graduate Diploma in Commerce (Accountancy) enhances the career prospects of graduates because it complements Bachelor qualifications in any discipline – building accounting, business and finance skills.

## Entry Requirements / Assumed Knowledge

Candidates should have a Bachelor degree from a recognised tertiary institution. Students with an appropriate combination of academic qualifications, plus relevant work experience may also be considered.

## Course Requirements

Specific requirements for this course are:

1. not less than 30 credit points (of the minimum required of 48) are to be obtained from 200-level and/or 300-level subjects offered by the School of Accounting and Finance;
2. with the approval of the Head of the Accounting Discipline, subjects may be selected from 900-level subjects offered by the School of Accounting and Finance. (Any subjects selected under this clause may be included in the 30 credit points required under 1.); and
3. the whole course for the diploma is to be approved by the Head of Accounting Discipline as providing a coherent course of study.

## Course Program

Programs are designed on an individual basis and depend on educational background and career goals. Students undertake at least 48 credit points as approved by Head of Accounting Discipline.

## Other Information

Further information is available from <http://www.uow.edu.au/> or email: [accfin@uow.edu.au](mailto:accfin@uow.edu.au)

## Graduate Certificate in Forensic Accounting

Testamur Title of Degree:	Graduate Certificate in Forensic Accounting
Abbreviation:	GradCertForAcc
Home Faculty:	Commerce
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Modular – 5 full days (Fri and/or Sat) per subject over each 10 week Sydney Business School intake
Starting Session(s):	Intakes A, B, C or D (Feb, Apr, Jul, Sept)
Standard Course Fee:	\$7,200 per session (local); \$8,400 per session (international)
Location:	Sydney Business School
UOW Course Code:	1147
CRICOS Code:	N/A

### Overview

Given the spate of corporate failures in Australia and the USA in recent times, there is a growing public awareness of the need for accounting and finance professionals (and those in oversight positions) to acquire skills to identify and act upon indicators of poor corporate governance, mismanagement, fraud and other unethical behaviour. Traditional business-related education focused on management styles and techniques, financial management, and how internal and external transactions were recorded and interpreted. It is now necessary to analyse the underlying characteristics of corporate activities, and identifying corporate governance issues including potentially unethical or fraudulent behaviour at all level of the organisation.

### Entry Requirements / Assumed Knowledge

Candidates must have an undergraduate degree in accounting from a recognised university and have achieved a 60% average mark. Other academic or professional qualifications plus a minimum of five years full-time work experience may be approved by the Program Director, Forensic Studies.

### Course Program

Subjects	Session	Credit Points
ACCY950 Introductory Forensic Accounting *	Intake A/B/C/D	6
ACCY951 Forensic and Litigation Framework	Intake A/B/C/D	6
ACCY952 Fraud and Failure	Intake A/B/C/D	6
ACCY953 Investigative Processes	Intake A/B/C/D	6

### Professional Recognition

Recognised by CPA Australia.

### Other Information

Further information is available from <http://www.uow.edu.au/> or email: [accfin@uow.edu.au](mailto:accfin@uow.edu.au)

## Finance

### Master of Finance - Research

Testamur Title of Degree:	Master of Finance -Research
Abbreviation:	MFin-Res
Home Faculty:	Commerce
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1332
CRICOS Code:	042549D

### Overview

The Master of Finance - Research degree comprises 24 credit points of coursework and a 48 credit point thesis.

This degree is primarily a research degree for those who have completed a bachelors honours at a standard of Class II, Division 2 or higher in accountancy, economics, finance or management.

## Entry Requirements / Assumed Knowledge

Candidates who have completed a coursework masters degree at an appropriate standard may be admitted to the program.

## Advanced Standing

Advanced Standing of up to 24 credit points may be awarded for the coursework component of this degree to students who have completed research related subjects at an appropriate standard as assessed by the Head of Finance Discipline. A candidate may not undertake subjects for this degree that are similar in content to subjects included in their honours or masters course.

## Course Program

Coursework Core Subjects	Session	Credit Points
ACCY903 Theoretical Foundations of Research	Autumn/Spring	6
ACCY907 Empirical Research Methods	Autumn	6

## Electives

Any 2 900 level subjects offered by the School of Accounting and Finance as approved by the Discipline Head.

## Thesis

Subjects	Session	Credit Points
THES924 Thesis (full time)	Annual	48
THES912 Thesis (part time)		

## Other Information

Further information is available from <http://www.uow.edu.au/> or email: [accfin@uow.edu.au](mailto:accfin@uow.edu.au)

## Master of Finance

Testamur Title of Degree:	Master of Finance
Abbreviation:	MFin
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1532
CRICOS Code:	042529G

## Overview

This program gives students the opportunity to upgrade their knowledge of finance, financial decisions, investment strategies and investment management, whether for personal information or for the guidance of firms.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree from a recognised tertiary institution, with a grade average of 60%.

## Course Requirements

Members of not less than five years standing of CPA Australia or the Institute of Chartered Accountants in Australia, with appropriate experience, are permitted to enrol for the degree even though they do not hold an undergraduate degree. Such candidates will be required to pass subjects aggregating 72 credit points.

## Course Program

Subjects	Session	Credit Points
ACCY901 Accounting for Managers	Autumn/Spring	6
FIN921 Managerial Finance*	Autumn/Spring	6
FIN922 Investment Analysis	Autumn	6
FIN923 Investment Management	Spring	6
FIN924 Corporate Financial Information Analysis	Autumn	6
FIN925 Banking Theory and Practice	Autumn	6
FIN926 Studies in Business Finance	Autumn	6

## Course Information

FIN927	Small Business Finance	Spring	6
FIN928	Multinational Financial Management	Spring	6
FIN929	Risk, Development and Venture Capital	Spring	6

With the permission of the Head of Finance Discipline, it is possible for students to substitute for the subjects listed above up to three of the subjects offered in the Master of Accountancy degree.

### Note:

- ACCY901 and FIN921 must be taken in the first semester of commencement in degree.
- FIN921 is available only to students who have no previous finance studies. Students who are not permitted to enrol in FIN921 can select FIN987 Special Topic in Finance or ECON984 Financial Economics.
- Students who have completed a finance major in their undergraduate degree are recommended not to include FIN922 Investment Analysis on their program.

## Other Information

Further information is available from <http://www.uow.edu.au/> or email: [accfin@uow.edu.au](mailto:accfin@uow.edu.au)

## Master of Applied Finance (Banking)

Testamur Title of Degree:	Master of Applied Finance (Banking)
Abbreviation:	MAppFin
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1537
CRICOS Code:	029141D

## Overview

This program is specifically designed to meet the demands of banking and finance at a more in-depth level than provided by the Graduate Certificate. By incorporating banking theory and its application to practice, the Master of Applied Finance (Banking) aims to equip students with the knowledge and skills required to successfully compete in the job market in the areas of accounting, finance and banking. Subjects have been specifically developed with an international focus, allowing graduates to seek careers in this sector in any part of the world and to meet Australian accreditation requirements.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree with a grade average of 60% from a recognised tertiary institution. Students with appropriate combination of academic qualifications plus relevant work experience may also be considered.

## Advanced Standing

Students who successfully complete the Graduate Certificate in Banking and Finance may articulate into the Master of Banking with 24 credit points of advanced standing.

## Course Program

Students will undertake eight subjects consisting of the following:

Subjects		Session	Credit Points
FIN922	Investment Analysis	Autumn	6
FIN923	Investment Management	Spring	6
FIN925	Banking Theory and Practice	Autumn	6
FIN926	Studies in Business Finance	Autumn	6
FIN928	Multinational Financial Management	Spring	6
FIN955	International Banking	Spring	6
FIN956	Banking, Lending and Securities	Spring	6
LAW970	Banking and Financial Institutions Law	Autumn	6

## Professional Recognition

The Master of Applied Finance (Banking) is accredited by the Australian Institute of Banking and Finance (AIBF).



## Graduate Diploma in Commerce (Finance)

Testamur Title of Degree:	Graduate Diploma in Commerce (Finance)
Abbreviation:	GradDipCom
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	648
CRICOS Code:	028405D

### Overview

In today's competitive economic environment, an additional qualification outside a graduate's first area of expertise may increase employment opportunities. A Graduate Diploma in Commerce (Finance) enhances the career prospects of graduates because it complements Bachelor qualifications in any discipline – building accounting, business and finance skills.

### Entry Requirements / Assumed Knowledge

Candidates should have a Bachelor degree from a recognised tertiary institution. Students with an appropriate combination of academic qualifications, plus relevant work experience may also be considered.

### Course Requirements

Specific requirements for this course are:

1. not less than 30 credit points (of the minimum required of 48) are to be obtained from 200-level and/or 300-level subjects offered by the School of Accounting and Finance;
2. with the approval of the Head of the Finance Discipline, subjects may be selected from 900-level subjects offered by the School of Accounting and Finance. (Any subjects selected under this clause may be included in the 30 credit points required under 1.); and
3. the whole course for the diploma is to be approved by the Head of Finance Discipline as providing a coherent course of study.

### Course Program

Programs are designed on an individual basis and depend on educational background and career goals. You will undertake at least 48 credit points as approved by Head of the Finance Discipline.

## Graduate Certificate in Banking and Finance

Testamur Title of Degree:	Graduate Certificate in Banking and Finance
Abbreviation:	GCertBankFin
Home Faculty:	Commerce
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1119
CRICOS Code:	028402G

### Overview

There is growing demand in the banking and finance sector for graduates of the Graduate Certificate in Banking and Finance. By incorporating banking theory and its application to practice, this program equips students with the knowledge and skills required to successfully compete in the job market in the areas of accounting, finance and banking. Subjects have been specifically developed with an international focus and meet Australian accreditation requirements.

### Entry Requirements / Assumed Knowledge

Candidates should have a Bachelor degree from a recognised tertiary institution. Students with an appropriate combination of academic qualifications plus relevant work experience may also be considered.

## Course Program

Subjects		Session	Credit Points
FIN925	Banking Theory and Practice	Autumn	6
FIN955	International Banking	Spring	6
FIN956	Banking, Lending and Securities	Spring	6
And one of the following:			
FIN922	Investment Analysis	Autumn	6
LAW970	Banking and Financial Institutions Law	Autumn	6

## Professional Recognition

The program has been accredited by the Australian Institute of Banking and Finance (AIBF).

## *School of Management, Marketing & Employment Relations*

## Management

### Master of Management - Research

Testamur Title of Degree:	Master of Management -Research
Abbreviation:	MMgmt-Res
Home Faculty:	Commerce
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1335
CRICOS Code:	042545G

## Overview

The Master of Management (Research) provides graduates with the opportunity for further study of advanced topics in management.

## Entry Requirements / Assumed Knowledge

Candidates must have completed the requirements for the award of Bachelor of Commerce (Honours) or equivalent at a standard of Class II, Division 2 or higher, or an equivalent degree. Candidates who have completed a Masters degree may be admitted to the program. Candidates may be awarded advanced standing of up to 24 credit points for the coursework component of this degree on the basis of previous research-related subjects. Candidates who hold a Bachelor of Commerce degree at credit level or above may be admitted to the program after an appropriate program of preliminary study prescribed by the Head of School.

## Course Program

Subjects		Session	Credit Points
COMM980	Business Research Methods	Autumn	6
or another 6-credit point research-oriented subject approved by the Course Coordinator plus three 6-credit point subjects as approved by the Course Coordinator plus			
THES 924	Thesis full time	Autumn/Spring	48
THES 912	Thesis part time		

## Master of Management

Testamur Title of Degree:	Master of Management
Abbreviation:	MMgmt
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong and other locations (subject to demand)
UOW Course Code:	553
CRICOS Code:	048588D

### Overview

The Master of Management provides an opportunity for career advancement for managers. This rigorous and intellectually challenging program will assist in the development of key personal and technical skills.

### Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree from a recognised tertiary institution and have credit level results in management, commerce or business disciplines. Applicants who have a full degree and/or professional background in commerce with a management major may be able to graduate with 48 credit points (ie, one year full-time). Applicants with only a partial background in commerce may be required to take an additional 24 credit points.

### Course Requirements

Students can choose eight subjects from any of the following, subject to availability and demand. Other subjects within the Faculty may be selected with approval from the Course Coordinator. It may also be possible to undertake a research project as a major or minor part of this program, tailored to individual or their corporate sponsor interests. Subject availability may vary each session and year, depending on overall demand. Programs offered at locations outside of Wollongong, tend to follow a more restrictive format with regard to the selection of suitable subjects.

### Course Program

Subjects	Session	Credit Points
MGMT908 Human Resource Development	Autumn	6
MGMT911 Leadership and Team Dynamics	Spring	6
MGMT913 Global and Comparative Employment Relations	N/A in 2004	6
MGMT915 Leading Organisational Change: Framing the Management of Change	Spring	6
MGMT916 Management and Employment Relations	N/A in 2004	6
MGMT920 Organisational Analysis	Spring	6
MGMT940 Innovation and Entrepreneurship	Spring	6
MGMT941 Small Business Management	Autumn	6
MGMT946 Personal Learning: The Reflective Manager	Autumn	6
MGMT949 Performance Management	N/A in 2004	6
MGMT953 Human Resource Management	N/A in 2004	6
MGMT963 Management of Occupational Health and Safety	Spring	6
MGMT969 Job Analysis, Recruitment and Selection	Autumn	6
MGMT978 Cross Cultural Management	Autumn	6
MGMT983 Leading Organisations: Politics, Power and Change	Spring	6
MGMT985 Management Consulting	N/A in 2004	6

## Master of Strategic Human Resource Management

Testamur Title of Degree:	Master of Strategic Human Resource Management
Abbreviation:	MSHRM
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1517
CRICOS Code:	037087E

### Overview

Human resource managers are now focused on the achievement of effective learning organisations in a world of rapid local and global change. The emphasis on these aspects, with more traditional areas of concern, will equip the successful graduate with advanced human resource management skills for organisations in the 21st Century.

This program presents powerful tools for analysing strategic alignment, managing employment relationships and identifying leadership and team dynamics skills essential to orchestrate organisational change. It provides critical perspectives on the roles and functions of HR executives as change agents.

### Entry Requirements / Assumed Knowledge

Applicants must have a Bachelor degree in a relevant area. Applicants without a degree but with five years or more of managerial work experience in a human resource context will be considered and may be required to undertake additional subjects as agreed by the Course Coordinator.

### Course Requirements

Students can choose eight subjects from those listed below. Students may substitute one of these subjects with another of equal credit weighting with the approval of the Master of Strategic Human Resource Management Course Coordinator. Subject availability may vary each session and year, depending on demand.

### Course Program

Subjects	Session	Credit Points
MGMT908 Human Resource Development	Autumn	6
MGMT911 Leadership and Team Dynamics	Spring	6
MGMT913 Global and Comparative Human Resource Management	N/A in 2004	6
MGMT915 Leading Organisations: Framing the Management of Change	Spring	6
MGMT916 Management and Employment Relations	N/A in 2004	6
MGMT920 Organisational Analysis	Spring	6
MGMT930 Strategic Human Resource Management	Autumn	6
MGMT946 Personal Learning: The Reflective Manager	Autumn	6
MGMT949 Performance Management	N/A in 2004	6
MGMT963 Management of Occupational Health and Safety	Spring	6
MGMT969 Job Analysis, Recruitment and Selection	Autumn	6
MGMT978 Cross Cultural Management	Autumn	6
MGMT983 Leading Organisations: Politics, Power and Change Agency	Spring	6

## Graduate Diploma in Commerce (Foundations of Management) – Subject to approval

Testamur Title of Degree:	Graduate Diploma in Commerce (Foundations of Management)
Abbreviation:	GDipCom
Home Faculty:	Commerce
Duration:	1 year or part-time equivalents
Total Credit Points:	48
Delivery Mode:	Day/Evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	648
CRICOS Code:	028405D

### Overview

This course is a pathway program into other Masters programs within the Faculty of Commerce.

## Entry Requirements / Assumed Knowledge

Candidates must have completed a professional qualification for a minimum duration of two (2) years full-time plus a minimum of three (3) years work experience.

## Course Requirements

The Graduate Diploma in Commerce (Foundations of Management) is a 12 month full-time or part-time equivalent program consisting of 8 subjects as follows. Graduates are required to achieve an average mark of at least 55% to progress into Masters programs in the Faculty of Commerce.

## Course Program

Subjects	Session	Credit Points
<i>Either</i>		
ELS901 English for Post Graduate Studies 1		6
or		
ELS903 English for Post Graduate Studies 2		8
<i>plus seven (7) subjects from the following list:</i>		
ACCY901 Accounting for Managers	Autumn/Spring	6
ECON215 Microeconomic Theory and Policy	Autumn/Spring	6
ECON251 Industry and Trade in East Asia	Spring	6
ECON940 Statistics for Decision Making	Spring	6
MARK217 Consumer Behaviour	Autumn	6
MARK922 Marketing Management	Autumn	6
MGMT206 Managing Human Resources	Autumn	6
MGMT300 Innovation and Electronic Commerce	Spring	6
MGMT301 Managing Across Cultures	Autumn	6
MGMT911 Leadership and Team Dynamics	Spring	6

## Further Studies Options

This program provides a pathway to various Masters programs within the Faculty of Commerce.

## Marketing

### Master of Marketing - Research

Testamur Title of Degree:	Master of Marketing - Research
Abbreviation:	MMark-Res
Home Faculty:	Commerce
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1335
CRICOS Code:	042552J

## Overview

The Master of Marketing (Research) provides graduates with the opportunity to undertake further in-depth study in marketing, in preparation for a professional career as a marketing expert.

## Entry Requirements / Assumed Knowledge

This program is primarily a research program for those who have completed an Honours Bachelor degree in the Faculty of Commerce at a standard of Class II, Division 2 or higher, or an equivalent degree. Candidates who have completed a Masters program may be admitted. Honours and Masters candidates may be awarded advanced standing of up to 24 credit points for the coursework component of the program on the basis of previous research-related subjects. Candidates who hold a Bachelor of Commerce degree at credit level or above may be admitted to the program after an appropriate program of preliminary study prescribed by the Head of School.

## Course Requirements

The Master of Marketing (Research) is a 72-credit point program, comprising 24-credit points of coursework and a 48-credit point thesis. Candidates will be expected to undertake the following subjects.

## Course Program

Subjects	Session	Credit Points
MARK977 Research for Marketing Decisions	Autumn	6
or another 6-credit point research-oriented subject approved by the Head of School plus three 900-level 6-credit point subjects as approved by the Course Coordinator plus		
THES924 Thesis fulltime	Autumn/Spring	48
THES 912 Thesis part time		

## Master of Strategic Marketing

Testamur Title of Degree:	Master of Strategic Marketing
Abbreviation:	MSM
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong/Singapore
UOW Course Code:	1538
CRICOS Code:	042627F

### Overview

The program is designed to enhance graduates' career opportunities in the marketing field. Students will have the opportunity to study in-depth a wide range of advanced topics in marketing and gain both generalist and specialist marketing skills that are professionally-oriented.

### Entry Requirements / Assumed Knowledge

Applicants should hold a Bachelor degree in Commerce or Business with a Marketing major. Applicants with only a partial commerce background will be considered for the 72 credit point Masters program.

### Advanced Standing

Candidates who have successfully completed the Master of International Business (MIB) may apply to enrol in the MSM. MIB candidates who have successfully completed Advertising and Marketing in a Global Economy and two marketing subjects at 900-level as electives in their MIB, will receive advanced standing of 18 credit points towards a 48 credit point Master of Strategic Marketing.

### Course Requirements

Students are required to formalise an intended program with the Postgraduate Coordinator. Programs are tailored for individual students, based on their previous study and areas of interest. Subjects will generally be selected from the following subjects. Subject availability may vary each session and year, depending on demand.

## Course Program

Subjects	Session	Credit Points
MARK901 Marketing on the Internet	Spring	6
MARK917 Business to Business Marketing	Autumn	6
MARK922 Marketing Management	Autumn	6
MARK935 Marketing Strategy	Spring	6
MARK936 Consumer Behaviour	Spring	6
MARK937 Relationship Marketing	Autumn	6
MARK938 Managing Services Marketing	Autumn	6
MARK939 Contemporary Issues in International Marketing	Not on offer in 2004	6
MARK940 Advertising and Promotions Strategy	Autumn	6
MARK956 New Product Marketing	Spring	6
MARK957 International Marketing Strategy	Spring	6
MARK959 Sales Management	Spring	6
MARK970 Contemporary Issues in Marketing	Not on offer in 2004	6
MARK977 Research for Marketing Decisions	Autumn	6
MARK997 Retail Marketing Management	Not on offer in 2004	6

## Graduate Diploma in Commerce (Marketing)

Testamur Title of Degree:	Graduate Diploma in Commerce
Abbreviation:	GDipCom
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	648
CRICOS Code:	028405D

### Overview

This program is designed for students from disciplines other than Commerce to enable them to gain a qualification in marketing.

### Entry Requirements / Assumed Knowledge

Applicants should hold a Bachelor degree or equivalent from a recognised tertiary institution. Applicants with other academic or professional qualifications (such as TAFE qualifications) and relevant work experience of at least three years may be admitted. In special circumstances, applicants without a qualification, but with a minimum of five years relevant work experience may be admitted.

### Course Requirements

Eight subjects must be selected from the following, subject to the approval of the Postgraduate Coordinator, and must include Marketing Management.

### Course Program

Subjects	Session	Credit Points
MARK217 Consumer Behaviour	Autumn	6
MARK239 Information for Marketing Decisions	Spring	6
MARK319 Applied Marketing Research	Autumn	6
MARK333 Advertising and Promotions Strategy	Spring	6
MARK343 International Marketing	Spring	6
MARK397 Retail Marketing Management	Spring	6
MARK901 Marketing on the Internet	Spring	6
MARK917 Business to Business Marketing	Autumn	6
MARK922 Marketing Management	Autumn	6
MARK935 Marketing Strategy	Spring	6
MARK937 Relationship Marketing	Autumn	6
MARK938 Managing Services Marketing	Autumn	6
MARK939 Contemporary Issues in International Marketing	Not on offer in 2004	6
MARK956 New Product Marketing	Spring	6
MARK959 Sales Management	Spring	6
MARK970 Contemporary Issues in Marketing	Not on offer in 2004	6

### Credit Towards Other Courses

Students completing this program will be eligible to apply for the Master of Strategic Marketing or the Master of Business Administration programs. Graduate Diploma candidates who progress to the MSM will receive advanced standing for four 900-level marketing subjects completed, and be required to successfully complete a further four marketing subjects at 900-level. The subjects must be different from those undertaken in the Graduate Diploma.

## Graduate Certificate in Marketing

Testamur Title of Degree:	Graduate Certificate in Marketing
Abbreviation:	GCertMark
Home Faculty:	Commerce
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Day/evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1117
CRICOS Code:	027471B

### Overview

The Graduate Certificate in Marketing is designed to enhance the knowledge and skills of marketing practitioners who do not possess formal tertiary qualifications in marketing. Students are able to choose from a large variety of both undergraduate and postgraduate subjects to suit their particular marketing needs.

### Entry Requirements / Assumed Knowledge

Applicants should hold a Bachelor degree or equivalent from a recognised university or tertiary institution. Applicants holding other acceptable academic or professional qualifications (such as TAFE qualifications) with relevant work experience of at least three years may be admitted. In special circumstances, applicants without a qualification, but with substantial (a minimum of five years) relevant work experience may also be admitted.

### Course Requirements

Subject to approval by the Postgraduate Coordinator, four subjects must be chosen from the Graduate Diploma in Commerce (Marketing) schedule, including Marketing Management and at least one other 900-level subject.

### Credit Towards Other Courses

Students graduating from the Graduate Certificate program will be eligible for entry to the Graduate Diploma in Commerce (Marketing), Master of International Business (MIB) or the Master of Business Administration (MBA) programs.

## Employment Relations

### Master of Industrial Relations - Research

Testamur Title of Degree:	Master of Industrial Relations -Research
Abbreviation:	MIndRel - Res
Home Faculty:	Commerce
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1333
CRICOS Code:	042550M

### Overview

The Master of Industrial Relations (Research) provides graduates with the opportunity for further study of advanced topics in industrial relations.

### Entry Requirements / Assumed Knowledge

Entry requires a Bachelor of Commerce or Arts degree or equivalent at a standard of Class II, Division 2, or higher, in a relevant discipline. Students with an Honours Class II, Division 1 or higher in Economics may be given up to 24 credit points advanced standing for the coursework component of the program. Students who hold a Pass Masters degree in Industrial Relations (or equivalent) may be admitted with the approval of the Course Coordinator. These students will, however, be required to undertake additional coursework.



## Course Requirements

The standard program comprises 24-credit points of coursework plus a 48-credit point thesis. Candidates will be expected to undertake the following subjects, or other subjects approved by the Course Coordinator.

## Course Program

Subjects		Session	Credit Points
MGMT976	Advanced Topics in Industrial Relations A	Autumn/Spring	8
MGMT950	Gender and Work	Autumn	6
MGMT952	Work and Enterprise Industrial Relations	Not available in 2004	6
MGMT958	Industrial Relations and Management	Not available in 2004	6
THES924	Thesis (full-time) or THES912 (part-time)	Annual	48

## Master of Industrial Relations

Testamur Title of Degree:	Master of Industrial Relations
Abbreviation:	MIndRel
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1533
CRICOS Code:	042527K

## Overview

This course aims to provide graduate students, who have completed an Industrial Relations major in a Bachelor of Commerce degree or equivalent, with the opportunity for further in-depth study of advanced topics in this discipline in preparation for a career in industrial relations.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree with an average mark of 60% in Commerce or Business majoring in Industrial Relations.

## Course Requirements

Students must normally complete 48-credit points including 24 credit points from the following, subject to availability and demand.

## Course Program

Subjects		Session	Credit Points
MGMT950	Gender and Work	Autumn	6
MGMT952	Workplace and Enterprise Industrial Relations	Not on offer in 2004	6
MGMT954	Political Economy of Australian Wage Determination	Not on offer in 2004	6
MGMT958	Industrial Relations and Management	Not on offer in 2004	6
<i>Plus 24 credit points from the following:</i>			
ECON912	Labour Economics	Autumn	6
ECON913	Industrial Organisations	Autumn	6
MGMT948	Employers and Industrial Relations	Not on offer in 2004	6
MGMT955	Comparative Studies in Industrial Relations	Not on offer in 2004	6
MGMT957	Productivity and Labour	Not on offer in 2004	6
MGMT973	Employers and Industrial Relations – A	Not on offer in 2004	6
MGMT975	Negotiation, Advocacy and Bargaining	Spring	6
MGMT976	Advanced Topics in Industrial Relations – A	Autumn/Spring	8
MGMT977	Advanced Topics in Industrial Relations – B	Autumn/Spring	8
MGMT979	Advanced Topics in Industrial Relations – C	Autumn/Spring	6
MGMT987	Special Topics – B	Autumn/Spring	12
MGMT990	Minor Thesis	Autumn/Spring	24
MGMT953	Human Resource Management	Not on offer in 2004	6
LAW966	Studies in Industrial Law	Not on offer in 2004	6
LAW969	Occupational Health and Safety Law	Autumn	6

## Graduate Diploma in Commerce (Industrial Relations)

Testamur Title of Degree:	Graduate Diploma in Commerce
Abbreviation:	GDipCom
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	648
CRICOS Code:	028405D

### Overview

This course aims to provide graduate students who have not completed an Industrial Relations major in their undergraduate degree, with the opportunity for advanced study in industrial relations.

### Entry Requirements / Assumed Knowledge

Candidates should have a Bachelor degree from a recognised tertiary institution. In special circumstances, a professional holding a tertiary qualification other than a Bachelor degree may be permitted to enrol.

### Course Requirements

Students must complete 48-credit points approved by the Course Coordinator, including at least 24-credit points taken from the following:

### Course Program

Subjects	Session	Credit Points
MGMT142 Industrial Relations A	Autumn	6
MGMT240 Industrial Relations B: Wage Determination	Spring	6
MGMT243 Work and Employment Relations	Not on offer in 2004	6
MGMT340 Comparative Studies in Employment Relations	Not on offer in 2004	6
MGMT341 International and Comparative Employment Relations	Spring	6
MGMT342 Research Topics in Industrial Relations	Autumn	6
MGMT348 Employers and Industrial Relations	Autumn	6
MGMT352 Negotiation, Advocacy and Bargaining	Spring	6

## *School of Economics and Information Systems*

### Economics

### Master of Economics

Testamur Title of Degree:	Master of Economics
Abbreviation:	MEcon
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1513
CRICOS Code:	042528J

### Overview

This course aims to provide graduate students, who have completed an Economics major in an undergraduate degree, with the opportunity for further study in Economics. The degree is by coursework only and involves one year of full-time study or part time equivalent. Those with good results will be eligible to undertake advanced study in Economics leading to a research degree.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree majoring in Economics or an equivalent degree from a recognised tertiary institution. Candidates who have the equivalent of Economics to second year level in their undergraduate degree may be permitted to study for this program, provided they have passed a program of 24 credit points of 300 level Economics subjects approved by the Head of Discipline. The total credit points required in the program is 72.

## Course Requirements

Students must complete 48 credit points at 900 level according to the following program structure:

### Course Program

Subjects	Session	Credit Points
ECON936 Graduate Macroeconomics	Spring	6
ECON937 Graduate Microeconomics	Autumn	6
ECON939 Quantitative Economic Analysis	Autumn	6

Plus 30 credit points normally chosen from one of the following areas of study:

#### International Business Economics - 18 credit points from the following:

ECON902 Advanced International Monetary Economics	Spring	6
ECON913 Industrial Organisation	Autumn	6
ECON982 International Economic Relations	Spring	6
ECON984 Financial Economics	Spring	6

Plus 12 credit points of 900-level subjects, six of which can be selected from outside the Discipline of Economics, with approval of the Head of Discipline.

#### Trade, Growth and Development - 18 credit points from the following:

ECON904 Trade, Growth and Development	Autumn	6
ECON908 Advanced Topics in the Economics of Development	Spring	6
ECON982 International Economic Relations	Spring	6
ECON983 Trade and Industry in East Asia	Spring	6

Plus 12 credit points of 900 level subjects, six of which can be selected from outside the Discipline of Economics with approval of the Head of Discipline.

#### Money, Banking and Finance - 18 Credit points comprised of:

ECON901 Monetary Economics	Autumn	6
ECON902 Advanced international Monetary Economics	Spring	6
ECON984 Financial Economics	Spring	6

Plus 12 credit points of 900 level subjects, six of which can be selected from outside the Discipline of Economics, with approval of the Head of Discipline.

#### Human Resource Economics - 18 credit points comprised of:

ECON912 Labour Economics	Autumn	6
ECON918 Economics of Health Care	Autumn	6
ECON983 Trade and Industry in East Asia	Spring	6

Plus 12 credit points of 900 level subjects, six of which can be selected from outside the Discipline of Economics, with approval of the Head of Discipline.

## Master of Economics - Research

Testamur Title of Degree:	Master of Economics - Research
Abbreviation:	MEcon - Res
Home Faculty:	Commerce
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72 Credit Points
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1331
CRICOS Code:	042548E

## Overview

This course aims to provide graduate students, who have completed an Economics major in an undergraduate degree, with the opportunity for advanced study in Economics including a major research thesis.

## Entry Requirements / Assumed Knowledge

Entry level will normally be by an Honours Bachelor of Commerce or Arts degree or equivalent at a standard of Class II, Division 2 or higher in Economics. Students who hold a Pass Masters degree in Economics or equivalent will be admitted, although additional coursework may be required at the direction of the Head of Discipline.

## Advanced Standing

Students who hold an Honours Class II, Division 1 or higher in Economics may be awarded up to 24 credit points advanced standing for the coursework component of the program.

## Course Requirements

Students normally undertake a 72 credit point program consisting of 24 credit points of coursework plus 48 credit points of research thesis.

## Course Program

Subjects	Session	Credit Points
ECON996 Advanced Macroeconomic Theory	Autumn	6
ECON997 Advanced Microeconomic Theory	Autumn	6
Plus one of the following:		
ECON921 Econometric Models	Spring	6
Or		
ECON939 Quantitative Economic Analysis	Autumn	6
Plus six credit points at 900 level as approved by the Head of Discipline.		
Plus		
THES924 Thesis (full time) or	Annual	48
THES912 Thesis (part time)		

## Master of Economics - Advanced

Testamur Title of Degree:	Master of Economics - Advanced
Abbreviation:	MEcon(Adv)
Home Faculty:	Commerce
Duration:	1.5 Years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Day
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1431
CRICOS Code:	044406C

## Overview

The purpose of the Master of Economics - Advanced is to provide graduate students who have completed an Economics major in their undergraduate degrees with the opportunity for advanced study in Economics. The degree is by coursework and a research project and may be completed over 18 months full time or it may be studied part time. The degree is suitable for those who wish to undertake an in-depth study of Economics, but who do not wish to write a major thesis of the type expected in a Masters research degree.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree with a major in Economics or an equivalent degree from a recognised tertiary institution. Students who do not have this qualification will be required to complete satisfactorily a preliminary program of an additional 24 credit points of coursework.

## Course Requirements

Students must, subject to advanced standing or exceptions, complete 72 credit points comprising:

## Course Program

Subjects	Session	Credit Points
ECON996 Advanced Macroeconomic Theory	Autumn	6
ECON997 Advanced Microeconomic Theory	Autumn	6
Plus		
ECON992 Research Report	Annual	24
<i>Plus 36 credit points of 900 level subjects as approved by the Head of Discipline, chosen from:</i>		
ECON901 Monetary Economics	Autumn	6
ECON902 Advanced International Monetary Economics	Spring	6
ECON904 Trade, Growth & Development	Autumn	6
ECON907 Cost-Benefit Analysis	Spring	6
ECON908 Advanced Topics in the Economics of Development	Spring	6

ECON911	Advanced International Economics	Spring	6
ECON912	Labour Economics	Autumn	6
ECON913	Industrial Organisation	Autumn	6
ECON915	Electronic Commerce and the Economics of Information	Spring	6
ECON918	Economics of Health Care	Autumn	6
ECON921	Econometric Models	Spring	6
ECON927	Technology in the New Economy	Spring	6
ECON938	Environmental Economics	Spring	6
ECON982	International Economic Relations	Spring	6
ECON983	Trade and Industry in East Asia	Spring	6
ECON984	Financial Economics	Spring	6

## Graduate Diploma in Commerce (Economics)

Testamur Title of Degree:	Graduate Diploma in Commerce (Economics)
Abbreviation:	GDipCom
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48 credit points
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	648
CRICOS Code:	028405D

### Overview

The purpose of the Graduate Diploma in Commerce (Economics) is to provide graduate students who have not completed an Economics major in their undergraduate degrees with the opportunity to gain the equivalent of a major in Economics. The program also provides graduate students who obtained an Economics major many years ago with a refresher course in the discipline. The Diploma involves one year of full-time study or it may be studied part-time. Those with good results will be eligible to study Economics at the Masters level.

### Entry Requirements / Assumed Knowledge

Candidates should have a Bachelor degree from a recognised tertiary institution. Applicants with an appropriate combination of academic qualifications and relevant work experience will also be considered.

### Course Program

Subjects		Session	Credit Points
ECON205	Macroeconomic Theory and Policy	Autumn/Spring	6
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6

Plus 36 credit points of approved 200, 300 and 900 level subjects, one of which can be selected from subjects outside the Discipline of Economics, with approval of the Head of Discipline.

## Graduate Certificate in Applied Economics

Testamur Title of Degree:	Graduate Certificate in Applied Economics
Abbreviation:	GCertApplEcon
Home Faculty:	Commerce
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Day/Evening
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1116
CRICOS Code:	020193J

### Overview

The purpose of the Graduate Certificate in Applied Economics is to provide graduate students who have studied little or no Economics in their undergraduate degrees with the opportunity to undertake a short course of study in a field of Economics that interests them. The Certificate involves six months of full-time study or it may be studied part-time.

## Entry Requirements / Assumed Knowledge

Candidates should have a Bachelor degree from a recognised tertiary institution. Applicants with an appropriate combination of academic qualifications and relevant work experience will also be considered.

## Course Requirements

Students must complete 24 credit points of approved 200 and 300 level subjects.

## Information Systems

### Master of Information Systems - Research

Testamur Title of Degree:	Master of Information Systems -Research
Abbreviation:	MIS-Res
Home Faculty:	Commerce
Duration:	1.5 years
Total Credit Points:	72 credit points
Delivery Mode:	Day/evening/On campus
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1334
CRICOS Code:	042551K

## Overview

The Master of Information Systems (Research) is a 72 credit point degree consisting of 24 credit points of coursework subjects and a 48 credit point thesis. The program may be studied full time over 1.5 years or part-time over three years.

## Entry Requirements / Assumed Knowledge

This degree is primarily a research degree for those who have completed an undergraduate degree in Information Systems, or equivalent, with distinction, e.g. a BCom(Honours) in Business Information Systems at a standard of Class II Division 2 or higher.

## Advanced Standing

Advanced standing of up to 24 credit points may be awarded for the coursework component of this degree to students who have completed subjects relating to any specific research areas at an appropriate standard as assessed by the Course Coordinator.

## Course Program

Subjects	Session	Credit Points
BUSS929 Information Systems Research Methods	Autumn/Spring	6
Plus: 18 credit points of 900-level subjects offered in Information Systems to be approved by the Course Coordinator		
THES924 Thesis Full time	Annual	48
THES912 Thesis Part time		24

### Master of Information Systems (Advanced) – *subject to approval*

Testamur Title of Degree:	Master of Information Systems (Advanced)
Abbreviation:	MIS (Advanced)
Home Faculty:	Commerce
Duration:	2 years
Total Credit Points:	72 credit points
Delivery Mode:	Day/evening/On campus
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	-
CRICOS Code:	-

## Overview

The Master of Information Systems (Advanced) degree specialising in Information Systems provides graduates with the opportunity to study advanced topics in information systems and to undertake a research project in one of the areas of research

interest in the IS Discipline. The program aims to both deepen and broaden the knowledge and skills of students in systems development methodologies, systems management, electronic commerce and a selected area of IS research.

### Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor of Commerce degree from a recognised tertiary institution with a major in Information Systems or equivalent. Computer Science graduates and students with a major in Information Systems or Business Computing in another degree are also eligible to apply.

### Advanced Standing

Candidates who have successfully completed the Master of Information Systems (MIS) may apply to enrol in the MBA program. MIS candidates who progress to the MBA will be required to successfully complete a further seven subjects.

### Course Program

Subject	Session	Credit Points
BUSS945 Information Systems Project	Aut/Spring/Annual	12
BUSS950 Systems Development Methodologies	Autumn	6
BUSS951 Critical Issues in Information Systems	Spring	6
BUSS952 Strategic Information Systems Management	Autumn	6
BUSS953 Management of Information Systems Development	Spring	6
<i>Plus 36 credit points from the following subjects:</i>		
BUSS906 Strategic Information in Organisations	Autumn/Spring	6
BUSS907 Fundamentals of e-Business	Autumn/Spring	6
BUSS909 Office Automation and Intranets*	Autumn	
BUSS910 Qualitative Analysis of Systems	Autumn	6
BUSS911 Intelligent Systems	Spring	6
BUSS924 Systems Modelling and Simulation	Autumn	6
BUSS926 Decision Support Systems	Spring	6
BUSS927 Human Computer Interaction	Autumn	6
BUSS929 Information Systems Research Methods	Autumn/Spring	6

\* Not on offer in 2004

## Master of Information Systems

Testamur Title of Degree:	Master of Information Systems
Abbreviation:	MInfoSys
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48 credit points
Delivery Mode:	Day/evening/on campus
Starting Session(s):	Autumn/Spring/Summer
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	1534
CRICOS Code:	031281G

### Overview

The MIS degree specialising in Information Systems provides graduates with the opportunity to study advanced topics in information systems and to undertake a research project in one of the areas of research interest in the IS Discipline. The program aims to both deepen and broaden the knowledge and skills of students in systems development methodologies, systems management, electronic commerce and a selected area of IS research.

### Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor of Commerce degree from a recognised tertiary institution with a major in Information Systems or equivalent. Computer Science graduates and students with a major in Information Systems or Business Computing in another degree are also eligible to apply.

### Advanced Standing

Candidates who have successfully completed the Master of Information Systems (MIS) may apply to enrol in the MBA program. MIS candidates who progress to the MBA will be required to successfully complete a further seven subjects.

## Course Requirements

The course is specifically designed for, and restricted to those who hold undergraduate degrees in areas not related to the field of information systems and who wish to gain essential initial education in information systems.

Subject		Session	Credit Points
BUSS945	Information Systems Project	Aut/Spring/Annual	12
BUSS950	Systems Development Methodologies	Autumn	6
BUSS951	Critical Issues in Information Systems	Spring	6
BUSS952	Strategic Information Systems Management	Autumn	6
BUSS953	Management of Information Systems Development	Spring	6

*Plus 12 credit points of elective 900-level BUSS subjects selected from the following:*

BUSS906	Strategic Information in Organisations	Autumn/Spring	6
BUSS907	Fundamentals of E-Business	Autumn/Spring	6
BUSS909	Office Automation and Intranets*	Autumn	6
BUSS910	Qualitative Analysis of Systems	Spring	6
BUSS911	Intelligent Systems	Autumn	6
BUSS926	Decision Support Systems	Spring	6
BUSS927	Human Computer Interaction	Autumn	6
BUSS929	Information Systems Research Methods	Autumn/Spring	6

\*not on offer in 2004

## Graduate Diploma in Information Systems

Testamur Title of Degree:	Graduate Diploma in Information Systems
Abbreviation:	GDipInfoSys
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/evening/on campus
Starting Session(s):	Autumn/Spring/Summer
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	648B
CRICOS Code:	031280G

## Overview

This course aims to provide graduates with a coherent program of studies, which will enable them to function as information systems professionals within a business organisation. The curriculum provides a balanced approach to the technical knowledge and skills, as well as an emphasis on human aspects of the information systems field. Students who do not have a strong background in either programming or databases may need to vary the schedule in consultation with the Course Coordinator.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree from a recognised tertiary institution.

## Course Program

Subjects		Session	Credit Points
BUSS211	Requirements Determination and Systems Analysis	Autumn	6
BUSS212	Database Management Systems	Spring	6
BUSS315	Knowledge-Based Information Systems	Autumn	6
BUSS318	Information Systems Project	Spring	6
BUSS218	Systems Design and Architecture	Spring	6
<i>And one of the following:</i>			
BUSS201	User-Centred Business Programming	Autumn	6
BUSS214	Business Programming II	Autumn	6
<i>And one of the following:</i>			
BUSS308	Computer Systems Management	Spring	6
BUSS311	Advanced Database Management Systems	Autumn	6
BUSS316	Information Systems Prototyping	Spring	6
BUSS317	Business Programming IV	Spring	6



## Graduate Certificate in Information Systems

Testamur Title of Degree:	Graduate Certificate in Information Systems
Abbreviation:	GCertInfoSys
Home Faculty:	Commerce
Duration:	1yr part-time
Total Credit Points:	24 credit points
Delivery Mode:	Day/evening/On campus
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong
UOW Course Code:	697B
CRICOS Code:	-

### Overview

This course is designed for graduates seeking an introductory course in the field of Information Systems. The course is specifically designed for, and restricted to those students who hold University qualifications in areas not related to the field of Information Systems. Students performing at a satisfactory level in the Graduate Certificate may be permitted to continue with the Graduate Diploma in Information Systems with up to 24 credit points of specified credit. These students will not be entitled to receive the Graduate Certificate in Information Systems.

### Entry Requirements / Assumed Knowledge

Candidates should have a Bachelor degree from a recognised tertiary institution. Applicants with an appropriate combination of academic qualifications and relevant work experience may also be considered.

### Advanced Standing

Normal prerequisites are not applied in the Graduate Certificate or Graduate Diploma programmes. Other Information Systems subjects may be substituted with the approval of the Head of Discipline.

### Course Requirements

Students will take:

One BUSS 300-level subject	6 cp
Three BUSS subjects at 200 or 300 level	18 cp

### Credit Towards Other Courses

Students performing at a satisfactory level in the Graduate Certificate may be permitted to continue with the Graduate Diploma in Information Systems with up to 24 credit points of specified credit. These students *will not* be entitled to receive the Graduate Certificate in Information Systems.

### Other Information

Further information is available at: [www.uow.edu.au/admin/staff/cols/](http://www.uow.edu.au/admin/staff/cols/)

## The Graduate School of Business and Professional Development

### Doctor of Business Administration (Not open for new enrolments in 2004)

Testamur Title of Degree:	Doctor of Business Administration
Abbreviation:	DBA
Home Faculty:	Commerce
Duration:	3 years full time or part time equivalent (Currently offered part-time only)
Total Credit Points:	48 cps for coursework in addition to Thesis Subject
Starting Session(s):	Intake A, B, C, D
Delivery Mode:	Face to Face
Standard Course Fee:	HECS Exempt (local); International fee n/a
Location:	Wollongong
UOW Course Code:	207
CRICOS Code:	047174A

#### Overview

The Doctor of Business Administration (DBA) is an advanced postgraduate research degree that focuses on professional business practice, providing managers with the necessary research skills that can be applied to issues of organisational leadership. The course is designed to provide a framework that will enable participants to expand their knowledge in one or more business areas, drawing on the disciplinary expertise of faculties across campus. In addition, the program provides students the opportunity to undertake an independent research project, by completing a thesis. The course is designed to build on the existing strengths of the participants and provide a formal educational opportunity for them to demonstrate their managerial capacities and gain a competitive advantage in business.

#### Entry Requirements / Assumed Knowledge

Candidates must have a minimum of five years managerial experience and be currently working in a business or have access to a business/ industry/ sector to be able to complete the research requirements of the course.

Candidates must also have a Master of Business Administration with at least a credit average, or an equivalent qualification from a recognised Australian tertiary institution, or have a Bachelor degree with a minimum of Class II (Division2) Honours.

#### Course Requirements

The coursework component consists of 8 subjects (48cps) including four compulsory subjects as listed below. Candidates are also to complete four elective subjects at 900 level, from other TBS subjects or from the University's cross-faculty offerings, as agreed with the Program Co-ordinator after consideration of the student's background and research aims. To complete the thesis component that accounts for two thirds of the degree, candidates are to enrol in either of the thesis subjects listed below.

#### Course Program

Compulsory coursework subjects include:

Subjects	Credit Points
TBS941 Advanced Business Studies	6
TBS942 Advanced Business Specialisation Studies	6
TBS943 Advanced Business Research Methods	6
TBS944 Advanced Business Specialisation Research	6

Students are to enroll in either of the Thesis Subjects below:

THES924 Thesis full time	48
THES912 Thesis part time	24

#### Electives

Four elective subjects are to be selected from other 900 level Graduate School of Business and Professional Development subjects or from the University's cross-faculty offerings, as agreed with the Program Co-ordinator after consideration of the student's background and research aims.

#### Other Information

For further information regarding courses offered at the Graduate School of Business and Professional Development and contact details visit our website at [www.uow.edu.au/bized/](http://www.uow.edu.au/bized/)

## Master of Business Administration

Testamur Title of Degree:	Master of Business Administration			
Abbreviation:	MBA			
Home Faculty:	Commerce			
Duration:	18 months full time or part time equivalent			
Total Credit Points:	72			
Starting Session(s):	Intake A, B, C, D			
Delivery Mode:	Face to Face			
Standard Course Fee:	\$22,500 (local); \$27,600 (international)			
Location:	Wollongong	Sydney Business School	Hong Kong	Dubai
UOW Course Code:	547, FP547	SC547	HK567	DB547
CRICOS Code:	013031G			

### Overview

The Master of Business Administration is designed for those who require the knowledge, competencies and managerial skills necessary to operate in a challenging and changing global environment. The compulsory subjects of the program have a strategic focus that tackle practical issues and concepts and develop skills required by a modern manager. At the completion of the MBA program, graduates should be able to analyse any problem they encounter within an organisation by identifying the key factors, generating a range of solutions and make strong managerial decisions. The compulsory subjects offer an introduction to key managerial concepts and the skills required by managers, providing a foundation for the elective subjects that follow.

### Entry Requirements / Assumed Knowledge

Applicants must have a Bachelor Degree or equivalent with an average mark of at least 60 %. Applicants with a Bachelor degree average mark between 50 % and 59 % with two years relevant work experience or with a Graduate Diploma in Commerce with an average of at least 55 % may also be accepted.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

Note: Due to different entry criteria and programs of study, students will not be permitted to transfer between the MBA and Master of Commerce programs.

### Advanced Standing

Candidates who have completed either Master of International Business or Master of Science (Logistics) degree with an average mark of at least 55 % may apply to enrol into the MBA Program. These candidates will be required to complete seven specified subjects.

Candidates who have successfully completed a selected range of eight subject Masters programs from the Faculties of Commerce, Health and Behavioural Sciences, Informatics, Engineering and Education who satisfy entry requirements for the MBA, may apply to enrol in the MBA program with advanced standing.

Candidates should consult the MBA Program Co-ordinator for further information.

### Course Requirements

Candidates are required to complete 12 subjects (72cps) according to the sequence of study listed below. There are eight compulsory subjects that are required to be completed along with four elective subjects selected from other 900 level Graduate School of Business and Professional Development or Faculty of Commerce subjects, or any other 900 level subjects as approved by the MBA Program Co-ordinator.

### Course Program

Compulsory Subjects	Credit Points
TBS901 Accounting for Managers	6
TBS903 Managing People in Organisations	6
TBS904 Marketing Management	6
TBS905 Economic Analysis of Business	6
TBS906 Information Systems for Managers	6
TBS907 Financial Strategy #	6
TBS920 International Business *	6
TBS921 Strategic Decision Making *	6

# TBS901 is a pre-requisite for this subject.

\* These capstone subjects are to be undertaken only after all compulsory subjects have been completed.

## Electives

Two elective subjects that are strongly recommended to students because they provide vital management skills are:

TBS902	Statistics for Decision Making (develops skills necessary to complete core subjects); and
TBS908	Supply Chain Management

Note: Students undertaking the program through the Sydney Business School will have a restricted number of elective subjects available.

## Credit Towards Other Courses

Graduates that have successfully completed the MBA program may apply to enrol in one of the Graduate School's eight subject Masters programs such as MIB or MSc (Logistics). Those candidates will be required to complete six specified subjects.

Applicants should consult the relevant program co-ordinator for further information.

## Other Information

As a member of the Australian National Business School (ANBS), our MBA students benefit by the ability to transfer to other ANBS member Universities and the flexibility to work temporarily interstate without disrupting their studies. Our MBA students also have the opportunity to participate in South East Asian and European summer schools.

For further information regarding courses offered at the Graduate School of Business and Professional Development and contact details visit our website at [www.uow.edu.au/bized/](http://www.uow.edu.au/bized/)

## Master of Business Administration (Advanced)

Testamur Title of Degree:	Master of Business Administration (Advanced)
Abbreviation:	MBA (Adv.)
Home Faculty:	Commerce
Duration:	2 years full time or part time equivalent
Total Credit Points:	96 cps
Starting Session(s):	Intake A, B, C, D
Standard Course Fee:	\$30,000 (local); \$36,800 (international )
Location:	Wollongong, Sydney Business School
Delivery Mode:	Face to Face
UOW Course Code:	547
CRICOS Code:	-

## Overview

The Master of Business Administration (Advanced) Program offers students an extended MBA Program. The MBA Advanced Program has a strategic focus designed for those students who require the knowledge, competencies and managerial skills necessary to operate in a challenging and changing global environment. The MBA (Advanced) Program offers students the opportunity to further specialise in their area of interest by completing additional elective subjects. At the completion of the program, graduates should be able to analyse any problem they encounter within an organisation by identifying the key factors, generating a range of solutions and making strong managerial decisions.

## Entry Requirements / Assumed Knowledge

Applicants must have a Bachelor Degree or equivalent with an average mark of at least 60 %. Applicants with a Bachelor degree average mark between 50 % and 59 % with two years relevant work experience or with a Graduate Diploma in Commerce with an average of at least 55 % may also be accepted.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

Note: Due to different entry criteria and programs of study, students will not be permitted to transfer between the MBA and Master of Commerce programs.

## Advanced Standing

Candidates that have completed either Master of International Business or Master of Science (Logistics) may apply to enrol into the MBA (Advanced) Program. Candidates will be required to complete a scheduled number of additional subjects according to approved enrolment patterns.

Candidates who have successfully completed a selected range of eight subject Masters programs from the Faculties of Commerce, Health and Behavioural Sciences, Informatics, Engineering and Education who satisfy entry requirements for the MBA, may apply to enrol in the MBA program with advanced standing.

Candidates should consult the MBA Program Co-ordinator for further information.

## Course Requirements

Candidates are required to complete a total of 16 subjects (96 cps) to meet course requirements. There are eight compulsory subjects listed below. Candidates are also required to complete eight elective subjects selected from other 900 level Graduate School of Business and Professional Development or Faculty of Commerce subjects, or any other 900 level subjects as approved by the MBA Program Co-ordinator.

## Course Program

### Subjects

Subjects	Credit Points
TBS901 Accounting for Managers	6
TBS903 Managing People in Organisations	6
TBS904 Marketing Management	6
TBS905 Economic Analysis of Business	6
TBS906 Information Systems for Managers	6
TBS907 Financial Strategy #	6
TBS920 International Business *	6
TBS921 Strategic Decision Making *	6

# TBS901 is a pre-requisite for this subject.

\* These capstone subjects are to be undertaken only after all compulsory subjects have been completed.

## Electives

Two elective subjects that are strongly recommended to students because they provide vital management skills are:

TBS902	Statistics for Decision Making (develops skills necessary to complete core subjects); and
TBS908	Supply Chain Management

Note: Students undertaking the program through the Sydney Business School will have a restricted number of elective subjects available.

## Other Information

As a member of the Australian National Business School (ANBS), our MBA students benefit by the ability to transfer to other ANBS member Universities and the flexibility to work temporarily interstate without disrupting their studies. Our MBA students also have the opportunity to participate in South East Asian and European summer schools.

For further information regarding courses offered at the Graduate School of Business and Professional Development and contact details visit our website at [www.uow.edu.au/bized/](http://www.uow.edu.au/bized/)

## Master of International Business

Testamur Title of Degree:	Master of International Business			
Abbreviation:	MIB			
Home Faculty:	Commerce			
Duration:	12 months full time or part time equivalent			
Total Credit Points:	48 cps			
Starting Session(s):	Intake A, B, C, D			
Delivery Mode:	Face to Face			
Standard Course Fee:	\$12,000 (local); \$16,800 (international)			
Location:	Wollongong	Sydney Business School	Singapore	Dubai
UOW Course Code:	597, FP597	SC597	SN597	DB597
CRICOS Code:	026342G			

## Overview

The Master of International Business has an international business strategy focus and is designed for those who wish to enhance their knowledge and expertise in global business and management issues. The program is primarily designed for new graduates about to embark on their first line managerial position. It is also suitable for experienced managers who wish to enhance their knowledge and expertise in global management issue.

## Entry Requirements / Assumed Knowledge

Applicants must have a Bachelor Degree or equivalent from a recognised tertiary institution. Applicants that have completed a Diploma in Commerce with an average of at least 55 % may also be accepted.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

## Advanced Standing

Candidates who have successfully completed the Master of Business Administration, may apply to enrol in the Master of International Business. These applicants will be required to complete an additional six subjects according to the approved enrolment patterns.

Candidates should consult the MIB Program Co-ordinator for further information.

## Course Requirements - *This course structure is subject to approval by the University's Academic Senate*

Candidates are required to complete a total of eight subjects (48 cps) according to the sequence of study listed below.

## Course Program

Subjects	Credit Points
TBS980 International Financial Analysis and Decision Making	6
TBS981 Employment Relations in an International Context	6
TBS982 Advertising and Marketing in a Global Economy	6
TBS983 International Economic Environment of Business	6
TBS984* International Business	6

\* This capstone subject is to be undertaken after a minimum of three core subjects have been successfully completed.

Students will be required to complete three electives chosen from the following:

MGMT978 Cross Cultural Management	6
IACT917 Information Management	6
TBS902 Statistics for Decision Making	6
TBS908 Supply Chain Management	6
TBS985 Communication for International Business (Not to Count with ELL901)	6
ELL901 English for Postgraduate Studies (Not to count with (TBS985)	6

## Other Information

For further information regarding courses offered at the Graduate School of Business and Professional Development and contact details visit our website at [www.uow.edu.au/bized/](http://www.uow.edu.au/bized/)

## Master of Management

Testamur Title of Degree:	Master of Management
Abbreviation:	MMgmt
Home Faculty:	Commerce
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/evening classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 per session (local); \$8,400 per session (international)
Location:	Wollongong and other locations (subject to demand)
UOW Course Code:	553
CRICOS Code:	048588D

## Overview

The Master of Management provides an opportunity for career advancement for managers. This rigorous and intellectually challenging program will assist in the development of key personal and technical skills.

## Entry Requirements / Assumed Knowledge

Candidates must have a Bachelor degree from a recognised tertiary institution and have credit level results in management, commerce or business disciplines. Applicants who have a full degree and/or professional background in commerce with a management major may be able to graduate with 48 credit points (ie, one year full-time). Applicants with only a partial background in commerce may be required to take an additional 24 credit points.

## Course Requirements

Students can choose eight subjects from any of the following, subject to availability and demand. Other subjects within the Faculty may be selected with approval from the Course Coordinator. It may also be possible to undertake a research project as a major or minor part of this program, tailored to individual or their corporate sponsor interests. Subject availability may vary each session and year, depending on overall demand. Programs offered at locations outside of Wollongong, tend to follow a more restrictive format with regard to the selection of suitable subjects.

## Course Program

Subjects	Session	Credit Points
MGMT908 Human Resource Development	Autumn	6
MGMT911 Leadership and Team Dynamics	Spring	6
MGMT913 Global and Comparative Employment Relations	Not on offer in 2004	6
MGMT915 Leading Organisational Change: Framing the Management of Change	Spring	6
MGMT916 Management and Employment Relations	Not on offer in 2004	6
MGMT920 Organisational Analysis	Spring	6
MGMT940 Innovation and Entrepreneurship	Spring	6
MGMT941 Small Business Management	Autumn	6
MGMT946 Personal Learning: The Reflective Manager	Autumn	6
MGMT949 Performance Management	Not on offer in 2004	6
MGMT953 Human Resource Management	Not on offer in 2004	6
MGMT963 Management of Occupational Health and Safety	Spring	6
MGMT969 Job Analysis, Recruitment and Selection	Autumn	6
MGMT978 Cross Cultural Management	Autumn	6
MGMT983 Leading Organisations: Politics, Power and Change	Spring	6
MGMT985 Management Consulting	Not on offer in 2004	6

## Master of Science (Logistics)

Testamur Title of Degree:	Master of Science (Logistics)			
Abbreviation:	MSc (Logistics)			
Home Faculty:	Commerce			
Duration:	12 months full time or part time equivalent			
Total Credit Points:	48 cps			
Standard Course Fee:	\$12,000 (local); \$16,800 (international)			
Location:	Wollongong	Sydney Business School	Hong Kong	Singapore
Delivery Mode:	Face to Face			
Starting Session(s):	Intake A, B, C, D			
UOW Course Code:	574, FP574	SC574	HK574	SN574
CRICOS Code:	042635F			

## Overview

This course is designed to provide managers with knowledge and expertise in logistics operations management theory and practice, particularly for managers within the manufacturing, transport, service and retailing industries.

This course will provide managers with the tools to effectively implement supply chain management, enhancing the competitive success and profitability of their organisation. Professionals and managers working within the logistics and operations management area will acquire the skills required to manage the flow of materials and information within and between organisations.

## Entry Requirements / Assumed Knowledge

Applicants must have a Bachelor Degree or equivalent with an average mark of at least 60 %. Applicants with a Bachelor degree average mark between 50 % and 59 % with two years relevant work experience or with a Graduate Diploma in Commerce with an average of at least 55 % may also be accepted.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

## Advanced Standing

Candidates who have successfully completed the Master of Business Administration, may apply to enrol in the Master of Science (Logistics). These applicants will be required to complete an additional six subjects according to the approved enrolment patterns.

Candidates should consult the MSc (Logistics) Program Co-ordinator for further information.

## Course Requirements - *This course structure is subject to approval by the University's Academic Senate*

Candidates are required to complete a total of eight subjects (48 cps) according to the sequence of study listed below. There are six compulsory subjects to be completed along with two elective subjects that are to be selected from the list below.

### Course Program

Core Subjects	Credit Points
TBS901 Accounting for Managers	6
TBS912 Quantitative Methods for Decision Making	6
TBS908 Supply Chain Management	6
TBS928 Transport Logistics Management	6
TBS930 Operations Management	6
TBS918# Strategic Supply Chain Management	6
# TBS908 is a pre-requisite for TBS918.	
Enrolment schedules will be issued to students on orientation day.	

### Electives

TBS925# Inventory Management	6
TBS926 Manufacturing Management	6
TBS932 Service Operations Management	6
TBS933 Procurement Management	6
TBS950 Quality in Management	6
# TBS930 is a pre-requisite for TBS925.	

### Other Information

For further information regarding courses offered at the Graduate School of Business and Professional Development and contact details visit our website at [www.uow.edu.au/bized/](http://www.uow.edu.au/bized/)

## Graduate Diploma in Business Administration

Testamur Title of Degree:	Graduate Diploma in Business Administration
Abbreviation:	GDipBA
Home Faculty:	Commerce
Duration:	1 year full time or part time equivalent
Total Credit Points:	48
Standard Course Fee:	\$15,000 (local); \$18,400 (international)
Location:	Wollongong, Sydney Business School
Starting Session(s):	Intake A, B, C, D
Delivery Mode:	Face to Face
UOW Course Code:	1503, F1503, S1503
CRICOS Code:	029140E

### Overview

The Graduate Diploma in Business Administration is available for students who wish to undertake a Business Administration program of shorter duration. The Graduate Diploma program is aimed at providing practicing managers with core management competencies and skills. With a strategic focus, the course equips modern managers with conceptual tools and analytical and evaluation techniques.

### Entry Requirements / Assumed Knowledge

Applicants must have completed a relevant professional qualification (minimum 2 years full time study) along with at least 3 years relevant work experience.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

### Advanced Standing

Candidates that have completed a Graduate Certificate in Business Administration may apply to enrol in the Graduate Diploma in Business Administration. These candidates will be required to complete additional subjects according to specified enrolment patterns. Candidates should consult the MBA Program Co-ordinator for further information.

### Course Requirements

Candidates are required to complete eight subjects (48 cps) according to the sequence of study listed below.



## Course Program

Subjects	Credit Points
TBS901 Accounting for Managers	6
TBS903 Managing People in Organisations	6
TBS904 Marketing Management	6
TBS905 Economic Analysis of Business	6
TBS906 Information Systems for Managers	6
TBS907# Financial Strategy	6
TBS920* International Business	6
TBS921* Strategic Decision Making	6

# TBS901 is a pre-requisite for this subject.

\* These capstone subjects are to be undertaken after all other subjects have been completed.

## Graduate Certificate in Business Administration

Testamur Title of Degree:	Graduate Certificate in Business Administration
Abbreviation:	GCertBA
Home Faculty:	Commerce
Duration:	6 months full time or part time equivalent
Total Credit Points:	24 cps
Standard Course Fee:	\$7,500 (local); \$9,200 (international)
Location:	Wollongong, Sydney Business School
Delivery Mode:	Face to Face
Starting Session(s):	Intake A, B, C, D
UOW Course Code:	1126, S1126, F1126,
CRICOS Code:	027471B

### Overview

The Graduate Certificate in Business Administration is available for students who wish to complete an introductory study of the concepts of management. This program is aimed at providing practicing managers with basic management competencies and skills including analytical and evaluation techniques.

### Entry Requirements / Assumed Knowledge

Applicants must have completed a relevant professional qualification (minimum 2 years full time study) along with at least 3 years relevant work experience.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

### Course Requirements

Candidates are required to complete four subjects (24 cps) according to the sequence of study listed below.

## Course Program

Subjects	Credit Points
TBS901 Accounting for Managers	6
TBS903 Managing People in Organisations	6
TBS904 Marketing Management	6
TBS905 Economic Analysis of Business	6

## Graduate Certificate in Business

Testamur Title of Degree:	Graduate Certificate in Business
Abbreviation:	GCertBus
Home Faculty:	Commerce
Duration:	12 months part time study
Standard Course Fee:	No charge for University of Wollongong Doctor of Philosophy HECS exempt Students
Total Credit Points:	24 cps
Location:	Wollongong
Delivery Mode:	Face to Face
Starting Session(s):	Intake A, B, C, D
UOW Course Code:	1138
CRICOS Code:	N/A

### Overview

The Graduate Certificate in Business is specifically designed for University of Wollongong PhD students. In today's environment of intense competition, the aim of this program is to provide students with an introduction to business, management and professional skills and knowledge that will give PhD graduates a competitive edge.

### Entry Requirements / Assumed Knowledge

Candidates must be currently enrolled in a Doctor of Philosophy at the University of Wollongong.

### Course Requirements

Candidates are required to complete four subjects (24 cps) to meet the degree requirements. Two compulsory subjects are to be completed along with two elective subjects that are to be selected in consultation with the Program Co-ordinator from the list of electives below.

### Course Program

Core Subjects	Credit Points
TBS901 Accounting for Managers	6
TBS903 Managing People in Organisations	6
<b>Electives</b>	
<b>Engineering</b>	
CAPS904 Social Program Evaluation and Planning	6
ENGG951 Engineering Project Management	6
<b>Information Technology Systems</b>	
TBS906 Information Systems for Managers	6
BUSS907 Fundamentals of E-Business	6
<b>Law</b>	
LAW960 Legal Studies for Professionals	6
<b>Ethics</b>	
PHIL935 Applied Ethics	6
<b>Tertiary Teaching</b>	
EDGA997 Introduction to Tertiary Teaching	6
<b>Innovation and Entrepreneurship</b>	
ENGG950 Innovation and Design	6
TBS929/ MGMT933 Management of Process Innovation	6
MGMT940 Innovation and Entrepreneurship	6
MGMT941 Small Business Management	6
CAPS907 Managing the Production and Diffusion of Knowledge	6
ECON915 Electronic Commerce and the Economics of Information	6
<b>Marketing</b>	
TBS904 Marketing Management	6
<b>Statistics</b>	
STAT903 Survey Design and Analysis	6

## Graduate Certificate in Logistics

Testamur Title of Degree:	Graduate Certificate in Logistics	
Abbreviation:	GCertLog	
Home Faculty:	Commerce	
Duration:	6 months full time or part time equivalent	
Standard Course Fee:	\$6,000 (local); \$8,400 (international)	
Minimum Total Credit Points:	24 cps	
Location:	Wollongong	Sydney Business School
Delivery Mode:	Face to Face	
Starting Session(s):	Intake A, B, C, D	
UOW Course Code:	1142, F1142	S1142
CRICOS Code:	042560J	

### Overview

The Graduate Certificate in Logistics provides candidates the opportunity to complete an introductory study to the concepts of logistics and operations management. This course is designed for professionals and managers working within the logistics and operations management area, providing students with a foundation of skills required to manage the flow of materials and information within and between organisations.

### Entry Requirements / Assumed Knowledge

Applicants must have a professional qualification from a related discipline (minimum duration of 2 years full time study) along with a minimum of 2 years relevant work experience.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

### Course Requirements – *This Course Structure is subject to approval by the University's Academic Senate*

Candidates are required to complete four subjects of the six core subjects (24 cps) listed below:

### Course Program

Subjects	Credit Points
TBS901 Accounting for Managers	6
TBS912 Quantitative Methods for Decision Making	6
TBS908 Supply Chain Management	6
TBS930 Operations Management	6
TBS928 Transport Logistics Management	6
TBS918* Strategic Supply Chain Management	6

\* TBS908 is a pre-requisite for TBS918.

### Other Information

For further information regarding courses offered at the Graduate School of Business and Professional Development and contact details visit our website at [www.uow.edu.au/bized/](http://www.uow.edu.au/bized/)

## Graduate Certificate in International Business

Testamur Title of Degree:	Graduate Certificate in International Business	
Abbreviation:	GCertIB	
Home Faculty:	Commerce	
Duration:	6 months full time or part time equivalent	
Standard Course Fee:	\$6,000 (local); \$8,400 (international)	
Total Credit Points:	24 cps	
Location:	Wollongong	Sydney Business School
Delivery Mode:	Face to Face	
Starting Session(s):	Intake A, B, C, D	
UOW Course Code:	1141, F1141	S1141

### Overview

The Graduate Certificate in International Business provides candidates with the opportunity to complete an introductory study of global business and management issues. This course has an international business strategy focus.

## Entry Requirements / Assumed Knowledge

Applicants must have a professional qualification from a related discipline (minimum duration of 2 years full time study) along with a minimum of 2 years relevant work experience.

Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

## Course Requirements

The Graduate Certificate comprises of four subjects from the Master of International Business, to be approved by the MIB Program Coordinator.

## Graduate Certificate in Management

Testamur Title of Degree:	Graduate Certificate in Management		
Abbreviation:	GCertMgmt		
Home Faculty:	Commerce		
Duration:	12 months part time		
Standard Course Fee:	\$6,000 or \$8,400 for international students		
Total Credit Points:	24 cps		
Location:	Wollongong	Sydney Business School	Shoalhaven
Delivery Mode:	Face to Face		
Starting Session(s):	Intake A, B, C, D		
UOW Course Code:	692		
CRICOS Code:	027471B		

## Overview

The Graduate Certificate in Management is designed to provide a meaningful introductory study to the concepts of management and management practice. This management development program can be tailored to a particular industry and typically the contents and program structure is agreed in consultation with the employer.

## Entry Requirements / Assumed Knowledge

Applicants must have completed a relevant professional qualification (minimum 2 years full time study) along with at least two years relevant work experience. Applicants must also meet the University's English Language requirements (refer to the University's website at [www.uow.edu.au/discover/international/](http://www.uow.edu.au/discover/international/) for details).

## Course Requirements

Candidates must complete four subjects (24 cps) in consultation with the program co-ordinator. Choice of subjects is as listed for the Master of Management or as approved by the course co-ordinator.

## Other Information

For further information regarding courses offered at the Graduate School of Business and Professional Development and contact details visit our website at [www.uow.edu.au/bized/](http://www.uow.edu.au/bized/)

# Faculty of Creative Arts

## Member Units

### School of Journalism and Creative Writing

Journalism

Creative Writing

### School of Music and Drama

Performance (Music and Theatre)

Sound – Composition and Production

### School of Art and Design

Visual Arts

Graphic Design and New Media

## Courses Offered

### Research

Doctor of Philosophy

Doctor of Creative Arts

Master of Arts – Research

Master of Arts - Research (Journalism)

Master of Creative Arts – Research

### Coursework

Master of Creative Arts

Master of Journalism

Graduate Certificate in Multicultural Journalism

## Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Faculty of Creative Arts
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	48 per annum
Delivery Mode:	Supervised individual research/creative project
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); \$7900 per FT session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	028401G

### Overview

The Doctor of Philosophy is for those individuals with a track record of high-level professional practice who wish to extend their practice within a scholarly context.

The Doctor of Philosophy is based on submission of a thesis in a scholarly field or a combination of scholarly thesis and creative work presentation. Whilst the Doctor of Creative Arts is intended for artist practitioners of substantial skill and experience, the Doctor of Philosophy is intended for scholars or artist-scholars who have a solid academic and/or artistic background and who wish to develop either or both fields to a doctoral level. Such candidates may not yet have had substantial artistic experience, but should demonstrate high levels of promise and an appropriate standard of preparation.

It may be possible for individuals with appropriate expertise to undertake studies that involve more than one discipline area. Interested applicants should contact the Faculty's Professional Officer.

### Entry Requirements / Assumed Knowledge

Applicants should have an Honours Bachelor degree of at least four years duration in an appropriate discipline at Class II, Division 1 or higher, or equivalent qualifications. Applicants wishing to apply for a combination of thesis and creative work should demonstrate that both their academic and artistic backgrounds equate with the above minimum standard. In certain circumstances students may be required to commence their enrolment in the Master of Arts – Research and seek transfer to the Doctor of Philosophy (PhD) when they achieve a suitable standard.

It is important that applicants submit adequate material to demonstrate the quality and standing of their work.

### Course Requirements

Students enrol in THES924 (Thesis full-time) or THES912 (Thesis part-time).

Submission will be in the form of:

- scholarly thesis (100%); or
- scholarly thesis (50%) combined with creative work (50%).

The thesis will be in the range of 60,000 to 90,000 words, with an equivalent workload where submission is by thesis and creative work. The exact nature of each submission will vary according to the student's educational and professional background and will be negotiated in consultation with the supervisor(s) and the Head of Postgraduate Studies

### Major Study Areas

#### Creative Writing

Poetry  
Prose Fiction  
Script Writing

#### Graphic Design and New Media

Graphic Design  
Web Design  
Interactive Multimedia  
Digital Imaging  
Graphic Design and New Media Theory

#### Music

Composition  
Musicology and Analysis  
Performance

**Theatre**

Performance  
Production  
Dramaturgy and Theatre Studies

**Visual Arts**

2D and 3D Studio Practice [Printmaking, Textiles, Painting and Sculpture]  
Contemporary Visual Arts Theory  
Curatorial Theory and Practise

**Doctor of Philosophy (Journalism)**

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Faculty of Creative Arts
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	48 per annum
Delivery Mode:	Supervised individual research
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); \$7900 per FT session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	028401G

**Overview**

The Doctor of Philosophy (in Journalism) is for those individuals with a track record of high level professional practice who wish to extend their practice within a scholarly context.

It is based on submission of a thesis in a scholarly field and is intended for professional journalists keen on acquiring a tertiary qualification or researching news media industry practice, new communication technology or organisational structure.

**Entry Requirements / Assumed Knowledge**

Applicants should have a relevant first degree with Honours Class II, Division 1 or higher, or a Masters program either in Journalism or in a related area, or possess equivalent qualifications. Graduates in other disciplines at Masters level may also be considered if they can provide evidence of research interests in specialist areas relevant to journalism theory and practice.

Applicants must submit a one page statement detailing their research history and a comprehensive proposal of between 3,500 and 5,000 words. Applicants will be assessed on the relevance of the proposal to the major study/research areas of the Graduate Program in Journalism. Other topics will be considered against the research expertise available in the Faculty. Guidelines for submitting the research proposal are at: <http://www.uow.edu.au/crearts/journalism/resproguide.html>

In certain circumstances students may be required to commence their enrolment in the Master of Arts – Research (Journalism) and seek transfer to the Doctor of Philosophy (PhD) when they achieve a suitable standard.

**Course Requirements**

Student enrol in THES924 (Thesis full-time) or THES912 (Thesis part-time). This subject requires the submission of a scholarly thesis in the range of 80,000 to 100,000 words. The exact nature of each submission will vary according to the student's educational and professional background and will be negotiated in consultation with the supervisor(s) and the Head of Postgraduate Studies

**Major Study Areas**

Community journalism  
Journalism and new communication technologies  
Comparative media studies  
Documentary journalism  
Journalism training and education  
Journalism in multicultural contexts  
Media in developing countries  
Broadcast and cinema documentary film  
Interactive digital media.

## Doctor of Creative Arts

Testamur Title of Degree:	Doctor of Creative Arts
Abbreviation:	DCA
Home Faculty:	Faculty of Creative Arts
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	48 per annum
Delivery Mode:	Supervised individual research/creative project
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); \$7900 per FT session (international)
Location:	Wollongong
UOW Course Code:	202
CRICOS Code:	001248A

### Overview

The Doctor of Creative Arts is for those individuals with a track record of high level professional practice who wish to extend their practice within a scholarly context.

The Doctor of Creative Arts (DCA) is based on presentation of creative work and supported by written documentation of the work. Assessment is by two external examiners.

It may be possible for individuals with appropriate expertise to undertake studies which involve more than one discipline area. Interested applicants should contact the Faculty's Professional Officer.

### Entry Requirements / Assumed Knowledge

Applicants must possess an Honours Bachelor degree of at least four years duration in an appropriate discipline at Class II, Division 1 or higher (or its equivalent) and be able to demonstrate evidence of high artistic attainment. Examples of high artistic attainment include publication or professional dissemination of work; grants, fellowships and prizes; critical acclaim; a track record of sustained high level professional activity; and various indicators relevant to the specific discipline.

As a guide, students completing the MCA will need to achieve at or near a high distinction average to be considered for entry to the DCA. Likewise, students who have completed coursework Masters programs at other universities should be aware that such qualifications may not be regarded as adequate preparation for immediate entry to the DCA program.

In certain circumstances, students may be required to commence their enrolment in the Master of Arts – Research or Master of Creative Arts – Research, and seek transfer to the DCA, when and if they achieve the required standard.

Outstanding arts practitioners without the required formal qualifications may be allowed to enrol in the DCA provided they can demonstrate a sustained period of artistic activity at the highest level.

It is important that applicants submit adequate material to demonstrate the quality and standing of their work.

### Course Requirements

The submission of the DCA will normally be by exhibition, performance or publication of creative work in the area of major, supported by written documentation (approximately 20,000 to 30,000 words) focusing on aspects such as origins of the work, structures and techniques used, and artistic theories underpinning the work. It may be appropriate to support written material with documentation in other forms, for example, photographs or sound and video recordings. Students enrol in THES924 (Thesis full-time) or THES912 (Thesis part-time).

### Major Study Areas

Refer to listing under Doctor of Philosophy entry.



## Master of Arts - Research

Testamur Title of Degree:	Master of Arts - Research
Abbreviation:	MA-Res
Home Faculty:	Faculty of Creative Arts
Duration:	1.5 years full-time or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Supervised individual research/creative project
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); \$7500 per FT session (international)
Location:	Wollongong
UOW Course Code:	1301
CRICOS Code:	042539F

### Overview

The Master of Arts – Research is a course for high-level practitioners who wish to extend their practice within a scholarly context

The Master of Arts – Research is a program that consists of one 24 credit point coursework subject and a thesis in a scholarly field (or a combination of thesis and original creative work). In some cases, it may be possible to transfer to a doctoral program (DCA or PhD) after a suitable period of study (normally at least the equivalent of nine months of full-time enrolment).

It may be possible for individuals with appropriate expertise to undertake studies which involve more than one discipline area. Interested applicants should contact the Faculty's Professional Officer.

### Entry Requirements / Assumed Knowledge

Applicants with an Honours Bachelor degree in an appropriate discipline at Class II, Division 1 or higher, or its equivalent, may be granted advanced standing for CREA921 (Research Topics in Creative Arts) and be admitted directly into the Thesis subject.

Applicants without appropriate qualifications may be admitted to the course by undertaking CREA921 (Research Topics in Creative Arts) or ARTS901 (Masters of Arts Research Methods) and, on successful completion at credit level or better, may be permitted to proceed into the Thesis.

### Advanced Standing

Applicants with an Honours Bachelor degree in an appropriate discipline at Class II, Division 1 or higher, or its equivalent, may be granted advanced standing for CREA921 (Research Topics in Creative Arts).

### Course Requirements

Students are required to complete 72 credit points of 900 level subjects consisting of one 24 credit point coursework subject plus a 48 credit point thesis.

### Course Program

Subjects	Session	Credit Points
CREA921 Research Topics in Creative Arts	Autumn or Spring	24
<i>or</i>		
ARTS901 Master of Arts Research Methods	Autumn or Spring	24
<i>and</i>		
THES924/ Thesis full-time/	Annual	48
THES912 Thesis part-time		24

### Major Study Areas

Refer to listing under Doctor of Philosophy entry.

## Master of Arts - Research (Journalism)

Testamur Title of Degree:	Master of Arts – Research
Abbreviation:	MA-Res
Home Faculty:	Faculty of Creative Arts
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Supervised individual research (face-to-face coursework may be required depending on entry level)
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); \$7500 per FT session (international)
Location:	Wollongong
UOW Course Code:	1301
CRICOS Code:	042553G

### Overview

The Master of Arts – Research (Journalism) program prepares students for entry to a doctoral program

It is intended for professional journalists keen on acquiring a tertiary qualification or researching news media industry practice, new communication technology or organisational structure.

### Entry Requirements/Assumed Knowledge

Applicants with an Honours Bachelor degree in an appropriate discipline at Class II, Division 1 or higher, or equivalent qualifications, may be granted advanced standing and admitted directly into the Thesis.

Applicants without appropriate qualifications may be admitted to the course by undertaking JOUR992 (Research Topics in Journalism) or ARTS901 (Master of Arts Research) Methods and, on satisfactory completion may be permitted to proceed directly into the Thesis.

In some cases it may be possible to transfer to a PhD after a suitable period of study (normally at least the equivalent of nine months of full-time enrolment).

Applicants must submit a one-page statement detailing their research history and a proposal of 2,500 words. Applicants will be assessed on the relevance of the proposal to the major study/research areas of the Graduate Program in Journalism. Other topics will be considered against the research expertise available in the Faculty.

Guidelines for submitting the research proposal are at: <http://www.uow.edu.au/crearts/journalism/respropguide.html>

### Advanced Standing

Applicants with an Honours Bachelor degree in an appropriate discipline at Class II, Division 1 or higher, or equivalent qualifications, may be granted advanced standing and admitted directly into the Thesis.

### Course Requirements

The Master of Arts – Research (Journalism) course requires completion of JOUR992 (Research Topics in Journalism) and the submission of a scholarly thesis of approximately 50,000 words.

### Course Program

Subjects		Session	Credit Points
JOUR992	Research Topics in Journalism	Spring	24
<i>or</i>			
ARTS901	Master of Arts Research Methods	Autumn	24
<i>and</i>			
JOUR999	Thesis	Annual	48

### Major Study Areas

See listing under Doctor of Philosophy (Journalism).

## Master of Creative Arts - Research

Testamur Title of Degree:	Master of Creative Arts - Research
Abbreviation:	MCA-Res
Home Faculty:	Faculty of Creative Arts
Duration:	1.5 years full-time or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Supervised individual research (face-to-face coursework may be required depending on entry level)
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); \$7500 per FT session (international)
Location:	Wollongong
UOW Course Code:	1302
CRICOS Code:	044409M

### Overview

The Master of Creative Arts – Research is a course for high level creative arts practitioners who wish to extend their practice within a scholarly context and whose work is at a standard beyond that required for the Pass Masters (MCA) but who do not possess the requirements for entry to the Doctoral program. It normally consists of two 12 credit point coursework subjects plus a major presentation. In some cases, it may be possible to transfer to the Doctor of Creative Arts after a suitable period of study (normally at least the equivalent of nine months of full-time enrolment).

It may be possible for individuals with appropriate expertise to undertake studies that involve more than one discipline area. Interested applicants should contact the Faculty's Professional Officer.

### Entry Requirements / Assumed Knowledge

Applicants should hold an appropriate Bachelor degree with Honours Class II, Division 1, or higher (or its equivalent) and be able to demonstrate evidence of strong artistic attainment/ potential. Examples of artistic attainment and potential include publication or professional dissemination of work; grants, fellowships and prizes; high level professional activity; and various indicators relevant to the specific discipline.

### Advanced Standing

Applicants who have completed other relevant qualifications deemed to be equivalent may be granted advanced standing for one or both of the 12 credit point coursework subjects.

### Course Requirements

Students are required to complete 72 credit points of 900 level subjects consisting of two 12 credit point coursework subjects plus a 48 credit point major presentation (thesis).

### Course Program

Subjects	Session	Credit Points
THES924/ Thesis full-time/	Annual	48
THES912 Thesis part-time		24
<b>Plus coursework subjects in area of specialisation:</b>		
<b>Creative Writing</b>		
WRIT910 Analysis of Texts	Autumn	12
WRIT911 Literary Composition	Spring	12
<b>Graphic Design and New Media</b>		
DESN910 Graphic Design and New Media Theory	Autumn	12
DESN911 Studies in Process and Analysis: Graphic Design and New Media	Spring	12
<b>Music Performance</b>		
MUS910 Music Analysis	Autumn	12
MUS912 Studies in Performance Technique	Spring	12
<b>Music Composition</b>		
MUS910 Music Analysis	Autumn	12
MUS915 Studies in Composition Technique	Spring	12
<b>Theatre</b>		
THEA910 Theatre Analysis	Autumn	12
THEA911 Advanced Techniques in Theatre	Spring	12

**Visual Arts**

VISA910	Visual Arts Theory	Autumn	12
VISA911	Studies in Process and Analysis: Visual Arts	Spring	12

**Major Study Areas**

Refer to listing under Doctor of Philosophy entry.

**Master of Creative Arts**

Testamur Title of Degree:	Master of Creative Arts
Abbreviation:	MCA
Home Faculty:	Faculty of Creative Arts
Duration:	1 year full-time or 1.5 to 2 years part-time
Total Credit Points:	48
Delivery Mode:	Mostly face-to-face plus supervised creative work
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS (local); \$7500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	564
CRICOS Code:	000290G

**Overview**

The Master of Creative Arts (MCA) is an intensive course focusing on the attainment of high level practical skills. It normally consists of two coursework subjects plus a major presentation.

Each student is allocated a supervisor/s responsible for the major presentation who advises on development of the creative work and its documentation.

It may be possible for individuals with appropriate expertise to undertake studies which involve more than one discipline area. Interested applicants should contact the Faculty's Professional Officer.

**Entry Requirements / Assumed Knowledge**

Normally applicants should hold a Bachelor degree from a recognised institution in an appropriate area of study. Students without adequate formal qualifications may be required to complete up to 48 credit points of additional study, incorporating relevant subjects; 48 credit points is the maximum number that can be completed in an academic year. Applicants should have professional experience in their chosen area of study.

**Course Requirements**

Students are required to complete 48 credit points of 900 level subjects consisting of two 12 credit point coursework subjects plus a 24 credit point major presentation.

**Course Program**

Subjects	Session	Credit Points
<b>Creative Writing</b>		
WRIT910 Analysis of Texts	Autumn	12
WRIT911 Literary Composition	Spring	12
WRIT913 Major Presentation - Writing	Annual	24
<b>Graphic Design and New Media</b>		
DESN910 Graphic Design and New Media Theory	Autumn	12
DESN911 Studies in Process and Analysis: Graphic Design and New Media	Spring	12
DESN913 Major Presentation - Graphic Design and New Media	Annual	24
<b>Music Performance</b>		
MUS910 Music Analysis	Autumn	12
MUS912 Studies in Performance Technique	Spring	12
MUS913 Major Presentation - Music Performance	Annual	24
<b>Music Composition</b>		
MUS910 Music Analysis	Autumn	12
MUS915 Studies in Composition Technique	Spring	12

MUS914	Major Presentation - Music Composition	Annual	24
<b>Theatre</b>			
THEA910	Theatre Analysis	Autumn	12
THEA911	Advanced Techniques in Theatre	Spring	12
THEA913	Major Presentation - Theatre	Annual	24
<b>Visual Arts</b>			
VISA910	Visual Arts Theory	Autumn	12
VISA911	Studies in Process and Analysis: Visual Arts	Spring	12
VISA913	Major Presentation - Visual Arts	Annual	24

## Master of Journalism

Testamur Title of Degree:	Master of Journalism
Abbreviation:	MJ
Home Faculty:	Faculty of Creative Arts
Duration:	1 year full time or part time equivalent
Total Credit Points:	48
Delivery Mode:	On Campus, Distance Mode and Off Shore (through Open University of Hong Kong)
Starting Session(s):	On Campus – Autumn only Distance Mode – Autumn and Spring Off Shore – Autumn and Spring
Standard Course Fee:	\$4500 (local); \$7500 AUD per FT session (international)
Location:	Wollongong, Distance and Hong Kong
UOW Course Code:	573, FP573, DE573, HK573
CRICOS Code:	026812E

### Overview

The Master of Journalism is a practical coursework program, designed to provide critical educational and vocational training in journalism. It assists students in adapting to structural and technological change and promotes critical evaluation of professional journalism processes through its teaching and research.

The educational foundation for the course is built on practical skills – orientated towards the philosophical, ethical, and critical aspects of the news media in the context of comparative journalistic realities.

The Graduate Program in Journalism formerly offered through the Graduate School of Journalism since its inception, is now offered through the School of Journalism and Creative Writing.

### Entry Requirements / Assumed Knowledge

A Bachelor degree (any discipline) or equivalent from a recognised institution with a credit average or higher. Qualified journalists are eligible for consideration on the basis of documented evidence of at least two years full-time experience.

Applicants with an undergraduate degree must provide certified academic transcripts and curriculum vitae (CV) outlining work history and/or academic study.

Applicants with experience in journalism or a media related industry must provide details of employment history (CV) and include letter(s) from employer(s) to verify details of employment.

Applicants must provide an 800 - word opinion article (refer to application form) or if application is on basis of industry experience then samples of work published in the print or electronic media are required.

All applicants must be able to provide documented proof of English language proficiency.

The University of Wollongong's English Language Requirements are outlined at:

<http://www.uow.edu.au/discover/international/ENGLISH/englishset.html>.

### Advanced Standing

Advanced standing may be granted for a particular subject(s) on the basis of previous education, training or professional experience. A letter detailing the request must be accompanied by verified copies of documents or other evidence to substantiate the request. Evidence may include academic transcripts, samples of published work, letters from employers verifying experience and length of service.

## Course Requirements

The program of study for the Master of Journalism must total 48 credit points. The four core subjects JOUR901, JOUR902, JOUR903 and JOUR933 must be completed successfully before commencing the requisite 24 credit points of electives unless the Program Coordinator determines otherwise. Exemption from core subjects may be granted by the Co-ordinator on the basis of documented professional experience.

With the approval of the Coordinator, students may take a maximum of three subjects from other postgraduate and undergraduate courses where it can be shown that this will assist in the development of specialist skills in journalism. Students may also complete a major project approved by the Coordinator, or an internship in a professional media organisation, or such field work as the Program Coordinator may prescribe.

Students using on-line WebCT will need to have access to a computer with a cross-platform capability and have a web browser and Acrobat Reader installed.

All students will be required to use email. Off-campus students will receive printed hard copy materials for subjects (on offer), and for some subjects, video materials will also be provided.

Students will need to discuss their proposed program with an academic adviser from the Graduate Program prior to enrolment.

## Course Program

Subjects	Session	Credit Points
<b>Compulsory</b>		
JOUR901 News & Feature Writing	Autumn: Wollongong, Distance, Hong Kong	6
JOUR902 Journalistic Method & Practice	Autumn: Wollongong, Distance, Hong Kong	6
JOUR903 Ethics, Law & Standards	Autumn: Wollongong, Distance Spring: Distance, Hong Kong	6
JOUR933 On Line & Research Journalism	Autumn: Wollongong, Distance, Hong Kong Spring: Distance	6
<b>Electives</b>		
JOUR905 Specialist Journalism 1 *	Autumn: Wollongong	6
JOUR906 Specialist Journalism 2 *	Spring: Wollongong, Distance	6
JOUR931 Broadcasting Journalism	Spring: Wollongong, Distance, Hong Kong	6
JOUR932 Television Journalism	Spring: Wollongong, Distance, Hong Kong	6
JOUR934 Print Production & Publication	Autumn: Distance, Hong Kong Spring: Wollongong, Distance	6
JOUR936 International Journalism	Spring: Wollongong, Distance, Hong Kong	6
JOUR942 Current Affairs Journalism *	Spring: Wollongong, Distance	6
JOUR943 Directed Readings in Journalism	Autumn: Wollongong, Distance Spring: Wollongong, Distance Summer: Wollongong	6
JOUR945 Advanced Journalism Project	Autumn: Wollongong, Distance Spring: Wollongong, Distance Summer: Wollongong	6
JOUR949 Multicultural Journalism	Autumn: Wollongong, Distance Spring: Wollongong, Distance	6
JOUR991 Major Journalism Project	Autumn: Wollongong, Distance Spring: Wollongong, Distance Summer: Wollongong	12
*On campus only. Note: Not all subjects are offered each session.		

## Other Information

Information about academic staff profiles, exhibitions, performances and Artists in Residence is available on the Faculty of Creative Arts website at: <http://www.uow.edu.au/crearts> and the Graduate Program in Journalism is at: <http://www.uow.edu.au/crearts/journalism/>

## Graduate Certificate in Multicultural Journalism

Testamur Title of Degree:	Graduate Certificate in Multicultural Journalism
Abbreviation:	Grad Cert in Multicultural Journalism
Home Faculty:	Faculty of Creative Arts
Duration:	6 months full time (1session) or part time equivalent*
Total Credit Points:	24 credit points
Delivery Mode:	On Campus and Distance Mode
Starting Session(s):	On Campus – Autumn only Distance Mode – Autumn and Spring
Standard Course Fee:	\$4500 (local); \$7500 AUD (international)
Location:	Wollongong and Distance
UOW Course Code:	1104, FP1104, DE1104
CRICOS Code:	035593C

\* Please note that this course is generally meant to be studied on a part time basis

### Overview

This course aims to: provide a path for journalists to attain higher academic qualifications; educate members of community organisations wanting to contribute to multicultural news services; and to provide a grounding in journalism for students who are not professional journalists, but plan to work in multicultural news media. The course introduces students to a cross-cultural context to news definition, production and presentation in the media.

### Entry Requirements / Assumed Knowledge

A Bachelor degree (any discipline) or equivalent from a recognised institution with a credit average or higher. Qualified journalists are eligible for consideration on the basis of documented evidence of at least two years full-time experience. In special circumstances, representatives of multicultural communities wanting to contribute to multicultural news media services may be admitted on the basis of other documented academic qualifications or relevant professional experience.

Applicants with an undergraduate degree must provide certified academic transcripts and curriculum vitae (CV) outlining work history and/or academic study.

Applicants with experience in journalism or a media related industry must provide details of employment history (CV) and include letter(s) from employer(s) to verify details of employment.

Applicants must provide an 800 - word opinion article (refer to application form) or if application is on basis of industry experience then samples of work published in the print or electronic media are required.

All applicants must be able to provide documented proof of English language proficiency. The University of Wollongong's English Language Requirements are outlined at: <http://www.uow.edu.au/discover/international/ENGLISH/englishset.html>

### Advanced Standing

Advanced standing may be granted on the basis of previous education, training or professional experience in either print, radio or television journalism only. A letter detailing the request must be accompanied by verified copies of documents or other evidence to substantiate the request. Evidence may include academic transcripts, samples of published work, letters from employers verifying experience and length of service.

### Course Requirements

The program of study for the Graduate Certificate in Multicultural Journalism must total 24 credit points. The course of study is best followed on a part time basis. Students wishing to study the course full time will need to obtain approval from the Program Coordinator.

Students using on-line WebCT will need to have access to a computer with a cross-platform capability and have a web browser and Acrobat Reader installed.

All students will be required to use email. Off-campus students will receive printed hard copy materials for subjects (on offer), and for some subjects, video materials will also be provided.

Students will discuss their proposed program with an academic adviser from the Graduate Program prior to enrolment.

## Course Program

Subjects	Session	Credit Points
<b>Compulsory:</b>		
JOUR903 Ethics, Law & Standards	Autumn: Wollongong, Distance Spring: Distance	6
JOUR933 On Line & Research Journalism	Autumn: Wollongong, Distance Spring: Distance	6
JOUR949 Multicultural Journalism	Autumn: Wollongong, Distance Spring: Wollongong, Distance	6
<b>Electives: one of the following four subjects:</b>		
JOUR901 News & Feature Writing	Autumn: Wollongong, Distance	6
JOUR931 Broadcasting Journalism	Spring: Wollongong, Distance	6
JOUR932 Television Journalism	Spring: Wollongong, Distance	6
JOUR936 International Journalism	Spring: Wollongong, Distance	6
<i>Note: Not all subjects are offered each session.</i>		

## Other Information

Information about academic staff profiles, exhibitions, performances and Artists in Residence is available on the Faculty of Creative Arts website at: <http://www.uow.edu.au/crearts> and the Graduate Program in Journalism is at: <http://www.uow.edu.au/crearts/journalism/>



# Faculty of Education

## Research Units

Centre for Education Leadership

Centre for Equity Research in Education

Centre for Language Education

Educational Media Lab

Digital Media Centre

Research Centre for Interactive Learning Environments

## Courses Offered

### Research Degrees

Doctor of Philosophy

Master of Arts - Research

Master of Education - Research

### Coursework Degrees

Doctor of Education

Master of Arts

Master of Education

Master of Education (Physical and Health Education)

Graduate Diploma in Adult Education and Training

Graduate Diploma in Education

Graduate Diploma in TESOL

Graduate Certificate in Adult Career Development

Graduate Certificate in Computer Based Learning

Graduate Certificate in Educational Leadership

Graduate Certificate in Gifted Education

Graduate Certificate in Higher Education

Graduate Certificate in Literacy

Graduate Certificate in Outdoor Education

Graduate Certificate in Special Education

## Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Education
Duration:	3 years full time
Starting Session(s):	Autumn, Spring
Standard Course Fee:	HECS exempt (local); \$8,350 AUD per FT session (international)
UOW Course Code:	201
CRICOS Code:	001246C

### Overview

The Doctor of Philosophy provides the opportunity to pursue in-depth research in a range of areas. There are two Research Groups associated with the Faculty of Education: Centre for Research into Interactive Learning Environments (RILE) and the Centre for Equity Research in Education (CERE). Postgraduate research students are encouraged to undertake postgraduate study associated with the research agendas of these Centres. In addition, supervision is also available in a number of areas of strength, including: Educational Leadership, Curriculum Change and Evaluation, Physical and Health Education, Outdoor Education, Early Childhood Education, Special Education (including Talented and Gifted Education), Teacher Professional Development, Literacy and Teaching English to Speakers of Other Languages (TESOL).

### Entry Requirements

Entry to this degree is available to candidates who meet the University entry requirements for Doctor of Philosophy (PhD) candidature. In the first instance this requires the completion of a Bachelors degree with Honours Class II or higher in an appropriate area, or an equivalent qualification with an appropriate research component.

### Course Requirements

Candidates for this degree enrol in a Doctoral Thesis (THES912/924). Interested candidates should contact the Associate Dean (Research) to discuss their area of research and supervision. All new students enrolling in a research degree are expected to prepare and defend a research proposal early in their candidature and to become involved in activities such as student colloquia. See subject descriptions for further information.

## Doctor of Education

Testamur Title of Degree:	Doctor of Education
Abbreviation:	DEd
Home Faculty:	Education
Duration:	3 years full time
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn, Spring
Standard Course Fee:	HECS exempt (local); \$6,900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	205
CRICOS Code:	016127J

### Overview

The Doctorate of Education (DEd) is a program to prepare professional leaders in Education. It is a doctoral level program completed by a combination of coursework and thesis, offered in 2004 in the areas of:

- Adult Education and Training
- Educational Leadership
- Information Technology in Education and Training
- Literacy Education
- Physical and Health Education
- Special Education (including Gifted Education)
- Teaching English to Speakers of Other Languages (TESOL, including TEFL)

### Entry Requirements

Entry to this degree is available to candidates who:

1. meet the University entry requirements for Doctoral candidature. Normally this would be an appropriate Masters degree, completed at credit (65%) level or better or the completion of a Bachelors degree with Honours Class II or higher in an appropriate area, or an equivalent qualification, and
2. have completed a minimum of three years of relevant professional experience.

## Advanced Standing

Advanced standing of up to 12 credit points may be granted for previous graduate study at MEd level. Candidates who have pursued study beyond a pass Master degree should discuss their request for Advanced Standing with the Associate Dean (Research).

## Course Requirements

1. The program for the degree will require successful completion of:
  - i) at least 48 credit points of subjects including:
    - a) at least 24 credit points selected from subjects in the Faculty's graduate schedule, which will provide specific preparation for the thesis component of the degree;
    - b) EDGZ922 Conducting Research and Inquiry and at least one of the 2 credit point research modules prior to commencement of the thesis component of the program. If there is satisfactory evidence that any of these subjects or its equivalent has already been completed in previous study, the student will undertake another subject of his/her choice from the Faculty of Education subjects or other approved 900-level Graduate subjects to complete his/her Doctoral program;
    - c) EDGZ924 Research Proposal, to be successfully completed before commencement of the thesis component; and
    - d) balance of credit points to be chosen from any of the Faculty of Education subjects or from any 900-level Graduate subjects in the University, provided that prior approval has been obtained from the Associate Dean (Research) and the Head of the relevant School or Department.
  - ii) And a supervised thesis (THES912/924), to be examined externally. This thesis will contribute to two thirds of the total assessment for this award.
2. Each candidate will be required to select a program of study in consultation with their supervisor(s) and the Associate Dean (Research) to ensure that subjects chosen do not duplicate previous graduate work and form a coherent pattern of study.
3. Candidates will be required to pass all coursework subjects at the first attempt. The coursework component of the program must be completed with an average grade at not less than Credit (65%) level. Students who do not meet this requirement will have their doctoral candidature terminated, and may enrol in an appropriate Masters program.

## Course Program

Subjects	Credit Points
THES912/924	
Plus subjects chosen from the lists below totalling 24 cp	
<b>Adult Education &amp; Training</b>	
EDGH911 Instructional Design for Adult Learning*	6
EDGH912 Project in Instructional Design for Adult Learning	2
EDGH921 Evaluation and Assessment for Adult Learning	6
EDGH922 Project in Evaluation and Assessment for Adult Learning	2
EDGH923 Adult Learning Strategies and Communication	6
EDGH924 Project in Adult Learning Strategies and Communication	2
EDGH931 Psychology of Adult Learning	6
EDGH932 Project for Psychology of Adult Learning	2
EDGH933 Management and Organisational Context of Learning	6
EDGH934 Project in Management and Organisational Context of Learning	2
EDGH935 Issues in Adult Education	6
EDGH936 Project in Issues in Adult Education	2
EDGH940 Adult Career Development	6
EDGH942 Adult Career Development and the Organisation	6
EDGH944 Adult Career Development with Clients	6
EDGH946 Practicum or Project in Adult Career Development	6
<i>* Compulsory subject for students wishing to complete an Adult Education and Training major.</i>	
<b>Educational Leadership</b>	
EDGL901 Foundations of Educational Leadership*	6
EDGL902 Project in Foundations of Educational Leadership	2
EDGL903 Introduction to Educational Management*	6
EDGL904 Project in Introduction to Educational Management	2
EDGL905 International Trends in Educational Leadership	6
EDGL906 Project in International Trends in Educational Leadership	2
EDGL907 Leadership For Organisational Effectiveness	6
EDGL908 Project in Leadership For Organisational Effectiveness	2
EDGL909 Leadership of Effective Change	6
EDGL910 Project in Leadership of Effective Change	2
EDGL911 Leadership of Curriculum and Instruction*	6
EDGL912 Project in Leadership of Curriculum and Instruction	2
EDGL915 Information Systems and Educational Leadership	6
EDGL916 Project in Information Systems and Educational Leadership	2
EDGL917 Quality Learning and Teaching	6
EDGL918 Project in Quality Learning and Teaching	2

## Course Information

EDGL920	Developing & Managing People*	6
EDGL921	Project in Developing & Managing People	2
<i>* Compulsory subjects for students wishing to complete a major study in Educational Leadership</i>		

### Information Technology & Training

EDGI911	Information Technology in education and training*	6
EDGI912	Project for EDGI911	2
EDGI913	Instructional strategies and authoring*	6
EDGI914	Project for EDGI913	2
EDGI915	Network-Based Learning	6
EDGI916	Project for EDGI915	2
EDGI931	Interactive Multimedia Design	6
EDGI932	Project for EDGI931	2
EDGI933	Implementation and evaluation of technology-based learning	6
EDGI934	Project for EDGI933	2
EDGI951	Visual and Interface Design	6
EDGI952	Project for EDGI951	2
EDGI957	Digital Learning Systems Design	6
EDGI958	Project for EDGI957	2

*\* Compulsory subjects for students wishing to complete a major in Information Technology in Education and Training.*

*Recommended elective subjects include:*

EDGH911	Instructional Design for Adult Learning	6
EDGH931	Psychology of Adult Learning	6

### Literacy

EDGA959	Adult Literacy	8
EDGA971	Assessment and evaluation of language and literacy	8
EDGA987	Children's literature	8
EDGR911	Teaching Reading*	8
EDGR912	Teaching Writing*	8

*\* Compulsory subjects for students wishing to complete a major in Literacy.*

*Recommended elective subjects include:*

EDGS918	Approaches to Reading Difficulties: Theories and Strategies	6
EDGL901	Foundations of Educational Leadership	6
EDGT976	Text and Context	6

### Physical & Health Education

EDGA920	Curriculum Problems and Issues in Physical and Health Education	8
EDGA924	Adolescent Health Status and Behaviour	8
EDGP910	Theory and Practice of Outdoor Education	6
EDGP911	Project for EDGP910	2
EDGP912	Facilitation Techniques in Outdoor Education	6
EDGP913	Project for EDGP912	2
EDGP930	Theoretical and Practical Bases of Coach Education	6
EDGP931	Project for EDGP930	2
EDGP934	Cultural politics of sport, leisure and physical education	6
EDGP935	Leadership and Management in Physical Education, Sport and Recreation	6
EDGP990	Practicum in a Learning Environment	6
EDGP991	Project for EDGP990	2

*Students may also enrol in the following subjects which are offered online by Charles Sturt University:*

EHR501	Contemporary Issues in Sport Science	6
EHR500	Modern Health and Health Promotion	6
EHR502	Modern Living, Leisure and the Life Cycle	6

### Special Education

EDGS910	Learning Theories and Exceptionality*	6
EDGS911	Project in Exceptional Education Practices	2
EDGS912	Contemporary Perspectives in the Education of Children with Diverse Needs	6
EDGS913	Project in Contemporary Perspectives	2
EDGS914	Assessment and Instruction of Students with Learning Difficulties	6
EDGS915	Programs for Students with Learning Difficulties	2
EDGS916	Models of Behaviour Management	6
EDGS917	Programming for Behaviour Management	2
EDGS918	Approaches to Reading Difficulties: Theories and Strategies	6
EDGS919	Reading Difficulties: Program Design and Implementation	2
EDGS920	Language and Communication Difficulties: Theory and Practice	6
EDGS921	Language-Related Learning Difficulties: A Case Study	2
EDGS922	Teaching Gifted Children	6
EDGS923	Project in Gifted Education	2
EDGS924	Giftedness in Special Populations	6
EDGS925	Project in Dual Exceptionality	2

*\* Compulsory subject for major in Special Education*

*Recommended elective subjects include:*

EDGL909	Leadership of Effective Change	8
EDGA917	International and Intercultural Perspectives	8
EDGL901	Foundations of Educational leadership	6

#### Teaching English to Speakers of Other Languages (TESOL)

EDGT917	English Language: Learners' Problems	6
EDGT940	Materials and Technology	6
EDGT976	Text and Context	6
EDGT983	Assessment in TESOL	6
EDGT984	Theories of Second Language Learning*	6
EDGT985	English in Specific Contexts	6
EDGT920	Practicum II	2
EDGT921	Teaching Reading to Second Language Learners	2
EDGT922	The English Sound System	2
EDGT923	Teaching Grammar and Vocabulary	2
EDGT924	Teaching Listening to Second Language Learners	2
EDGT925	Teaching Writing to Second Language Learners	2
EDGT926	Exploring Genres	2
EDGT927	Managing TESOL Programs	2
EDGT928	Teaching English in International Contexts	2
EDGT929	Teaching Speaking to Second Language Learners	2

\* *Compulsory subject for major in TESOL*

#### Plus

#### Research Methodology & Project Subjects (as required)

EDGZ903	Minor Project in Education	8
EDGZ912	Special Research Topic	8
EDGZ925	Advanced Seminar	8
EDGZ926	Professional Project	12
EDGZ922	Conducting Research and Inquiry*	6
EDGZ924	Research Proposal*	6
EDGZ951	Poststructuralist/Postmodernist Research	2
EDGZ952	Interviews As Research Method	2
EDGZ953	Correlation Research	2
EDGZ954	Evaluation Research	2
EDGZ955	Developing Grounded Theory In Qualitative Research	2
EDGZ956	Research Methods In Language Education	2
EDGZ957	Feminist Research	2
EDGZ958	Discourse Analysis	2

\* *Compulsory subjects in DEd*

## Master of Arts (Research)

Testamur Title of Degree:	Master of Arts (Research)
Abbreviation:	MA-Research
Home Faculty:	Education
Duration:	2 years or part time equivalent
Total Credit Points:	72
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	HECS exempt (local); \$6,900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	301
CRICOS Code:	042938B

### Overview

The Master of Arts (Research) is a specialised research Degree for students who are not professionally qualified educators but who wish to pursue research careers in education.

### Entry Requirements

Entry is available to candidates with a Bachelors Honours degree; a Masters degree by coursework; a Bachelors degree by coursework (or equivalent) where a Distinction average has been maintained; a Bachelors degree by coursework including additional research experience deemed appropriate by the Faculty of Education.

## Course Requirements

The degree program will comprise up to 72 credit points of study, chosen as follows:

- i) research methodology subjects as required, chosen in consultation with supervisors;
- ii) research proposal (EDGZ924); and
- iii) a thesis embodying the results of an investigation to the value of 48 credit points (THES912/924).

## Course Program

Subjects		Credit Points
EDGZ921	Introduction to Research and Inquiry*	6
EDGZ922	Conducting Research and Inquiry*	6
EDGZ924	Research Proposal	6
THES912/924	Research Thesis	48

\*As required depending on prior research training and experience.

### Plus 6 credit points chosen from the following Research Methodology subjects:

EDGZ951	Poststructuralist/Postmodernist Research	2
EDGZ952	Interviews As Research Method	2
EDGZ953	Correlation Research	2
EDGZ954	Evaluation Research	2
EDGZ955	Developing Grounded Theory In Qualitative Research	2
EDGZ956	Research Methods In Language Education	2
EDGZ957	Feminist Research	2
EDGZ958	Discourse Analysis	2

## Master of Education - Research

Testamur Title of Degree:	Master of Education - Research
Abbreviation:	MEd-Research
Home Faculty:	Education
Duration:	2 years
Total Credit Points:	72
Delivery Mode:	Flexible, Distance
Starting Session(s):	Autumn, Spring
Standard Course Fee:	HECS exempt (local); \$6,900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1306, D1306
CRICOS Code:	042629D

## Overview

The Master of Education - Research is a specialised research degree for students who either wish to pursue research careers in education or whose future career will require them to interpret and apply the findings of educational research. This degree is intended for students who are professionally qualified educators.

## Entry Requirements

Entry is available to candidates with a Bachelors Honours degree with a major in Education; a Masters degree by coursework in Education; a Bachelors degree by coursework majoring in Education (or equivalent) where a Distinction average has been maintained; a Bachelors (degree) by coursework majoring in Education including additional research experience deemed appropriate by the Faculty of Education.

## Course Requirements

1. The degree program shall involve:
  - a) research methods subjects chosen in consultation with supervisor;
  - b) a research proposal (EDGZ924); and
  - c) a thesis embodying the results of an investigation to the value of 48 credit points (THES912/924).
2. A candidate may not include in this degree program any subject which the candidate has previously taken and had credited towards a qualification accepted for admission under Section 1 of these requirements.
3. The Faculty Education Research Committee shall appoint supervisors for each candidate.

## Course Program

Subjects		Credit Points
EDGZ921	Introduction to Research and Inquiry	6
EDGZ922	Conducting Research and Inquiry	6
EDGZ924	Research Proposal	6
THES912/924	Research Thesis	48

**Plus 6 credit points chosen from the following Research Methodology subjects:**

EDGZ951	Poststructuralist/Postmodernist Research	2
EDGZ952	Interviews As Research Method	2
EDGZ953	Correlation Research	2
EDGZ954	Evaluation Research	2
EDGZ955	Developing Grounded Theory In Qualitative Research	2
EDGZ956	Research Methods In Language Education	2
EDGZ957	Feminist Research	2
EDGZ958	Discourse Analysis	2

## Master of Arts

Testamur Title of Degree:	Master of Arts
Abbreviation:	MA
Home Faculty:	Education
Duration:	1 year or part time equivalent
Total Credit Points:	48
Delivery Mode:	On line
Starting Session(s):	Autumn
Standard Course Fee:	\$3,300 (local); \$6,900 per session (international)
Location:	Wollongong/Distance
UOW Course Code:	571
	HU571
CRICOS Code:	042531C

## Overview

The Master of Arts specialising in Information Technology and Training is aimed at those who wish to develop information and communication technology application for training and educational contexts. It is a professional development program which introduces the design process for multimedia and discusses issues such as how the Internet and other computer mediated learning can support learning. Other topics covered in the program include: the design of CD-Rom products, digital media projects, cognition and interface design, using websites and networks for learning and the evaluation of technology-based learning systems. It differs from the MEd program in that no formal educational background is required for entry.

## Entry requirements

Students should hold a recognised Bachelors degree and have access to a training or educational context in which to undertake course projects.

## Course requirements

Subjects are chosen from those listed in the Information Technology specialisation.

## Course Program

48cp of subjects, chosen from the IT specialisation, in consultation with the specialisation co-ordinator.

## Master of Education

Testamur Title of Degree:	Master of Education
Abbreviation:	MEd
Home Faculty:	Education
Duration:	1 year full time or part time equivalent
Total Credit Points:	48
Delivery Mode:	On Campus, Distance
Starting Session(s):	
Standard Course Fee:	HECS (local); \$3,600 (Distance); \$6,900 AUD per FT session (international)
Location:	Wollongong, Distance
UOW Course Code:	576, DE576
CRICOS Code:	000289M

### Overview

The Master of Education is an introductory higher degree for teachers and educators wishing to pursue advanced studies in their area of interest.

### Entry Requirements

The degree is subject to the University's rules for the award of the degree of Master together with the following guidelines:

1. To qualify for admission as a candidate for the Master of Education, a student must have qualified for a Bachelors degree of the University, or an equivalent qualification from an approved institution, with a major study in Education, eg. BA plus GDipEd, provided that the degree or equivalent qualification has a minimum study duration of four years. Other qualifications or substantial professional experience may be considered as meeting these requirements and should be discussed with the Director – Graduate Teaching. Candidates with a three-year qualification in Education completed at Distinction level may be considered for admission to the MEd program.
2. Candidates who do not meet this requirement may be considered for admission to an extended (72 credit point) MEd program.
3. A candidate may not include in this degree program any subject which the candidate has previously taken and had credited towards a qualification accepted for admission under Section 1 of these requirements.

### Course Requirements

1. The MEd program will normally comprise 48 credit points of study, chosen as follows.
  - a) EDGZ921 Introduction to Research and Inquiry (6 credit points); and
  - b) at least 24 credit points from a single Program (major study). The core of subjects to be covered to complete a major study will vary from Program to Program; and
  - c) up to 18 credit points of electives chosen from any Program. The amount of choice available will vary from program to program. Students wishing to proceed directly to MEd (Research) or Doctoral programs should include Advanced Research Methodology and project subjects in their Program, chosen in consultation with their Teaching Program coordinator.

Students should discuss their proposed course of study with the relevant Program Coordinator. Teaching accreditation may depend on subject choice.

2. A candidate may be eligible to include a major study area on the final degree testamur (eg MEd majoring in Information Technology or MEd majoring in Special Education). In order to qualify for a major to be recorded on the degree testamur, a candidate must complete at least 30 credit points from the chosen Program area. Joint majors will not be recorded.
3. Entry to Doctoral degrees (DEd or PhD) may be available to candidates who meet the University entry requirements for Doctoral candidature. Normally this would be an appropriate Masters degree, completed at credit (65%) level or better.

### Advanced Standing

The Faculty of Education may approve up to 8 credit points of Advanced Standing in the Master of Education to currently enrolled candidates who have completed other accredited professional development courses run by employing bodies. For further information contact the Faculty.

Major study requirements must still be met by the candidate, ie, normally this credit cannot be substituted for a compulsory subject within a program, or form part of a major study within a program. Candidates may claim a maximum of eight credit points of Advanced Standing on this basis in one program of study.



## Course Program

Subjects	Credit Points
<b>Adult Education &amp; Training</b>	
EDGH911	Instructional Design for Adult Learning*
EDGH912	Project in Instructional Design for Adult Learning
EDGH921	Evaluation and Assessment for Adult Learning*
EDGH922	Project in Evaluation and Assessment for Adult Learning
EDGH923	Adult Learning Strategies and Communication
EDGH924	Project in Adult Learning Strategies and Communication
EDGH931	Psychology of Adult Learning
EDGH932	Project for Psychology of Adult Learning
EDGH933	Management and Organisational Context of Learning
EDGH934	Project in Management and Organisational Context of Learning
EDGH935	Issues in Adult Education
EDGH936	Project in Issues in Adult Education
<i>* Compulsory subject for a major study in Adult Education and Training.</i>	
<b>Educational Leadership</b>	
EDGL901	Foundations of Educational Leadership*
EDGL902	Project in Foundations of Educational Leadership
EDGL903	Introduction to Educational Management*
EDGL904	Project in Introduction to Educational Management
EDGL905	International Trends in Educational Leadership
EDGL906	Project in International Trends in Educational Leadership
EDGL907	Leadership For Organisational Effectiveness
EDGL908	Project in Leadership For Organisational Effectiveness
EDGL909	Leadership of Effective Change
EDGL910	Project in Leadership of Effective Change
EDGL911	Leadership of Curriculum and Instruction*
EDGL912	Project in Leadership of Curriculum and Instruction
EDGL917	Quality Learning and Teaching
EDGL918	Project in Quality Learning and Teaching
EDGL920	Developing & Managing People*
EDGL921	Project in Developing & Managing People
<i>* Compulsory subjects for a major study in Educational Leadership</i>	
<b>Information Technology in Education &amp; Training</b>	
EDGI911	Information Technology in education and training*
EDGI912	Project for EDGI911
EDGI913	Instructional strategies and authoring*
EDGI914	Project for EDGI913
EDGI915	Network-Based Learning
EDGI916	Project for EDGI915
EDGI931	Interactive Multimedia Design
EDGI932	Project for EDGI931
EDGI933	Implementation and evaluation of technology-based learning
EDGI934	Project for EDGI933
EDGI951	Visual and Interface Design
EDGI952	Project for EDGI951
EDGI957	Digital Learning Systems Design
EDGI958	Project for EDGI957
<i>* Compulsory subjects for a major study in Information Technology in Education and Training.</i>	
EDGH911	Instructional Design for Adult Learning
EDGH931	Psychology of Adult Learning
<b>Literacy</b>	
EDGA959	Adult Literacy
EDGA971	Assessment and evaluation of language and literacy
EDGA987	Children's literature
EDGR911	Teaching Reading*
EDGR912	Teaching Writing*
<i>*Compulsory subjects for a major study in Literacy.</i>	
<b>Special Education</b>	
EDGS910	Learning Theories and Exceptionality*
EDGS911	Project in Exceptional Education Practices
EDGS912	Contemporary Perspectives in the Education of Children with Diverse Needs
EDGS913	Project in Contemporary Perspectives
EDGS914	Assessment and Instruction of Students with Learning Difficulties
EDGS915	Programs for Students with Learning Difficulties
EDGS916	Models of Behaviour Management
EDGS917	Programming for Behaviour Management
EDGS918	Approaches to Reading Difficulties: Theories and Strategies
EDGS919	Reading Difficulties: Program Design and Implementation

## Course Information

EDGS920	Language and Communication Difficulties: Theory and Practice	6
EDGS921	Language-Related Learning Difficulties: A Case Study	2
EDGS922	Teaching Gifted Children	6
EDGS923	Project in Gifted Education	2
EDGS924	Giftedness in Special Populations	6
EDGS925	Project in Dual Exceptionality	2

*\*Compulsory subject for major in Special Education*

### Teaching English to Speakers of Other Languages (TESOL)

EDGT917	English Language: Learners' Problems	6
EDGT940	Materials and Technology	6
EDGT976	Text and Context	6
EDGT983	Assessment in TESOL	6
EDGT984	Theories of Second Language Learning*	6
EDGT985	English in Specific Contexts	6
EDGT920	Practicum II	2
EDGT921	Teaching Reading to Second Language Learners	2
EDGT922	The English Sound System	2
EDGT923	Teaching Grammar and Vocabulary	2
EDGT924	Teaching Listening to Second Language Learners	2
EDGT925	Teaching Writing to Second Language Learners	2
EDGT926	Exploring Genres	2
EDGT927	Managing TESOL Programs	2
EDGT928	Teaching English in International Contexts	2
EDGT929	Teaching Speaking to Second Language Learners	2

*\* Compulsory subject for major in TESOL*

### Elective Subjects

These subjects do not form a major study, but may be available to students from any major area of study as elective subjects to complement the major area of study.

EDGA918	Environmental and Curriculum Perspectives	8
EDGA917	International and Intercultural Perspectives	8

### Research Methodology & Project Subjects

Subjects in this group do not constitute a separate area of major study, but provide the various methodology and project subjects which are required for completion of the MEd and higher degrees as explained above in the section Patterns of Study.

EDGZ903	Minor Project in Education	8
EDGZ912	Special Research Topic	8
EDGZ921	Introduction to Research and Inquiry*	6
EDGZ922	Conducting Research and Inquiry	6
EDGZ924	Research Proposal	6
EDGZ925	Advanced Seminar	8
EDGZ926	Professional Project	12
EDGZ922	Conducting Research and Inquiry*	6
EDGZ924	Research Proposal*	6
EDGZ951	Poststructuralist/Postmodernist Research	2
EDGZ952	Interviews As Research Method	2
EDGZ953	Correlation Research	2
EDGZ954	Evaluation Research	2
EDGZ955	Developing Grounded Theory In Qualitative Research	2
EDGZ956	Research Methods In Language Education	2
EDGZ957	Feminist Research	2
EDGZ958	Discourse Analysis	2

*\* Compulsory subject*

## Master of Education (Physical and Health Education)

Testamur Title of Degree:	Master of Education
Abbreviation:	MEd
Home Faculty:	Education
Duration:	1 year full time or part time equivalent
Total Credit Points:	48
Delivery Mode:	Online delivery - Distance
Starting Session(s):	
Standard Course Fee:	\$850 per subject, \$6,800; \$3,300 (Distance) ???
Location:	Distance
UOW Course Code:	1571
CRICOS Code:	

### Overview

The Master of Physical & Health Education is offered in conjunction with Charles Sturt University for practitioners in sport, recreation and physical and health education related fields, to upgrade their qualifications and stay abreast of developments in their fields.

### Entry Requirements

Students will have a four year undergraduate degree with a recognized teaching credential in Physical and Health Education. Special consideration may be given to students who have, for example, substantial experience in the field.

### Course Requirements

The degree consists of six core subjects (3 offered by the University of Wollongong and 3 offered by Charles Sturt University) plus two electives chosen from those offered in the specialisations of Educational Leadership, Physical and Health Education, Special Education, Information Technology or those offered by Charles Sturt University in Exercise Science, Journalism, Events Management and Tourism. This program is a fee paying program offered by distance. Students should discuss their proposed program of study with the Program Coordinator.

### Course Program

#### Core Subjects

##### *Offered by University of Wollongong:*

EDGZ921	Introduction to Research and Inquiry	6
EDGP934	Culture politics of sport, literature and physical education	6
EDGP935	Leadership and Management in Physical Education Sport and Recreation	6

##### *Offered by Charles Sturt University*

EHR501	Contemporary Issues in Sport Science	6
EHR500	Modern Health and Health Promotion	6
EHR502	Modern Living, Leisure and the Life Cycle	6

#### Elective Subjects

##### *Offered by University of Wollongong:*

EDGA924	Adolescent Health Status and Behaviour	8
EDGP910	Theory and Practice of Outdoor Education	6
EDGP911	Project for EDGP910	2
EDGP912	Facilitation Techniques in Outdoor Education	6
EDGP913	Project for EDGP912	2
EDGP930	Theoretical and Practical Bases of Coach Education	6
EDGP931	Project for EDGP930	2
EDGP990	Practicum in a Learning Environment	6
EDGP991	Project for EDGP990	2

## Graduate Diploma in Adult Education & Training

Testamur Title of Degree:	Graduate Diploma in Adult Education & Training
Abbreviation:	GDipAdultEdTrain
Home Faculty:	Education
Duration:	1 year or part time equivalent
Total Credit Points:	48
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local)
Location:	Wollongong
UOW Course Code:	659
CRICOS Code:	N/A

### Overview

The Graduate Diploma in Adult Education and Training is a coursework postgraduate Diploma designed to meet the specific educational development needs of a broad range of adult education practitioners. The course is designed to cover the generic professional skills for all those who work in the training and education of adults in a variety of settings - business, industry, community education, government and private organisations. Candidates will pursue studies in five major subject areas and demonstrate their skills and knowledge in a special project/practicum. The course is designed on the assumption that students undertaking the course will have already obtained their first professional qualification and that their current employment requires that they obtain professional qualifications in the training and development of adults. It may also serve as an alternative form of entry into the Master of Education, which requires a formal background in the discipline of Education.

### Advanced Standing

Candidates enrolled in the Graduate Diploma in Adult Education and Training who have completed the BHP in-house program in Curriculum and Instructional Design are eligible for 8 credit points of Advanced Standing specified as EDGA991 Instructional Design. Advanced standing for other professional development courses - such as the Certificate IV in Workplace Training - may also be available.

### Course Program

Subjects	Credit Points
Core subjects:	
EDGH911 Instructional Design for Adult Learning	6
EDGH921 Evaluation and Assessment for Adult Learning	6
EDGH923 Adult Learning strategies and communication	6
EDGA806 Practicum or Project	8
Plus subjects chosen from the following to complete 48 credit points:	
EDGH912 Project for Instructional design	2
EDGH922 Project for Evaluation and assessment	2
EDGH924 Project for Learning strategies and communication	2
EDGH931 Psychology of adult learning	6
EDGH932 Project for Psychology of adult learning	2
EDGH933 Management and organisational context of learning	6
EDGH934 Project for Management and organisational context of learning	2
EDGH935 Issues in Adult Education	6
EDGH936 Project for Issues in Adult Education	2

or other subjects selected in consultation with the Program Co-ordinator.

## Graduate Diploma in Education

Testamur Title of Degree:	Graduate Diploma in Education
Abbreviation:	GDipEd
Home Faculty:	Education
Duration:	1 year
Total Credit Points:	54
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	HECS (local); \$6,500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	621
CRICOS Code:	003376K

### Overview

The Graduate Diploma in Education provides a professional course of pre-service education for intending primary and secondary school teachers. It also serves as an introduction to the study of education for those who wish to pursue further studies in the field, for example, at Masters level. The structure of the program seeks to combine the practical and theoretical elements of teaching by engaging students in professional aspects, including Methods work and classroom practice, from the beginning of the course. Underpinning and integrated with the professional aspects are curriculum studies and the “foundation” disciplines of education. Each component is intended to contribute to the development of concepts and skills relating to an understanding of, and competence in, teaching. It is expected that prospective teachers will develop as autonomous professionals who will be competent, innovative, capable of contributing to the formulation of curriculum in schools and committed to their own continuous professional growth.

The course is for one year full-time, over an extended academic year of 36 teaching weeks from late February to late November and it is not possible to commence the course in the middle of the year. The GdipEd program involves lectures, seminars, tutorials, individual assignments, group exercises and nine weeks of full-time work in local schools. Methods work and practice teaching are provided in co-operation with local schools. Students are advised that the structure of the course makes it preferable that it be undertaken full-time.

### Entry Requirements

Entry is available to graduates of this or another approved university who seek teacher qualifications. It may be necessary to restrict enrolments. In such a case, selection to the course will be made on the basis of academic merit and suitability of the first degree to teaching requirements. Preference will be given to graduates of the University of Wollongong. A statement of interests and experience in Education will also be requested from applicants and will be considered as part of the selection process.

### Course Requirements

Students must satisfactorily complete every subject and major component in their program of study before the Graduate Diploma in Education will be awarded. More specific details of assessment will be given in individual subject outlines.

Each session is divided into a number of blocks, each of which is either school or University based. As a result the course timetable changes several times during the year. Details of lecture contact hours, and other time commitments expected of students, are outlined in the Graduate Diploma of Education Handbook distributed to students at the beginning of the academic year.

Students are required to complete successfully two Primary or two Secondary methods subjects. Methods subjects are central to the program and are offered throughout the year. The Method areas which are available may differ from year to year. Methods currently offered are: Commerce, Geography and Computing Studies, English, History, Drama, ESL, French, Italian, Japanese, Mathematics, Science, Art, Music. Students are advised to check with the Faculty regarding the availability of specific Methods subjects.

Students are also advised to check with the Faculty through the Faculty's Student Service Centre (Building 23, Room G21) regarding the combinations of methods which will satisfy the requirements of the NSW Department of Education. A letter from the NSW Department of Education and Training stating that the student's undergraduate program is acceptable to the Department for recognition as a teacher of the chosen methods area(s) is compulsory for each student in their application.

### Course Program

Subjects	Credit Points
For those students pursuing secondary school methods:	
EDGC800      Practicum	6
EDGC811      Understanding Learning A	6
EDGC812      Professional Skills A	6

## Course Information

EDGC813	Learning and Teaching Contexts A	6
EDGC821	Understanding Learning B	6
EDGC822	Professional Skills B	6
EDGC823	Learning and Teaching Contexts B	6
Plus 12 credit points of Secondary Methods		

For those students pursuing primary school methods:

EDGC800	Practicum	6
EDGC811	Understanding Learning A	6
EDGC812	Professional Skills A	6
EDGC813	Learning and Teaching Contexts A	6
EDGC821	Understanding Learning B	6
EDGC822	Professional Skills B	6
EDGC823	Learning and Teaching Contexts B	6
Plus 12 credit points of Primary Methods		

## Graduate Diploma in TESOL

Testamur Title of Degree:	Graduate Diploma in TESOL
Abbreviation:	GDipTESOL
Home Faculty:	Education
Duration:	1 year or part time equivalent
Total Credit Points:	48
Delivery Mode:	On Campus, Distance
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local); \$6,900 AUD per FT session (international)
Location:	Wollongong, Distance
UOW Course Code:	FP669, DE669
CRICOS Code:	020206J

### Overview

The Graduate Diploma in TESOL is a coursework postgraduate Diploma designed to meet the specific educational development needs of a broad range of English language teachers and educators. The course is designed to cover the generic professional skills for all those who work in the TESOL area in a variety of settings - business, industry, community education, government and private organisations. Candidates will pursue theoretical studies and demonstrate their skills and knowledge in a special project/practicum. The Graduate Diploma in TESOL may also serve as an alternative form of entry into the Master of Education, which requires a formal background in the discipline of Education.

The GDipTESOL can also be completed by distance education, using online delivery technologies or print-based study materials.

### Entry Requirements

Candidates must meet the normal University requirements for Graduate Diploma entry, ie a three-year Bachelor degree or equivalent.

### Advanced Standing

Candidates who have completed a Certificate in English Language Teaching to Adults (CELTA) or equivalent qualification, in addition to the normal Graduate Diploma entry requirements, may be eligible for 24 credit points Advanced Standing, specified as EDUE317, EDUE340, EDUE319 and EDUE336.

### Course Program

Subjects	Credit Points
Students must complete the following core subjects:	
EDGT984 Theories of Second Language Learning	6
EDUE340 Materials and Technology in Second Language Teaching	6
EDUE317 English Language:Examining Learners' Problems	6
EDUE319 Programming and Methodology in Second Language Teaching	6
EDUL336 Practicum or Project in Second Language Teaching	6

plus subjects chosen from the following to complete 48 credit points:

EDGT976	Text and Context	6
EDGT983	Assessment in TESOL	6
EDGT921	Teaching Reading to Second Language Learners	2
EDGT922	The English Sound System	2
EDGT923	Teaching Grammar and Vocabulary	2
EDGT924	Teaching Listening to Second Language Learners	2
EDGT925	Teaching Writing to Second Language Learners	2
EDGT929	Teaching Speaking to Second Language Learners	2

## Graduate Certificate in Adult Career Development

Testamur Title of Degree:	Graduate Certificate in Adult Career Development
Abbreviation:	GCertAdultCareerDev
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	Distance
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600
Location:	Distance
UOW Course Code:	DE690
CRICOS Code:	N/A

### Overview

The Graduate Certificate in Adult Career Development is a specialised course aimed at those working with the development of adult careers. The course is offered on a full-fee basis in a self-study open-learning format, using materials available on Macintosh or Windows CD-ROM disk. The course consists of four 6-credit-point subjects. The course is only offered by distance mode and, with the exception of the Practicum, is delivered on CD ROM.

### Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three-year degree or equivalent).

### Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

### Course Program

Subjects		Credit Points
EDGH940	Adult Career Development	6
EDGH942	Career Development and the Organisation	6
EDGH944	Career Development with Clients	6
EDGH946	Practicum or Project in Adult Career Development	6

## Graduate Certificate in Computer Based Learning

Testamur Title of Degree:	Graduate Certificate in Computer Based Learning
Abbreviation:	GCertCompBasedLearn
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	On Campus, Distance
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local); \$6,900 per session (international)
Location:	Wollongong, Distance
UOW Course Code:	F1110, D1110
CRICOS Code:	022891M

### Overview

The Graduate Certificate in Computer-Based Learning is designed to enable graduates to extend their knowledge of the use of computer technology in teaching.

### Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three-year degree or equivalent).

### Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

### Course Program

Subjects	Credit Points
EDGI911 Information technology and training	6
EDGI913 Instructional strategies and authoring	6
Plus other subjects (including Project subjects) chosen from the subjects listed in the Program Information Technology in Education and Training in the Graduate School schedule chosen in consultation with the Course Co-ordinator to complete a 24 credit point program.	

## Graduate Certificate in Educational Leadership

Testamur Title of Degree:	Graduate Certificate in Educational Leadership
Abbreviation:	GCertEdLead
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local); \$6,900 per session (international)
Location:	Wollongong/Distance
UOW Course Code:	F1127
CRICOS Code:	

### Overview

The Graduate Certificate in Educational Leadership is designed to provide an opportunity for mid-career professionals with backgrounds in schools, tertiary education and adult education and training to undertake an intensive professional development program to address the changing nature of their work.

### Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three-year degree or equivalent).



## Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

## Course Program

Subjects	Credit Points
EDGL901 Foundations of Educational Leadership	6
EDGL903 Introduction to Educational Management	6
<b>Plus</b> other subjects (including Project subjects) chosen from the subjects listed in the Educational Leadership Program chosen in consultation with the course co-ordinator to complete a 24 credit point program.	

## Graduate Certificate in Gifted Education

Testamur Title of Degree:	Graduate Certificate in Gifted Education
Abbreviation:	GCertGiftedEd
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local); \$6,900 per session (international)
Location:	Wollongong
UOW Course Code:	F1109
CRICOS Code:	036455E

## Overview

The Graduate Certificate in Gifted Education is designed to provide a specialist qualification in the area of Gifted Education for graduates interested in qualifying in this area. The course consists of 24 credit points generally completed over twelve months.

## Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three-year degree or equivalent).

## Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

## Course Program

Subjects	Credit Points
EDGS910 Learning theories and exceptionality	6
18 credit points chosen from the following:	
EDGS911 Project in Exceptional Education Practices	2
EDGS922 Teaching gifted students	6
EDGS923 Project in gifted education	2
EDGS924 Giftedness in special populations	6
EDGS925 Project in dual exceptionality	2
EDGS912 Contemporary perspectives in the education of students with diverse needs	6
EDGS913 Project in contemporary perspectives	2

## Graduate Certificate in Higher Education

Testamur Title of Degree:	Graduate Certificate in Higher Education
Abbreviation:	GCertHighEd
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local)
Location:	Wollongong
UOW Course Code:	FP696
CRICOS Code:	N/A

### Overview

This program is available to all existing and newly appointed academic staff of the University. The course will allow staff to develop their teaching capabilities and obtain a formal award as evidence of appropriate teaching skills.

Staff who successfully complete the Graduate Certificate in Higher Education would be eligible to enrol in the Graduate Diploma in Adult Education and Training with Advanced Standing for three subjects on condition that the applicant surrender the Graduate Certificate.

### Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three year degree or equivalent).

### Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

### Course Program

Subjects		Credit Points
EDGA997	Introduction to Tertiary Teaching	8
EDGH911	Instructional Design	6
EDGH912	Project for Instructional Design	2
EDGH921	Evaluation and Assessment for Adult Learning	6
EDGH922	Project for Evaluation and Assessment for Adult Learning	2

## Graduate Certificate in Literacy

Testamur Title of Degree:	Graduate Certificate in Literacy
Abbreviation:	GCertLiteracy
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	On Campus, Distance
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local); \$6,900 per session (international)
Location:	Wollongong, Distance
UOW Course Code:	F1106, D1106
CRICOS Code:	028403F

### Overview

The Graduate Certificate in Literacy is designed to provide a specialist qualification in the area of Literacy Education for teachers interested in qualifying in this area. This is offered using online delivery methods.

### Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three-year degree or equivalent).

## Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

## Course Program

Subjects (by year)		Credit Points
EDGR911	Teaching Reading	8
EDGR912	Teaching Writing	8
Plus one of the following:		
EDGA959	Adult Literacy	8
EDGA971	Assessment and evaluation of language and literacy	8
EDGA987	Children's Literature	8

## Graduate Certificate in Outdoor Education

Testamur Title of Degree:	Graduate Certificate in Outdoor Education
Abbreviation:	GCertOutdoorEd
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local)
Location:	Wollongong
UOW Course Code:	F1128
CRICOS Code:	N/A

## Overview

The Graduate Certificate in Outdoor Education is designed for educators interested in attaining the necessary skills and competencies to effectively teach outdoor education in a school or training setting. Outdoor Education draws on the disciplines of experiential education, adventure education, environmental education, social science and the humanities. The course consists of 24 credit points generally completed over twelve months.

## Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three-year degree or equivalent).

## Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

## Course Program

Subjects		Credit Points
Four compulsory subjects (totalling 16 credit points) in the major study area		
EDGP910	Theory and practice of outdoor education	6
EDGP911	Project for EDGP910	2
EDGP912	Facilitation techniques in outdoor education	6
EDGP913	Project for EDGP912	2

Plus 8 credit points chosen from the PE/Health specialisation or the following areas of the Graduate schedule: Educational Leadership, Adult Education, Environmental Education or related Project subjects.

## Graduate Certificate in Special Education

Testamur Title of Degree:	Graduate Certificate in Special Education
Abbreviation:	GCertSpecialEd
Home Faculty:	Education
Duration:	1 session or equivalent part time
Total Credit Points:	24
Delivery Mode:	Face to face with online support
Starting Session(s):	Autumn
Standard Course Fee:	\$3,600 (local); \$6,900 per session (international)
Location:	Wollongong
UOW Course Code:	F1108
CRICOS Code:	029683G

### Overview

The Graduate Certificate in Special Education is designed to provide a specialist qualification in the area of Special Education for graduates interested in qualifying in this area. Contact the Special Education program co-ordinator for more details. The course consists of 24 credit points completed over twelve months.

### Entry Requirements

Entry is available to candidates who satisfy the University's entry requirements for Graduate Certificates (i.e. a three-year degree or equivalent).

### Advanced Standing

Students who wish to continue onto the MEd program will receive 24 credit points of advanced standing for subjects completed in a Graduate Certificate program, provided the candidate has not formally graduated with the Graduate Certificate award. If the candidate has formally received the Graduate Certificate, up to 16 credit points of advanced standing will be granted towards the MEd.

### Course Program

Subjects		Credit Points
EDGS910	Learning theories and exceptionality	6
plus subjects chosen from the following to complete 24 credit points:		
EDGS911	Project in Exceptional Education Practices	2
EDGS912	Contemporary Perspectives in the Education of Children with Diverse Needs	6
EDGS913	Project in Contemporary Perspectives	2
EDGS914	Assessment and Instruction of Students with Learning Difficulties	6
EDGS915	Programs for Students with Learning Difficulties	2
EDGS916	Models of Behaviour Management	6
EDGS917	Programming for Behaviour Management	2
EDGS918	Approaches to Reading Difficulties: Theories and Strategies	6
EDGS919	Reading Difficulties: Program Design and Implementation	2
EDGS920	Language and Communication Difficulties: Theory and Practice	6
EDGS921	Language-Related Learning Difficulties: A Case Study	2

# Faculty of Engineering

## Member Units

School of Civil, Mining and Environmental Engineering  
School of Engineering Physics  
School of Mechanical, Materials and Mechatronic Engineering

## Degrees Offered

### Research

Doctor of Philosophy  
Master of Engineering - Research  
Master of Science (Physics) - Research

### Coursework

Master of Engineering

- Civil Engineering
- Environmental Engineering
- Maintenance Management
- Materials Engineering
- Mechanical Engineering
- Mining Engineering

Master of Engineering Practice

- Bulk Solids and Particulate Technologies
- Civil Engineering
- Engineering Management
- Environmental Engineering
- Maintenance Management
- Materials Engineering
- Materials Welding and Joining
- Mechanical Engineering
- Mechatronics
- Steel Processing and Products

Master of Science (Medical Radiation Physics)

Graduate Diploma in Engineering

- Civil Engineering
- Environmental Engineering
- Materials Engineering
- Mechanical Engineering
- Mining Engineering

Graduate Diploma in Materials Welding and Joining

Graduate Diploma in Science (Physics)

Graduate Certificate in Engineering

Graduate Certificate in Maintenance Management

## Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Faculty of Engineering
Duration:	3yrs full-time or part-time equivalent
Total Credit Points:	48 credit points per year
Entry Requirements:	Bachelor degree in a relevant discipline with Honours Class II, Division 2 or higher.
Delivery Mode:	Research
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8750 AUD per session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	001245D

### Overview

Doctor of Philosophy (PhD) candidates undertake in-depth research in order to make an original contribution to the body of knowledge in their area of interest. This qualification can lead to, or enhance, an academic career and is also highly regarded by public and private sector employers. A thesis containing the candidate's research will be presented for examination at the end of the study.

Current research areas are listed below:

#### *Civil Engineering*

- Steel and concrete structures
- Bridge engineering
- Solid and rock mechanics
- Foundation engineering, including railways
- Slope stability and reliability analysis
- Soft ground improvement technology
- Reinforced earth
- Dam and embankment engineering
- Finite element and other numerical methods
- Structural dynamics
- Cementitious materials for construction
- Flood studies, hydraulics and hydrology
- Water quality engineering
- Geo-environmental studies

#### *Environmental Engineering*

- Water quality engineering
- Environmental hydraulics and unit processes
- Pollution control engineering
- Water quality and quantity modelling of catchments, rivers and lakes
- Soil erosion and sediment transport
- Environmental pollution modelling
- Recycling and waste management
- Environmental geotechnology
- Solid-liquid separation processes
- Transport and the environment

#### *Materials Engineering*

##### **Steel Processing and Products:**

- Polymer coating adhesion
- Mechanical properties of polymer coatings
- Surface properties of polymers
- Peritectic phase transformation: mechanism and kinetics
- Development of in-situ observation techniques
- Kinetics of phase transformations in zincalume alloy systems
- Property/microstructure relationships
- Process optimisation in direct reduction of iron

Thermo-mechanical processing, including HSLA steels  
Corrosion of steelmaking refractories  
Slag properties and behaviour

**Superconducting and Electronic Materials:**

Theory and mechanism of superconductors  
Phase relation, phase evolution and chemistry of superconductors  
Single crystal growth and study of intrinsic properties  
Fabrication of bulk, wires and tapes superconductors  
Critical current density, transport mechanism and flux pinning  
Studies on structure, microstructure and stability  
Colossal magnetoresistance materials  
Spintronic materials  
High energy batteries for electric vehicles  
Solid-state rechargeable lithium batteries for telecommunication and portable electronic devices  
Developing new cathode materials for lithium-ion batteries using Australian mineral resources  
Investigation of nano-materials for use in lithium rechargeable batteries  
Composite cathode materials for lithium ion batteries using chemical coating technique  
Hydrogen storage materials  
Nickel-metal hydride batteries  
Processing of thin films  
Investigation of superconductor thin films  
Nanofabrication of novel multilayer materials  
Coated conductors  
Nanostructure of electronic materials

**Ceramic and Refractory Materials:**

Sintering kinetics  
High temperature degradation  
Extrusion of resin-bonded ceramics  
Processing of refractories

**Intelligent Polymers:**

Artificial muscles  
Chemical and physical sensors  
Electronic textiles

**Nano-materials:**

Synthesis and characterisation of carbon nanotubes  
High energy ball milling  
Structure and properties of nanocrystalline materials

**Welding and Joining/Surface Engineering:**

Structure and properties of welded metals  
Weld metal cracking  
Post weld heat treatment  
Weldability of creep resistant steels  
Brazing and diffusion bonding  
Fusion welding of coated steels  
Surface engineering of materials  
Wear and surface property testing  
Physical vapour deposition processing of metals  
Ion implantation  
Microwave processing of materials  
Solidification

***Mechanical Engineering (Includes Mechatronics)***

**Applied Mechanics:**

Bio-mechanics  
Solid mechanics  
Computational fluid mechanics  
Jet cooling in industrial applications  
Finite element analysis  
Natural and hybrid ventilation of buildings  
Industrial ventilation systems  
Renewable energy systems  
Wave energy conversion  
Small wind energy systems  
Mechanical engineering design  
Heavy vehicle and rail dynamics

- Railway engineering
- Rolling mill technology
- Solar thermal system analysis and design
- Solid mechanics of elastic and magneto- elastic bodies
- System identification and control
- Tribology-bearing friction and wear
- Alternative fuels
- Novel IC engines

**Manufacturing and Mechatronics:**

- Sensors and actuators
- Smart materials and structures
- MEMS and Nanotechnology
- Laser welding and surfacing
- Automated pipe welding
- Robotic repair technology
- Novel control of arc processes
- Virtual reality weld simulator
- Magnetic impelled arc butt welding
- Automated QC and reliability engineering
- Chip control in automated manufacture
- Expert/knowledge system in automated machining
- Intelligent manufacturing systems
- Monitoring/diagnosis of manufacturing processes and machinery conditions
- Integrated CAD/CAM
- Maintenance management

**Bulk Materials Handling:**

- Prediction of bin wall loads and flow rates
- Feeding and discharging systems including pressurised systems
- Dust and fume control
- Pneumatic conveying
- Computer simulation of discrete particles
- Biomass handling and feeding systems
- Fluidisation and deaeration

***Mining Engineering***

- Rock mechanics
- Surface mining
- Mine simulation, planning and design
- Mine safety and mine ventilation
- Geostatistics
- Computer applications in mining engineering
- Mine water
- Environmental impact of mining

***Physics***

- Astronomy - visible and infrared, planetary surfaces
- Laser spectroscopy
- Medical Radiation Physics
- Scattering of light by solids
- Solid state spectroscopy of impurities in semiconductors
- Studies of electronic wave functions in solids
- Theoretical astrophysics - galaxy formation, gas dynamics



## Master of Engineering - Research

Testamur Title of Degree:	Master of Engineering - Research
Abbreviation:	MEng - Res
Home Faculty:	Faculty of Engineering
Engineering Disciplines:	Civil, Environmental, Materials, Mechanical, Mechatronics, Mining
Duration:	1.5 yrs full-time or part-time equivalent
Total Credit Points:	72 credit points
Entry Requirements:	Relevant degree with Honours Class III or above.
Delivery Mode:	Research/Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8750 AUD per session (international)
Location:	Wollongong
UOW Course Code:	1303
CRICOS Code:	042554G

### Overview

The Master of Engineering degree by research is intended for engineers qualified and interested in specific engineering problems. The degree comprises a 48 credit point research thesis and 24 credit points of coursework. Coursework comprises the six credit point subject ENGG951 Engineering Project Management plus 18 credit points of elective subjects chosen from the relevant Master of Engineering program – refer to following pages.:

Advanced standing for some or all of the coursework component may be granted on demonstrated research skills. Evidence of these skills would normally be a Bachelor of Engineering (Honours Class II Division 2 or better) and/or an appropriate Masters Coursework degree.

For current research areas refer to the PhD program above.

## Master of Science - Research

Testamur Title of Degree:	Master of Science - Research
Abbreviation:	MSc - Res
Home Faculty:	Faculty of Engineering
Engineering School:	Engineering Physics
Duration:	1.5 yrs full-time or part-time equivalent
Total Credit Points:	72 credit points
Entry Requirements:	Honours degree in Physics, or a Graduate Diploma in Science (Physics) or approved equivalent qualification
Delivery Mode:	Research/Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8750 AUD per session (International)
Location:	Wollongong
UOW Course Code:	1304
CRICOS Code:	042555F

### Overview

The Master of Science degree by research equips candidates with superior skills in research design and methodology in preparation for leadership roles in their chosen field. The degree comprises a 48 credit point research thesis and 24 credit points of coursework. Advanced standing for some, or all, of the coursework component may be granted on demonstrated research skills.

Students entering with a degree below Honours Class II, Division 2 will complete the 48 credit point thesis and 24 credit point combination of subjects chosen from the remaining Graduate Subjects below and the list of undergraduate Physics subjects. These subjects will be chosen in consultation with and approved by the Physics Discipline Adviser. For current research areas refer to the PhD program above.

**Course Program**

<b>Subjects</b>		<b>Credit Points</b>
<b>Core Subject</b>		
PHYS401	Theoretical Mechanics and Electromagnetism	8
PHYS441	Advanced Astrophysics	4
PHYS444	Quantum Mechanics	8
PHYS446	Solid State Physics	8
PHYS910	Advanced Project in Physics A	6
PHYS946	Advanced Solid State Physics	6
PHYS947	Special Topics in Physics A	6
PHYS948	Physics of Imaging	6
PHYS960	Advanced Project in Physics B	6
PHYS997	Special Topics in Physics B	6

**Master of Engineering (Civil Engineering)**

Testamur Title of Degree:	Master of Engineering (Civil Engineering)
Abbreviation:	MEng
Home Faculty:	Faculty of Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	Bachelor of Engineering with honours at Class III or higher from this University, or an approved equivalent qualification.
Delivery Mode:	Coursework/Dissertation
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	1403
CRICOS Code:	042657M

**Overview**

The Master of Engineering allows the student to combine specialist postgraduate subjects, according to his or her undergraduate background, with project work. The program comprises a 24 credit point dissertation and at least 24 credit points of coursework. The dissertation typically requires rigorous research in a specialised area – normally in the area of coursework components undertaken.

**Course Program**

<b>Subjects</b>		<b>Credit Points</b>
<b>Core Subject</b>		
ENGG945	Dissertation	24
<b>Elective Subjects</b>		
CIVL901	Project	6
CIVL902	Reliability in Geotechnical Engineering	6
CIVL903	Concrete Technology	6
CIVL904	Highway Materials	6
CIVL905	Transportation Engineering	6
CIVL907	Civil Engineering Computations	6
CIVL908	Advanced Soil Mechanics	6
CIVL909	Advanced Foundation Engineering	6
CIVL910	Vibrations of Structures	6
CIVL911	Finite Element Methods	6
CIVL912	Engineering Hydrology	6
CIVL914	Analysis and Design of Bridge Structures	6
CIVL916	Research Topics in Civil Engineering	6
CIVL918	Steel Structures	6
CIVL919	Earth Structures	6
CIVL923	Advanced Reinforced Concrete	6
ENGG955	Engineering Research Methods	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering (Environmental Engineering)

Testamur Title of Degree:	Master of Engineering (Environmental Engineering)
Abbreviation:	MEng
Home Faculty:	Faculty of Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	Bachelor of Engineering with honours at Class III or higher from this University, or an approved equivalent qualification.
Delivery Mode:	Coursework/Dissertation
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	1403
CRICOS Code:	042657M

### Overview

The Master of Engineering allows the student to combine specialist postgraduate subjects, according to his or her undergraduate background, with project work. The program comprises a 24 credit point dissertation and at least 24 credit points of coursework. The dissertation typically requires rigorous research in a specialised area – normally in the area of coursework components undertaken.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG945 Dissertation	24
<b>Elective Subjects</b>	
ENGG955 Engineering Research Methods	6
ENVE901 Project	6
ENVE916 Research Topics in Environmental Engineering	6
ENVE925 Water Quality Engineering	6
ENVE926 Air and Noise Pollution	6
ENVE927 Environmental Engineering Processes Design	6
ENVE928 Design of Urban Water Systems	6
ENVE929 Site Contamination and Remediation Technologies	6
ENVE930 Coastal, River and Groundwater Engineering	6
ENVE931 Membrane Processes and Applications	6
ENVI920 The Scientific Basis of Environmental Management	6
ENVI921 Environmental Planning	6
CIVL908 Advanced Soil Mechanics	6
CIVL912 Engineering Hydrology	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering (Maintenance Management)

Testamur Title of Degree:	Master of Engineering (Maintenance Management)
Abbreviation:	MEng
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Mechanical Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree from a recognised institution with Honours Class III, or higher.
Delivery Mode:	Coursework/Dissertation
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	1403
CRICOS Code:	042657M

### Overview

Maintenance engineers having completed their Graduate Diploma in Maintenance Management will be given appropriate credits for the course they already have completed. Credits may also be approved for other qualifications or experience for suitable applicants. In order to then obtain a Masters of Engineering (Maintenance Management), the candidate must have a Graduate Diploma in Maintenance Management or equivalent and have completed successfully a further 48 cp. These must consist of 2

core and 2 elective subjects and a 24 cp research project leading to a dissertation. The research project will run in parallel with the formal coursework throughout the anticipated last year of a candidate's study. Students will be able to choose a suitable investigation from the current research activities at any of the disciplines involved.

### Course Program

Subjects		Credit Points
<b>Core Subject</b>		
ENGG945	Dissertation	24
MECH971	Systems Analysis for Maintenance	6
MECH973	Systems Engineering and Life Cycle Management	6
MECH976	Maintenance System Design and Management	6
TBS903	Managing People in Organisations	6
<b>Elective Subjects</b>		
ACCY901	Accounting for Managers	6
MECH972	Condition Based Maintenance	6
MECH977	Advanced Topics in Maintenance 1	6
TBS906	Information Systems for Managers	6

*Plus other postgraduate subjects from the Business School or Engineering, subject to approval from the course coordinator.*

## Master of Engineering (Materials Engineering)

Testamur Title of Degree:	Master of Engineering (Materials Engineering)
Abbreviation:	MEng
Home Faculty:	Faculty of Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	Bachelor of Engineering with honours at Class III or higher from this University, or an approved equivalent qualification.
Delivery Mode:	Coursework/Dissertation
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	1403
CRICOS Code:	042657M

### Overview

The Master of Engineering allows the student to combine specialist postgraduate subjects, according to his or her undergraduate background, with project work. The program comprises a 24 credit point dissertation and at least 24 credit points of coursework. The dissertation typically requires rigorous research in a specialised area – normally in the area of coursework components undertaken.

### Course Program

Subjects		Credit Points
<b>Core Subject</b>		
ENGG945	Dissertation	24
<b>Elective Subjects</b>		
<b>Advanced Engineering Materials program</b>		
MATL901	Special Topic in Materials A	6
MATL903	Recent Developments in Materials	6
MATL905	Metallic Materials	6
MATL906	Ceramics, Glasses and Refractories	6
MATL907	Polymeric Materials	6
MATL972	Selection and Design of Materials	6
<b>Materials Processing program</b>		
MATL901	Special Topic in Materials A	6
MATL902	Special Topic in Materials B	6
MATL903	Recent Developments in Materials	6
MATL921	Formability of Sheet Material	6
MATL932	Surface Engineering of Materials	6
MATL937	Process Metallurgy	6
<b>Metallurgy program</b>		

MATL901	Special Topic in Materials A	6
MATL903	Recent Developments in Materials	6
MATL905	Metallic Materials	6
MATL911	Mechanical Behaviour of Materials	6
MATL951	Performance of Materials A	6
MATL952	Performance of Materials B	6
MATL972	Selection and Design of Materials	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering (Mechanical Engineering)

Testamur Title of Degree:	Master of Engineering (Mechanical Engineering)
Abbreviation:	MEng
Home Faculty:	Faculty of Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	Bachelor of Engineering with honours at Class III or higher from this University, or an approved equivalent qualification.
Delivery Mode:	Coursework/Dissertation
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	1403
CRICOS Code:	042657M

### Overview

The Master of Engineering allows the student to combine specialist postgraduate subjects, according to his or her undergraduate background, with project work. The program comprises a 24 credit point dissertation and at least 24 credit points of coursework. The dissertation typically requires rigorous research in a specialised area – normally in the area of coursework components undertaken.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG945 Dissertation	24
<b>Elective Subjects</b>	
ENGG955 Engineering Research Methods	6
<b>Advanced Manufacturing Program</b>	
MECH919 Advanced Topics in Mechanical Engineering 1	6
MECH929 Advanced Topics in Mechanical Engineering 2	6
MECH934 Advanced Manufacturing Processes	6
MECH935 Integrated Manufacturing Systems	6
MECH939 Advanced Topics in Mechanical Engineering 3	6
MECH949 Advanced Computer Control of Machines and Processes	6
MECH950 Advanced Robotics	6
<b>Applied Mechanics Program</b>	
MECH903 Biomechanical Engineering	6
MECH918 Sustainable Energy in Buildings	6
MECH919 Advanced Topics in Mechanical Engineering 1	6
MECH920 Numerical Methods in Mechanical Engineering	6
MECH925 Advanced Fluid Power	6
MECH926 Applied Fluid Mechanics	6
MECH928 Finite Element Techniques in Mechanical Engineering	6
MECH929 Advanced Topics in Mechanical Engineering 2	6
MECH930 Mechanical Vibration and Condition Monitoring	6
MECH931 Friction Lubrication and Wear	6
MECH933 Solar Energy	6
MECH939 Advanced Topics in Mechanical Engineering 3	6
MECH979 Sustainable Transport and Engine Technologies	6

### Materials Handling Systems program

## Course Information

### Core

MECH913	Pneumatic Transport of Bulk Solids	6
MECH983	Bulk Solids Handling (Storage and Flow)	6

### Electives

MECH919	Advanced Topics in Mechanical Engineering 1	6
MECH927	Physical Processing of Bulk Solids	6
MECH929	Advanced Topics in Mechanical Engineering 2	6
MECH931	Friction, Lubrication and Wear	6
MECH939	Advanced Topics in Mechanical Engineering 3	6

### Mechatronics Program

#### Core

ECTE955	Advanced Laboratory (replaces ENGG955)	6
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*Plus 3 electives – at least one should be chosen from the Control Engineering subjects and one from the Mechanical Engineering subjects.*

#### Control Engineering Subjects:

ECTE945	Advanced Intelligent Control	6
ECTE946	Advanced Computer Controlled Systems	6
MECH949	Advanced Computer Control of Machines and Processes	6

#### Mechanical Engineering Subjects:

MECH925	Advanced Fluid Power	6
MECH934	Advanced Manufacturing Processes	6
MECH935	Integrated Manufacturing Systems	6
MECH939	Advanced Topics in Mechatronics	6

#### Robotic Subjects:

ECTE973	Advanced Robotics Manipulators	6
ECTE974	Advanced Robotics Sensory Control	6
MECH950	Advanced Robotics	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering (Mining Engineering)

Testamur Title of Degree:	Master of Engineering (Mining Engineering)
Abbreviation:	MEng
Home Faculty:	Faculty of Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	Bachelor of Engineering with honours at Class III or higher from this University, or an approved equivalent qualification.
Delivery Mode:	Coursework/Dissertation
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	1403
CRICOS Code:	042657M

### Overview

The Master of Engineering allows the student to combine specialist postgraduate subjects, according to his or her undergraduate background, with project work. The program comprises a 24 credit point dissertation and at least 24 credit points of coursework. The dissertation typically requires rigorous research in a specialised area – normally in the area of coursework components undertaken.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG945 Dissertation	24
<b>Elective Subjects</b>	
ENGG955 Engineering Research Methods	6
MINE901 Transportation of Mineral and Personnel	6
MINE902 Advanced Studies in Mining Engineering	6
MINE903 Simulation of Underground Mining Operations and Problems	6
MINE904 Rock Mechanics and Ground Control	6
MINE905 Environmental Control in Mines	6

MINE906	Mining Engineering Techniques	6
MINE908	Fires, Explosions and Mine Gases	6
MINE909	Mine Subsidence	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering Practice (Bulk Solids and Particulate Technologies)

Testamur Title of Degree:	Master of Engineering Practice (Bulk Solids and Particulate Technologies)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Mechanical Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering or a Bachelor of Science degree, or an Associate Diploma in a relevant field, plus appropriate industrial experience
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	Refer Faculty
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	N/A

### Overview

This course is offered on a part-time (modular) basis over 2 years and is a joint degree with the University of Newcastle. This is a full fee paying course.

Students will be awarded a Master of Engineering Practice (Bulk Solids and Particulate Technologies) on successful completion of 48 cp comprising:

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
MECH983 Bulk Solids Handline (Storage and Flow)	6
MECH995 Bulk Solids Handling (Systems and Design)	6
MECH990 Project in Bulk Solids and Particulate Technologies	6
<b>Elective Subjects</b>	
MECH913 Pneumatic Transport of Bulk Solids	6
MECH927 Physical Processing of Bulk Solids	6
MECH982 Bulk Solids Characterisation and Particulate Mechanics	6
MECH984 Belt Conveying	6
MECH985 Dust and Fume Systems	6
MECH986 Instrumentation and Control Systems for Bulk Solids	6
MECH987 Advanced Topics in Bulk Solids and Particulate Technologies 1	6
MECH988 Advanced Topics in Bulk Solids and Particulate Technologies 2	6
MECH989 Advanced Topics in Bulk Solids and Particulate Technologies 3	6
MECH993 Maintenance Management of Bulk Handling Systems	6
MECH994 Mechanical Handling Systems	6

*Note: Apart from MECH990, each subject is run on a modular basis comprising 5 days of lectures, laboratory demonstrations, case studies and problem solving, followed by assessable tasks.*

## Master of Engineering Practice (Civil Engineering)

Testamur Title of Degree:	Master of Engineering Practice (Civil Engineering)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Civil Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M

### Overview

The Master of Engineering Practice allows practising engineers to build on and update their knowledge, and learn in additional areas to those taken in their first degree. The core subjects develop skills that all practising engineers need, and the choice of electives allows specialisation in the areas such as:

- advanced soil mechanics
- advanced foundation geotechnical engineering
- steel structures
- concrete technology
- engineering hydrology

The dissertation is a project allowing study in a particular area in depth. The dissertation develops skills in information retrieval, project planning and organisation analysis, problem solving, and effective communication of results.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG950 Innovation and Design	6
ENGG951 Engineering Project Management	6
ENGG952 Engineering Computing	6
Or	
TBS901 Accounting for Managers	6
<b>Elective Subjects</b>	
CIVL903 Concrete Technology	6
CIVL908 Advanced Soil Mechanics	6
CIVL909 Advanced Foundation Engineering	6
CIVL912 Engineering Hydrology	6
CIVL918 Steel Structures	6
CIVL923 Advanced Reinforced Concrete	6
CIVL981 Special Topic A	6
CIVL982 Special Topic B	6
ENGG940 Dissertation	12
ENGG953 Modelling of Engineering Management Systems	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering Practice (Engineering Management)

Testamur Title of Degree:	Master of Engineering Practice (Engineering Management)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M



## Overview

The Master of Engineering Practice allows practising engineers to build on and update their knowledge, and learn in additional areas to those taken in their first degree. The core subjects develop skills that all practising engineers need, and the choice of electives allows specialisation in the areas such as:

- managing people in organisations
- supply chain management
- systems analysis for maintenance
- systems engineering and life-cycle management
- maintenance systems design and management.

The dissertation is a project allowing study in a particular area in depth. The dissertation develops skills in information retrieval, project planning and organisation analysis, problem solving, and effective communication of results.

## Course Program

Subjects		Credit Points
<b>Core Subject</b>		
ENGG950	Innovation and Design	6
ENGG951	Engineering Project Management	6
ENGG952	Engineering Computing	6
<b>Elective Subjects</b>		
ENGG940	Dissertation	12
ENGG953	Modelling of Engineering Management Systems	6
<i>Option 1: Human and Financial Resource Management stream</i>		
TBS901	Accounting for Managers	6
TBS903	Managing People in Organisations	6
TBS908	Supply Chain Management	6
<i>Option 2: Maintenance Management stream</i>		
MECH971	Systems Analysis for Maintenance	6
MECH973	Systems Engineering and Life Cycle Management	6
MECH976	Maintenance System Design and Management	6

*Note: Students may be able to substitute other subjects from the Graduate School of Business (Faculty of Commerce) or Maintenance Management (Faculty of Engineering) depending on background and experience.*

## Master of Engineering Practice (Environmental Engineering)

Testamur Title of Degree:	Master of Engineering Practice (Environmental Engineering)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Environmental Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M

## Overview

The Master of Engineering Practice allows practising engineers to build on and update their knowledge, and learn in additional areas to those taken in their first degree. The core subjects develop skills that all practising engineers need, and the choice of electives allows specialisation in the areas such as:

- principles of environmental engineering
- wastewater engineering
- water supply engineering
- industrial waste engineering and cleaner production
- solid and hazardous waste engineering and management.

The dissertation is a project allowing study in a particular area in depth. The dissertation develops skills in information retrieval, project planning and organisation analysis, problem solving, and effective communication of results.

**Course Program**

<b>Subjects</b>		<b>Credit Points</b>
<b>Core Subject</b>		
ENGG950	Innovation and Design	6
ENGG951	Engineering Project Management	6
ENGG952	Engineering Computing	6
Or		
TBS901	Accounting for Managers	6
<b>Elective Subjects</b>		
ENGG940	Dissertation	12
ENGG953	Modelling of Engineering Management Systems	6
ENVE925	Water Quality Engineering	6
ENVE926	Air and Noise Pollution	6
ENVE927	Environmental Engineering Processes Design	6
ENVE928	Design of Urban Water Systems	6
ENVE929	Site Contamination and Remediation Technologies	6
ENVE930	Coastal, River and Groundwater Engineering	6
ENVE931	Membrane Processes and Applications	6
ENVE981	Special Topic A	6
ENVE982	Special Topic B	6
CIVL904	Highway Materials	6
CIVL912	Engineering Hydrology	6
CIVL924	Advanced Studies in Computer Aided Design	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

**Master of Engineering Practice (Maintenance Management)**

Testamur Title of Degree:	Master of Engineering Practice (Maintenance Management)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Mechanical Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree from a recognised tertiary institution.
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M

**Overview**

The objective of the program is to ensure continuous improvement in the strategic and tactical response of organisations, and their managers, to the management of infrastructure assets.

Students who complete other Maintenance Management courses with a credit average may apply for entry to the Master of Engineering Practice course. Appropriate advanced standing will be determined by the Course Coordinator.

**Course Program**

<b>Subjects</b>		<b>Credit Points</b>
<b>Core Subject</b>		
ENGG940	Dissertation	12
MECH971	Systems Analysis for Maintenance	6
MECH973	Systems Engineering and Life Cycle Management	6
MECH976	Maintenance System Design and Management	6
STAT942	Design and Analysis for Quality Control	6
TBS903	Managing People in Organisations	6
<b>Plus Elective Subjects from below:</b>		
ENGG953	Modelling of Engineering Management Systems	6
MECH972	Condition Based Maintenance	6
MECH977	Advanced Topics in Maintenance 1	6
TBS901	Accounting for Managers	6

*Note: Students may be able to substitute other subjects from the Graduate School of Business (Faculty of Commerce) or Maintenance Management (Faculty of Engineering) depending on background and experience.*

## Master of Engineering Practice (Materials Engineering)

Testamur Title of Degree:	Master of Engineering Practice (Materials Engineering)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Materials Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M

### Overview

The Master of Engineering Practice allows practising engineers to build on and update their knowledge, and learn in additional areas to those taken in their first degree. The core subjects develop skills that all practising engineers need, and the choice of electives allows specialisation in the areas such as:

- metallurgical processing
- engineering materials
- refractories
- corrosion and degradation
- mechanical behaviour

The dissertation is a project allowing study in a particular area in depth. The dissertation develops skills in information retrieval, project planning and organisation analysis, problem solving, and effective communication of results.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG950 Innovation and Design	6
ENGG951 Engineering Project Management	6
ENGG952 Engineering Computing	6
Or	
TBS901 Accounting for Managers	6
<b>Elective Subjects</b>	
ENGG940 Dissertation	12
ENGG853 Modelling of Engineering Management Systems	6
MATL901 Special Topics in Materials A	6
MATL902 Special Topics in Materials B	6
MATL903 Recent Developments in Materials	6
MATL951 Performance of Materials A	6
MATL952 Performance of Materials B	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering Practice (Materials Welding and Joining)

Testamur Title of Degree:	Master of Engineering Practice (Materials Welding and Joining)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Materials and Mechanical Engineering
Duration:	3 to 4 yrs part-time distance delivery
Total Credit Points:	60 credit points
Entry Requirements:	A Bachelor of Engineering or Bachelor of Science degree
Delivery Mode:	Flexible Delivery
Starting Session(s):	Jan, Mar, May, July, Sept, Nov Intakes
Standard Course Fee:	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	CR590
CRICOS Code:	020204M

### Overview

This course is offered on a flexible delivery basis. It consists of a set of 16 modules with a total of 48 cp, together with a 12cp Dissertation (ENGG 919). The 3 credit point modules are presented in the form of 12 text based distance delivery subjects and four intensive one week subjects which are offered in February each year. Assessment is by assignment and examination.

In addition to the self study texts a web-based tutor is used.

Approval of the Professor of Materials Welding and Joining will be required for the subject matter of ENGG 919 - Dissertation.

### Course Program

Subjects	Credit Points
ENGG901 Introduction to Welding and Joining Processes	3
ENGG902 Fusion Welding Processes Part 1	3
ENGG903 Other Joining Processes	3
ENGG904 Fusion Welding Processes Part 2	3
ENGG905 Behaviour of Metals during Welding - Part 1	3
ENGG906 Behaviour of Metals during Welding - Part 2	3
ENGG907 Welding of Non-Ferrous Metals and Non-Metals	3
ENGG908 Construction and Design - Part 1	3
ENGG909 Construction and Design - Part 2	3
ENGG910 Fabrication/Applications Engineering - Part 1	3
ENGG911 Fabrication/Applications Engineering - Part 2	3
ENGG914 Fabrication/Applications Engineering Part 3	3
ENGG915 Design on Structures	3
ENGG916 Fabrication Case Studies	3
ENGG917 Processes, Equipment, Automation	3
ENGG918 Weldability and Wear	3
ENGG919 Dissertation	12

## Master of Engineering Practice (Mechanical Engineering)

Testamur Title of Degree:	Master of Engineering Practice (Mechanical Engineering)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Mechanical Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M

## Overview

The Master of Engineering Practice allows practising engineers to build on and update their knowledge, and learn in additional areas to those taken in their first degree. The core subjects develop skills that all practising engineers need, and the choice of electives allows specialisation in the areas such as:

- air conditioning and refrigeration
- applied fluid mechanics
- continuum mechanics
- lubrication and wear
- advanced robotics
- sustainable transport and engine technologies
- sustainable energy in buildings.

The dissertation is a project allowing study in a particular area in depth. The dissertation develops skills in information retrieval, project planning and organisation analysis, problem solving, and effective communication of results.

## Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG950 Innovation and Design	6
ENGG951 Engineering Project Management	6
ENGG952 Engineering Computing	6
Or	
TBS901 Accounting for Managers	6
<b>Elective Subjects</b>	
ENGG940 Dissertation	12
ENGG953 Modelling of Engineering Management Systems	6
MECH926 Applied Fluid Mechanics	6
MECH930 Mechanical Vibration and Condition Monitoring	6
MECH918 Sustainable Energy in Buildings	6
MECH931 Friction, Lubrication and Wear	6
MECH949 Advanced Computer Control of Machines and Processes	6
MECH950 Advanced Robotics	6
MECH979 Sustainable Transport and Engine Technologies	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Engineering Practice (Mechatronics)

Testamur Title of Degree:	Master of Engineering Practice (Mechatronic Engineering)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Mechatronic Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M

## Overview

The Master of Engineering Practice allows practising engineers to build on and update their knowledge, and learn in additional areas to those taken in their first degree.

The program is offered jointly by the Faculty of Engineering and the Faculty of Informatics (School of Electrical, Computer and Telecommunications Engineering). The core subjects develop skills that all practising engineers need, and the choice of electives allows specialisation in the areas such as:

- advanced robotics
- advanced laboratory in electrical control
- advanced computer control of machines and processes
- computer controlled systems
- robotics manipulators
- robotics sensory control.

The dissertation is a project allowing study in a particular area in depth. The dissertation develops skills in information retrieval, project planning and organisation analysis, problem solving, and effective communication of results.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG950 Innovation and Design	6
ENGG951 Engineering Project Management	6
ENGG952 Engineering Computing	6
Or	
TBS901 Accounting for Managers	6
<b>Elective Subjects</b>	
ECTE971 Robotics Manipulators	6
ECTE972 Robotics Sensory Control	6
ECTE941 Intelligent Control	6
ECTE942 Computer Controlled Systems	6
ECTE955 Advanced Laboratory	6
ENGG940 Dissertation	12
or	
ECTE953 Report	12
ENGG953 Modelling of Engineering Management Systems	6
MECH950 Advanced Robotics	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

### Master of Engineering Practice (Steel Processing and Products)

Testamur Title of Degree:	Master of Engineering Practice (Steel Processing and Products)
Abbreviation:	MEngPrac
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Materials and Mechanical Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5,500 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	590
CRICOS Code:	020204M

### Overview

Candidates would normally be expected to have a Bachelor Degree in Materials or Mechanical Engineering, but a bachelor degree in another appropriate field of engineering or science together with appropriate professional experience would also be accepted.

### Course Program

Subjects	Credit Points
<b>Core Subjects</b>	
ENGG930 Preliminary Topics in Steel Processing and Products	6
TBS950 Quality in Management	6
ENGG931 Steel Products and their Production	6
MGMT933 Management of Process Innovation 1	6
MECH970 Maintenance Management	6
<b>Electives</b>	
ENGG932 Rolling Technology	6
ENGG933 Coating Technology	6
ENGG934 Steelmaking	6
ENGG935 Casting	6
MATL906 Ceramic Materials	6
ENGG936 Control of Steel Processing	6
MGMT915 Management of Change	6

*Note: Not all subjects available in any one year – refer Subject Listing.*

## Master of Science (Medical Radiation Physics)

Testamur Title of Degree:	Master of Science (Medical Radiation Physics)
Abbreviation:	MSc
Home Faculty:	Faculty of Engineering
Engineering School:	Engineering Physics
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	Completion of an Honours BSc or equivalent with Physics as a major study.
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$9000 (local); \$8900 AUD (International) per session
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	035592D

### Overview

Candidates who have completed a bachelors degree which does not include a relevant major study will be required to complete additional subjects in Physics as outlined in the Masters Degree regulations. Students who have completed the Bachelor of Medical Radiation Physics from the University of Wollongong, or equivalent specialist course, would be advised to enrol in a Medical Radiation Physics research program.

The course consists of a research project and four subjects.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
PHYS951 Medical Physics Research Project	18
PHYS952 Radiation and Radiotherapy Physics	8
PHYS953 Medical Imaging and Nuclear Medicine	8
PHYS954 Radiobiology and Radiation Protection	8
GHMB927 An Introduction to Human Anatomy and Physiology	6

## Graduate Diploma in Engineering

Testamur Title of Degree:	Graduate Diploma in Engineering
Abbreviation:	GradDipEng
Home Faculty:	Faculty of Engineering
Engineering Disciplines:	Civil, Environmental, Materials, Mechanical, Mining
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree from a recognised tertiary institution.
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee per FT session:	\$4750 (local); \$8750 AUD (international)
Location:	Wollongong
UOW Course Code:	649
CRICOS Code:	009237F

### Overview

The Graduate Diploma in Engineering is intended to provide specialised studies in engineering. It may provide entry to the Masters – Research program for students who do not have the necessary entry qualifications, particularly if studying this discipline for the first time.

Students enrol in one of the following 48 credit point subjects according to their discipline area:

Civil Engineering	CIVL899 Advanced Topics in Engineering
Environmental Engineering	ENVE899 Advanced Topics in Engineering
Materials Engineering	MATL899 Advanced Topics in Engineering

## Graduate Diploma in Maintenance Management

Testamur Title of Degree:	Graduate Diploma in Maintenance Management
Abbreviation:	GradDipMtceMgt
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Mechanical Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree from a recognised tertiary institution.
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee per FT session:	\$6000 (local); \$8750 AUD (international)
Location:	Wollongong
UOW Course Code:	672
CRICOS Code:	012108M

### Overview

The Graduate Diploma in Engineering is intended to provide specialised studies in Maintenance Management.

Maintenance Managers/Engineers without tertiary qualifications in engineering but with significant industrial experience, will also be considered for admission to a limited number of places.

Students completing the Graduate Diploma in Maintenance Management at the University of Wollongong will have the option to enter into the Master of Engineering Practice (Maintenance Management), with the appropriate credit.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
MECH970 Maintenance Management	6
MECH971 Systems Analysis for Maintenance	6
MECH972 Condition Based Maintenance	6
MECH973 Systems Engineering and Life Cycle Management	6
MECH976 Maintenance System Design and Management	6
TBS902 Statistics for Decision Making	6
TBS903 Managing People in Organisations	6
<b>Plus One Elective Subject from below:</b>	
TBS901 Accounting for Managers	6
TBS906 Information Systems for Managers	6

Note: Students may be able to substitute other subjects from the Graduate School of Business (Faculty of Commerce) or Maintenance Management (Faculty of Engineering) depending on background and experience.

## Graduate Diploma in Materials Welding and Joining

Testamur Title of Degree:	Graduate Diploma in Materials Welding and Joining
Abbreviation:	GradDipMWJ
Home Faculty:	Faculty of Engineering
Engineering Discipline:	Materials and Mechanical Engineering
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A Bachelor of Engineering degree from a recognised tertiary institution or approved equivalent qualification, prior learning and experience.
Delivery Mode:	Flexible Delivery
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5500 (local); \$8750 AUD (international) per session
Location:	Wollongong
UOW Course Code:	CR666
CRICOS Code:	N/A



## Overview

There are 16 modules. Refer to Master of Engineering Practice in Materials Welding and Joining. This course is offered on a flexible delivery basis and is the same as the MEPrac with the exception of the dissertation which is not required.

## Graduate Diploma in Science (Physics)

Testamur Title of Degree:	Graduate Diploma in Science (Physics)
Abbreviation:	GDipSc
Home Faculty:	Faculty of Engineering
Engineering School:	Engineering Physics
Duration:	1 yr full-time or part-time equivalent
Total Credit Points:	48 credit points
Entry Requirements:	A pass Bachelor degree of at least three years' duration in a relevant discipline.
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (International) per session
Location:	Wollongong
UOW Course Code:	650
CRICOS Code:	002363A

## Overview

This course is designed to provide:

- 1) a Masters qualifying course for students who have inadequate preparation for direct entry into the Masters by Research program;
- 2) an opportunity for Science teachers who have a degree, but have taken Physics to first or second year level only, to improve their understanding and horizons in Physics;
- 3) an opportunity for international students and students without a full major in Physics to update their knowledge of Physics.

Students must consult the Physics Discipline Adviser for admission to the course. Forty eight (48) credit points to be chosen from the following list in consultation with the Physics Discipline Adviser.

## Course Program

Subjects		Credit Points
<b>Core Subject</b>		
PHYS205	Advanced Modern Physics	6
PHYS215	Vibrations, Waves and Optics	6
PHYS233	Introduction to Environmental Physics	6
PHYS235	Mechanics and Thermodynamics	6
PHYS255	Radiation Physics	6
PHYS295	Astronomy - Concepts of the Universe	6
MATH201	Multivariate and Vector Calculus*	6
MATH202	Applied Differential Equations*	6
MATH283	Mathematics 2E for Engineers Part 1	6
PHYS305	Quantum Mechanics*	6
PHYS325	Electromagnetism*	6
PHYS335	Classic Mechanics*	6
PHYS365	Detection of Radiation: Neutrons, Electrons and X-Rays	6
PHYS375	Nuclear Physics	6
PHYS385	Statistical Mechanics*	6
PHYS390	Astrophysics	6
PHYS401	Theoretical Mechanics and Electromagnetism	8
PHYS441	Advanced Astrophysics	4
PHYS444	Quantum Mechanics	8
PHYS446	Solid State Physics	8
PHYS452	Medical Imaging	8
PHYS453	Radiobiology and Radiation Protection	8
PHYS456	Imaging Physics	8
PHYS910	Advanced Project in Physics A	6
PHYS947	Special Topics in Physics A	6
PHYS948	Physics of Imaging	6
PHYS960	Advanced Project in Physics B	6
PHYS990	Applied Physics Project	24

Note: Starred subjects are pre- and co-requisites of some of the physics subjects.

## Graduate Certificate in Engineering

Testamur Title of Degree:	Graduate Certificate in Engineering
Abbreviation:	GCertEng
Home Faculty:	Faculty of Engineering
Duration:	6mths part-time equivalent
Total Credit Points:	24 credit points
Entry Requirements:	A Bachelor of Engineering degree from a recognised tertiary institution.
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5500 (local); \$8750 AUD (international) per session
Location:	Wollongong
UOW Course Code:	695
CRICOS Code:	N/A

### Overview

This program is designed for those wishing to undertake a short program in engineering. Other qualifications, together with relevant professional experience, will be considered.

On completion of the Graduate Certificate, students can apply to transfer to the Master of Engineering Practice.

### Course Program

Subjects	Credit Points
<b>Core Subject</b>	
ENGG950 Innovation and Design	6
ENGG951 Engineering Project Management	6
ENGG952 Engineering Computing	6

Plus one elective subject from one of the Master of Engineering Practice programs.

## Graduate Certificate in Maintenance Management

Testamur Title of Degree:	Graduate Certificate in Maintenance Management
Abbreviation:	GCertMtcMgt
Home Faculty:	Faculty of Engineering
Duration:	6mths part-time equivalent
Total Credit Points:	24 credit points
Entry Requirements:	A Bachelor of Engineering degree from a recognised tertiary institution.
Delivery Mode:	Coursework
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8750 AUD (international) per session
Location:	Wollongong
UOW Course Code:	1134
CRICOS Code:	032520M

### Overview

This course is designed for those wishing to undertake a short program in Maintenance Management as a stepping stone to other awards. On completion of the Graduate Certificate, students can apply to transfer to the Master of Engineering Practice (Maintenance Management).

Four subjects are usually chosen from the Master of Engineering Practice (Maintenance Management) with approval from the Course Coordinator.

# Faculty of Health & Behavioural Sciences

## Courses Offered

### Research

Doctor of Philosophy  
Doctor of Philosophy (Clinical Psychology)  
Doctor of Public Health  
Master of Midwifery – Research  
Master of Nursing – Research  
Master of Science – Research  
Master of Science – Research (Psychology)

### Coursework (by Academic Unit)

#### Department of Biomedical Science

Master of Science

- Exercise Rehabilitation
- Nutrition
- Nutrition and Dietetics
- Nutrition/Dietetics and Exercise Rehabilitation
- Occupational Health and Safety

Graduate Diploma in Science

- Biomedical Science
- Exercise Rehabilitation
- Occupational Health and Safety

Graduate Certificate in Occupational Health and Safety

#### Department of Nursing

Master of Indigenous Health  
Master of Nursing  
Master of Nursing (Mental Health)  
Master of Science (Development Disability)  
Master of Science (Midwifery)  
Graduate Diploma in Indigenous Health  
Graduate Diploma in Science (Developmental Disability)  
Graduate Certificate in Developmental Disability  
Graduate Certificate in Indigenous Health  
Graduate Certificate in Mental Health Nursing  
Graduate Certificate in Nursing

#### Department of Psychology

Doctor of Psychology (Clinical)  
Master of Psychology (Clinical)  
Master of Science (Psychology)  
Postgraduate Diploma in Psychology  
Postgraduate Certificate in Professional Psychological Practice

#### Graduate School of Public Health

Master of Health Management  
Master of Public Health  
Master of Science

- Health Policy and Management
- Mental Health

Graduate Diploma in Public Health  
Graduate Diploma in Science

- Mental Health

Graduate Certificate in Health Management  
Graduate Certificate in Mental Health  
Graduate Certificate in Public Health

#### Smart Foods Centre

Master of Nutrition Management  
Master of Science (Nutrition Management)  
Graduate Certificate in Nutrition Management

## Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Health and Behavioural Sciences
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	48 cp per annum
Delivery Mode:	Supervised individual research
Starting Session(s):	Autumn, Spring
Standard Course Fee:	HECS exempt (Local); \$8350 AUD per session (International)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	00102E

### Overview

The Doctor of Philosophy provides the opportunity to pursue in-depth research. Candidates are expected to develop a research thesis that leads to an original and significant contribution to the knowledge in a particular field.

### Major Study Areas

Departments' research activities are in the areas of:

#### Biomedical Science

Anatomy  
Applied Cardiovascular Physiology  
Biomechanics  
Cardiovascular Pathophysiology  
Exercise Physiology  
Exercise Rehabilitation  
Functional Anatomy  
Human Thermoregulation and Performance  
Metabolic and Lipid Chemistry  
Molecular Neuroscience  
Motor Control  
Nutrition and Dietetics  
Occupational Health and Safety

#### Nursing

Accident and Emergency Nursing  
Developmental Disabilities  
Diabetes  
Economics and Health Care  
Evidence-Based Practice  
Introducing Research Findings into Clinical Practice  
Mental Health Nursing  
Midwifery Practice  
Physiological Nursing  
Wound Healing

#### Psychology

Psychophysiology  
Short-term Memory  
Visual Cognition  
Cognition Development  
Cognitive Neuroscience relating to Cognition (particularly memory, vision and development)  
Mental Health and Emotional Well-being

#### Public Health

Cardiovascular disease prevention  
Health behaviour change  
Environmental health  
Food choice  
Food policy  
Health information systems  
Health policy and regulation  
Health promotion  
Health services development and evaluation  
Health services management  
Health and society  
Public health nutrition

## Smart Foods Key Centre

### Nutrient Sources:

Plant biology and livestock growth and metabolism studies to provide leaner meat products and improve the delivery of beneficial nutrients into the food supply.

Identification of novel food plants and enhancement of nutrient levels/balance in plants, meat and eggs.

### Key Nutrients:

Laboratory and community based studies to examine actions and health benefits of fatty acids, antioxidants, phytoestrogens and other specific nutrients. Includes biochemical and physiological investigations into processes of oxidation and metabolism as they relate to heart, vascular and muscle function in health and disease.

### Bioavailability:

Facilities are in place for the identification and accurate measurement of nutrients in foods and the human body.

### Clever Cuisine:

Research aimed at bringing together beneficial macro and micronutrients into a whole cuisine optimised for metabolic fitness and prevention of conditions like diabetes, obesity, hypertension and cardiac disease.

### Consumer Insights:

Identification and understanding of factors that influence healthy food choices, including good policy, food labelling and consumer information sources combined with surveys of consumer preferences and sensory evaluation of foods.

## Entry Requirements / Assumed Knowledge

Candidates must have an Honours Bachelor degree of at least four years duration, and have achieved Honours Class 2 Division 2 or higher, or completed a Master by Research degree. In addition, a primary supervisor in the relevant academic unit must be identified prior to commencing the program. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening. Requirements are higher in some programs.

## Course Requirements

Study at the Doctoral level, usually for a minimum of 3 years full time, is by advanced research thesis. Potential candidates should discuss their research plan with the Postgraduate Research Coordinator of the School/Department, at which time the supervision arrangements of the School/Department will be outlined.

Rules and procedures for Doctoral degrees by Thesis are listed in the Course Rules. Doctoral candidates are urged to be familiar with the Code of Practice - Supervision and General Course Rules governing Thesis and Research Degrees including the regulations regarding preparation and submission of the thesis.

In the Graduate School of Public Health program, a detailed research proposal must be submitted for examination at about one third of the duration of the candidature. This examination must be passed successfully for the candidature to be allowed to continue, and must have taken place within 1 year of commencing the candidature (full time or part time equivalent).

## Course Program

Subject	Session	Credit Points
THES924 for full-time students or	Annual	48
THES912 for part-time students		24

## Doctor of Philosophy (Clinical Psychology)

Testamur Title of Degree:	Doctor of Philosophy in Psychology (Clinical)
Abbreviation:	PhD (Clin)
Home Faculty:	Health & Behavioural Sciences
Duration:	4-4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	Face-to-face
Starting Session(s):	Normally Autumn session
Standard Course Fee:	\$6000 per full-time session (local); \$9765 AUD per session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	003002G

## Overview

This program aims to equip candidates with both clinical and research training at high levels of expertise. The coursework and practical provide students with a comprehensive understanding of the principles governing psychological assessment and therapy, and clinical skills required to assess and treat clients with a wide variety of clinical conditions in both child and adult populations. Candidates also undertake in-depth research in order to make an original contribution to the body of knowledge in clinical psychology. The clinical training enables the candidate to practise as a clinical psychologist, and the research training can lead to or enhance an academic career and is highly regarded by public and private sector employers.

## Entry Requirements / Assumed Knowledge

Candidates must have a superior honours degree in Psychology of at least four years duration of Class II, Division 1 standard or higher. Entry is very competitive and is particularly suitable for students with PhD Scholarships. Applicants must submit two referees' reports, a personal statement, and attend a selection interview.

International students are required to have achieved an IELTS score of 6.5 overall, with at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

## Course Program

Subjects		Session	Credit Points
GHMC908	Professional Issues in Psychology	Spring	4
GHMC910	Child and Family Psychology	Autumn	4
GHMC919	Clinical Applications of Health Psychology	Autumn	4
GHMC926	Counselling Skills	Autumn	4
GHMC931	Clinical Neuropsychology	Autumn	4
GHMC932	Socio-cultural Aspects of Applied Psychology	Spring	4
GHMC934	Professional Workshop Series A	Autumn	4
GHMC939	Introduction to Cognitive Behavioural Therapy	Autumn	4
GHMC969	Advanced Cognitive Behavioural Therapy	Spring	8
GHMC970	Assessment and Psychopathology A	Autumn	8
GHMC971	Assessment and Psychopathology B	Spring	8
GHMC938	Practicum 1A	Autumn	4
GHMC942	Practicum 1B	Spring	4
GHMC943	Practicum 2A	Autumn	4
GHMC944	Practicum 2B	Spring	4
GHMC946	Research Project A	Autumn	8
GHMC981	Research Project C	Spring	16
THES924/	Thesis full-time students/	Annual	48
THES912	Thesis part-time students		24

## Professional Recognition

This program is accredited by the NSW Psychologists Registration Board for registration as a psychologists, by the Australian Psychological Society at 5<sup>th</sup> and 6<sup>th</sup> year level, and by the APS College of Clinical Psychologists.

## Doctor of Public Health

Testamur Title of Degree:	Doctor of Public Health
Abbreviation:	DPH
Home Faculty:	Faculty of Health & Behavioural Science
Duration:	3 years or part-time equivalent
Total Credit Points:	48 cp per annum
Delivery Mode:	Supervised individual research and face-to-face classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$8,350AUD per session (international)
Location:	Wollongong
UOW Course Code:	204
CRICOS Code:	00102E

## Overview

The Doctor of Public Health is a professional doctorate degree granted on successful completion of an approved program of coursework, in addition to an independent and original investigation of a significant problem in public health and the presentation of the research as an acceptable thesis. This degree prepares students for leadership positions in the health sector that require advanced analytical or conceptual capabilities. Students should consult the information under the Doctor of Philosophy for information about the department's research areas.

## Entry Requirements / Assumed Knowledge

To qualify for entry to the program, candidates must have a Master of Public Health degree or equivalent, usually at credit level or higher, or an Honours Bachelor degree of at least Class II, Division 2 standard in a relevant discipline, followed by the equivalent of one year of full-time relevant and approved postgraduate study.

Students should preferably have two or more years of appropriate professional experience and have demonstrated potential capacity for leadership in the area of specialisation. Applicants should submit a record of professional experience and names of two appropriate referees. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

## Course Requirements

The DPH usually takes three years of full-time study. It includes a coursework component and a research component. There will be no advanced standing granted for previous graduate study at Masters level. The coursework involves a maximum of one year of full-time study (48 credit points) in both required and elective courses. The research component of the program involves at least two years of full-time enrolment, undertaking a thesis following completion of the coursework component. Progression to the research component requires the development of a suitable research proposal, at the end of which the student sits a qualifying examination. On successful completion of the qualifying examination, the student undertakes the research under supervision. At the end of this period the student will submit a thesis for examination under the regulations for Doctoral Theses of the University. Individual coursework programs should be decided in conjunction with the intended supervisor for the research and the Head of School. The coursework must be passed with a credit average mark to allow progression into the research component of the course.

Applicants who have not had a background in public health may be advised to take the four core subjects listed below. Some applicants may be advised to undertake specialised programs in preparation for their research.

## Course Program

Subjects (by year)	Session	Credit Points
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
GHMD904 Epidemiology	Spring	6
GHMD984 Health Research Methodology	Spring	6
THES924 Thesis for full-time students	Annual	48
THES912 Thesis for part-time students		24
Full-time students are required to submit their theses no later than eight academic sessions from the date of candidature.		

## Other Information

Through an agreement with the School of Public Health, University of California (Berkeley), it is expected that selected Doctor of Public Health students will be able to spend one session at the University of California (Berkeley) advancing research and/or coursework interests which are part of their approved program of study.

## Master of Midwifery - Research

Testamur Title of Degree:	Master of Midwifery - Research
Abbreviation:	MMid-Res
Home Unit/ Faculty:	Department of Nursing/ Health & Behavioural Sciences
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72 credit points
Delivery Mode:	Day
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (Domestic); 8350 AUD per session (International)
Location:	Wollongong
UOW Course Code:	1308
CRICOS Code:	044410G

## Overview

The Master of Midwifery – Research is intended to provide candidates with the opportunity to pursue a research program in a specialised field of midwifery. Interdisciplinary supervision will be encouraged so that a student may have (for instance) a supervisor who is a midwife/nurse academic and another with expertise in an appropriate associated discipline.

## Entry Requirements / Assumed Knowledge

Research applicants must hold a qualification that would demonstrate their authority to practice as a Registered Midwife within Australia (or provide evidence of equivalent international midwifery registration). Applicants must also demonstrate the minimum tertiary qualifications of a 3 year Bachelor of Nursing degree (or equivalent)

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

To successfully complete the Master of Midwifery - Research, the candidate will be required to undertake the coursework research preparation program outlined below, before enrolling in the 48 credit point Major Thesis. Recognition of the candidate's prior learning will be considered if able to demonstrate possession of relevant qualifications.

## Course Program

Subjects (by year)	Session	Credit Points
THES924 Thesis for full-time students	Annual	48
THES912 Thesis for part-time students		24
<b>Core subjects</b>		
GHMB950 Reflective Practice 1	Autumn or Spring	6
GHMD984 Health Research Methodology	Spring	6
GHMB953 Special Topic in Nursing	Autumn or Spring	6
<b>Elective – choose one elective from:</b>		
GHMD983 Statistics in Health Research	Autumn	6
GHMB951 Reflective Practice 2	Autumn or Spring	6

## Other Information

Further information is available from: Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au) .  
 Ms Moira Williamson, Coordinator, Master of Science (Midwifery), +61 2 4221 3381 or [moiraw@uow.edu.au](mailto:moiraw@uow.edu.au)  
 Uniadvice 1300 367 869. Visit our website: <http://www.uow.edu.au/health/nursing> .

## Master of Nursing - Research

Testamur Title of Degree:	Master of Nursing - Research
Abbreviation:	MNurs-Res
Home Unit/ Faculty:	Department of Nursing/ Health & Behavioural Sciences
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72 credit points
Delivery Mode:	Day/Evening/Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (Domestic); 8350 AUD per session (International)
Location:	Wollongong
UOW Course Code:	1310
CRICOS Code:	042634G

## Overview

The aims of the program are to prepare nurses for senior roles in nursing and in the health care system, to prepare candidates for competence in research methods and design, and to provide the candidates with important current evidence based health care and nursing content information. Students should consult the information under the Doctor of Philosophy for information about the department's research areas.

## Entry Requirements / Assumed Knowledge

Applicants must hold a qualification in Nursing which will enable them to gain authority to practice as a Registered Nurse as well as a Bachelor degree in Nursing, the Graduate Certificate in Nursing, a Bachelor of Nursing (Honours) Class II, Division 2, or a Master of Nursing degree or equivalent. Applicants who do not possess a Bachelor degree in Nursing may gain entry to the Master of Nursing – Research program by successfully completing a Graduate Certificate in Nursing with content arranged with advice from the Postgraduate Coordinator.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

The candidate is required to undertake 72 credit points to successfully complete the Master of Nursing - Research. It is expected that all candidates will undertake the coursework preparation program outlined below, before enrolling in the thesis, unless they can demonstrate that they possess the relevant skills and knowledge.



## Course Program

Subjects (by year)		Session	Credit Points
THES924	Thesis for full-time students	Annual	48
THES912	Thesis for part-time students		24
<b>Core subjects</b>			
GHMB950	Reflective Practice 1	Autumn or Spring	6
GHMD984	Health Research Methodology	Spring	6
GHMB953	Special Topic in Nursing	Autumn or Spring	6
<b>Elective – choose one elective from:</b>			
GHMD983	Statistics in Health Research	Autumn	6
GHMB951	Reflective Practice 2	Autumn or Spring	6

Candidates must also complete on-line TCHRO21 Statistical Literacy or demonstrate statistical literacy as a pre-requisite for enrolling in GHMD984.

## Other Information

Further information is available from: Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au). Uniadvice 1300 367 869. Visit our website: <http://www.uow.edu.au/health/nursing>.

## Master of Science - Research

Testamur Title of Degree:	Master of Science -Research
Abbreviation:	MSc-Res
Home Faculty:	Health and Behavioural Sciences
Duration:	1.5 years full-time
Total Credit Points:	72
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	HECS exempt (Local); \$8350 AUD per session (International)
Location:	Wollongong
UOW Course Code:	1304
CRICOS Code:	042633G

## Overview

The Master of Science (Research) provides the opportunity to pursue independent research in fields including biomedical science, exercise science, exercise rehabilitation, nutrition and dietetics, and public health. Students should consult the information under the Doctor of Philosophy for information about each department's research areas.

## Entry Requirements / Assumed Knowledge

Normally students must have an honours degree of at least four years duration of Class II, Division 2 standard in a relevant discipline. International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

## Advanced Standing

Advanced standing for the coursework component may be granted to those who have completed an appropriate Bachelor (Honours) Degree.

## Course Requirements

All candidates for this program must present a research seminar in each enrolled year, take part in a research proposal and defence process, and submit a written research thesis.

Students entering the program with an Honours Bachelor degree with at least Class II, Division 2 are required to complete a research thesis to the value of 48 credit points.

Students who do not have an Honours Bachelor degree with at least Class II, Division 2 must complete 24 credit points of coursework research methodology and as well as complete a 48 credit point major thesis.

In The Graduate School of Public Health program, a detailed research proposal must be submitted for examination at about one third of the duration of the candidature. This examination must be passed successfully for the candidature to be allowed to continue.

**Course Program (Biomedical Science)**

Subjects (by year)		Session	Credit Points
GHMA906	Research Project	Autumn/ Spring/ Annual/	8
GHMA913	Special Topics	Autumn/ Spring/ Annual	8
GHMA909	Practicum	Autumn/ Spring/ Annual	8
THES924	Thesis for full-time students	Annual	48
THES912	Thesis for part-time students		24

**Course Program (Public Health)**

Subjects (by year)		Session	Credit Points
GHMD983	Statistics in Health Research	Autumn	6
GHMD904	Epidemiology	Spring	6
GHMD984	Health Research Methodology	Spring	6
THES924	Thesis for full-time students	Annual	48
THES912	Thesis for part-time students		24

**Professional Recognition**

Master of Science (Research) is recognised as an entry qualification for a PhD program in most disciplines in Australia and other countries.

**Master of Science – Research (Psychology)**

Testamur Title of Degree:	Master of Science -Research
Abbreviation:	MSc-Res
Home Faculty:	Health and Behavioural Sciences
Duration:	2 years full-time
Total Credit Points:	72
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	HECS exempt (Local); \$8350 AUD per session (International)
Location:	Wollongong
UOW Course Code:	1304
CRICOS Code:	044405D

**Overview**

The Master of Science (Research) provides the opportunity to pursue research in psychology. Students should consult the information under the Doctor of Philosophy for information about the department's research areas.

**Entry Requirements / Assumed Knowledge**

Students must have an honours degree of at least four years duration of Class II, Division 2 standard in a relevant discipline. It is possible to admit only a limited number of students each year. If the number of applicants exceeds the quota, admission will be based on academic qualifications.

International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

**Course Requirements**

All candidates for this program must present a research seminar in each enrolled year, take part in a research proposal and defence process, and submit a written research thesis.

Students entering the program with an Honours Bachelor degree with at least Class II, Division 2 are required to complete a research thesis to the value of 48 credit points.

Students who do not have an Honours Bachelor degree with at least Class II, Division 2 must complete 24 credit points of coursework, research methodology and as well as complete a 48 credit point major thesis.

**Course Program**

Subjects	Session	Credit Points
GHMC946 Research Project A	Autumn	8
GHMC947 Research Project B	Spring	16
THES924 for full-time students or THES912 part-time		48

## Professional Recognition

Master of Science (Research) is recognised as an entry qualification for a PhD program in most disciplines in Australia and other countries.

## Department of Biomedical Science

### Master of Science (Exercise Rehabilitation)

Testamur Title of Degree:	Master of Science (Exercise Rehabilitation)
Abbreviation:	MSc
Home Faculty:	Health and Behavioural Sciences
Duration:	1.5 years full-time
Total Credit Points:	72 cp
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	4800 per session (local); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	026169E

## Overview

The Master of Science (Exercise Rehabilitation) aims to produce professional exercise scientists who can utilise exercise to prevent and rehabilitate disease and injury in the broad community.

## Entry Requirements / Assumed Knowledge

A Bachelor degree in Exercise Science or Human Movement of at least 3 years duration from a recognised tertiary institution with a credit average across all completed subjects.

International students are required to have achieved an IELTS score of 6.5, with a level of at least 6 in all bands, reading and writing, speaking and listening.

## Course Requirements

The Master of Science (Exercise Rehabilitation) is comprised of 72 credit points of subjects and can be taken as 1.5 years full-time or 3 years part-time study.

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

## Course Program

Subjects (by year)		Session	Credit Points
<b>Year 1</b>			
BEXS411	Practicum in Exercise Science A	Autumn	8
BEXS451	Exercise Rehabilitation 1: Musculoskeletal	Autumn	8
BEXS452	Exercise Rehabilitation 2: Cardiorespiratory and Neurological	Autumn	8
BEXS402	Exercise in Special Populations	Spring	8
BEXS412	Practicum in Exercise Science B	Spring	8
BMS303	Research Topics in Exercise Science	Spring	8
<b>Year 2</b>			
GHMA997	Major Project	Autumn/ Spring	24

## Professional Recognition

Graduates holding the Master of Science (Exercise Rehabilitation) may gain full membership of AAESS after completing a period of supervised work experience and be eligible for accredited membership following 1000 hours of post-graduation employment.

## Master of Science (Nutrition)

Testamur Title of Degree:	Master of Science (Nutrition)
Abbreviation:	MSc
Home Faculty:	Health and Behavioural Sciences
Duration:	1.5 years full-time
Total Credit Points:	72 cp
Delivery Mode:	Face-to-Face
Starting Session(s):	Autumn
Standard Course Fee:	4800 per session (local); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	007054G

### Overview

The Master of Science (Nutrition) program provides access to the academic and research experience of the MSc (Nutrition and Dietetics) program but excludes the placement program and so is not accredited by the DAA. It is particularly suitable for students interested in a nutrition research career, or nutrition work in other countries that do not require professional dietetic recognition.

### Entry Requirements / Assumed Knowledge

A Bachelor degree (incorporating a full year of study of both biochemistry and physiology) of at least 3 years duration from a recognised tertiary institution, or equivalent. Entry is competitive. It is possible to admit only a limited number of students each year. If the number of applicants exceeds the quota, admission will be based on academic qualifications.

International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

### Advanced Standing

The Master of Science (Nutrition) comprises the first 18 months of the MSc (Nutrition and Dietetics) degree.

### Course Requirements

The Master of Science (Nutrition) is comprised of 72 credit points of subjects and can be taken as 1.5 years full-time or 3 years part-time enrolment.

### Course Program

Subjects (by year)		Session	Credit Points
<b>Year 1</b>			
GHMA930	Community and Public Health Nutrition	Autumn	8
GHMA931	Nutrients and Metabolism	Autumn	8
GHMA932	Research in Human Nutrition	Autumn	8
GHMA997*	Major Project	Spring	24
* or 24 cp of course work approved by the coordinator			
<b>Year 2</b>			
GHMA933	Communication in Health Care Practice	Autumn	8
GHMA934	Dietetics	Autumn	8
GHMA935	Food Service and Dietetics Management	Autumn	8

### Credit Towards Other Courses

The Master of Science (Nutrition) comprises the first 18 months of the Master of Science (Nutrition and Dietetics).

## Master of Science (Nutrition and Dietetics)

Testamur Title of Degree:	Master of Science (Nutrition and Dietetics)
Abbreviation:	MSc(N&D)
Home Faculty:	Health and Behavioural Sciences
Duration:	2 years full-time
Total Credit Points:	96 cp
Delivery Mode:	Face-to-Face
Starting Session(s):	Autumn
Standard Course Fee:	\$4800 per session (local); \$7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	007054G

## Overview

The Master of Science (Nutrition and Dietetics) consists of coursework and placements and develops knowledge and skills required by nutritionists/dietitians working in a variety of community and public health settings, hospitals and other tertiary health care facilities.

## Entry Requirements / Assumed Knowledge

A Bachelor degree (incorporating a full year of study of both biochemistry and physiology) of at least 3 years duration from a recognised tertiary institution, or equivalent. Entry is competitive.

It is possible to admit only a limited number of students each year. If the number of applicants exceeds the quota, admission will be based on academic qualifications.

International students are required to have achieved an IELTS score of 6.5, with a level of at least 6 in all bands, reading and writing, speaking and listening.

## Advanced Standing

Depending on their undergraduate degree, students can apply for advanced standing for up to 24 credit points, which would allow completion in 18 months of full-time study.

## Course Requirements

The Master of Science (Nutrition and Dietetics) is comprised of 72 credit points of subjects and can be taken as 2 years full-time or part-time equivalent.

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

## Course Program

Subjects (by year)		Session	Credit Points
Year 1			
GHMA930*	Community and Public Health Nutrition	Autumn	8
GHMA931*	Nutrients and Metabolism	Autumn	8
GHMA932*	Research in Human Nutrition	Autumn	8
GHMA997	Major Project	Spring	24
Year 2			
GHMA933	Communication in Health Care Practice	Autumn	8
GHMA934	Dietetics	Autumn	8
GHMA935	Food Service and Dietetics Management	Autumn	8
GHMA937	Practical Studies in Nutrition and Dietetics	Spring	24

\* Graduates of the BSc (Nutrition degree may apply for advanced standing in these subjects.

## Professional Recognition

Graduates holding the Master of Science (Nutrition and Dietetics) are eligible for membership of the Dietitians Association of Australia (DAA) and may be employed as nutritionists/dietitians in Australia and certain overseas countries.

## Master of Science (Nutrition/Dietetics and Exercise Rehabilitation)

Testamur Title of Degree:	Master of Science (Nutrition/Dietetics and Exercise Rehabilitation)
Abbreviation:	MSc(ND&ER)
Home Faculty:	Health and Behavioural Sciences
Duration:	2 years full-time
Total Credit Points:	104 cp
Delivery Mode:	Face-to-Face
Starting Session(s):	Autumn
Standard Course Fee:	4800 per session (local); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	026169E

## Overview

The Master of Science (Nutrition/Dietetics and Exercise Rehabilitation) is designed to meet core fields of competency defined by the dietetics and exercise science professions, including key areas of clinical dietetics practice, community and public health nutrition, food service systems management, exercise prescription, exercise rehabilitation and clinical practicum studies.

## Entry Requirements / Assumed Knowledge

A Bachelor degree in Exercise Science and Nutrition of at least 3 years duration from a recognised tertiary institution. Applicants with other undergraduate degree backgrounds may need to complete additional study prior to entry into this degree. Entry is highly competitive.

International students are required to have achieved an IELTS score of 6.5, with a level of at least 6 in all bands, reading and writing, speaking and listening.

## Course Requirements

The Master of Science (Nutrition/Dietetics and Exercise Rehabilitation) is comprised of 104 credit points of subjects and can be taken as 2 years full-time or part-time equivalent.

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

## Course Program

Subjects (by year)		Session	Credit Points
<b>Year 1</b>			
BEXS451	Exercise Rehabilitation 1: Musculoskeletal	Autumn	8
BEXS452	Exercise Rehabilitation 2: Cardiorespiratory & Neurological	Autumn	8
GHMA935	Food Service and Dietetics Management	Autumn	8
BEXS411	Practicum in Exercise Science A	Annual	8
BEXS402	Exercise in Special Populations	Autumn	8
BMS304	Research Topics in Nutrition and Dietetics	Spring	16
<b>Year 2</b>			
BEXS412	Practicum in Exercise Science B	Annual	8
GHMA934	Dietetics	Autumn	8
GHMA929	Exercise Psychology and Dietary Counselling	Autumn	8
GHMA937	Practical Studies in Nutrition and Dietetics	Spring	24

GHMA930 Community and Public Health Nutrition must also be completed if not passed in an undergraduate program (BMS310).

## Professional Recognition

The Master of Science (Nutrition/Dietetics and Exercise Rehabilitation) is designed to provide a dual qualification recognised by both the Dietitians Association of Australia (DAA) and the Australian Association for Exercise and Sports Science (AAESS). Such recognition will allow graduates to attain accreditation as both professional dietitians and exercise science practitioners.

## Master of Science (Occupational Health and Safety)

Testamur Title of Degree:	Master of Science (Occupational Health and Safety)
Abbreviation:	GCertOHS
Home Faculty:	Health and Behavioural Sciences
Duration:	1.5 years full-time
Total Credit Points:	72 cp
Delivery Mode:	Face-to-Face
Starting Session(s):	Autumn
Standard Course Fee:	4800 per session (local); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	FP574
CRICOS Code:	048497G

## Overview

The Master of Science (Occupational Health and Safety) provides an intensive professional program of study in the area of OH&S with the opportunity to develop a specialisation in either Occupational and Environmental Health or OH&S Management. This degree also allows students to develop research skills related to professional practice in OH&S.

## Entry Requirements / Assumed Knowledge

A three-year undergraduate degree or a Graduate Diploma (in an area other than OH&S) and related work experience or a Graduate Diploma in Science (OH&S/Rehabilitation) from the University of Wollongong.

International students are required to have achieved an IELTS score of 6.5, with a level of at least 6 in all bands, reading and writing, speaking and listening.

## Course Requirements

The Master of Science (Occupational Health and Safety) is comprised of 72 credit points of subjects and can be taken as 1.5 years full-time or part-time equivalent.

## Course Program

Subjects (by year)	Session	Credit Points
GHMA921 Workplace Injury Management	Autumn	6
LAW969 OH&S Law	Autumn	6
GHMA920 Behavioural Change: Human Factors in OH&S	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
GHMA914 Ergonomics	Autumn	8
GHMA923 OH&S Risk Management	Spring	6
GHMA922 Occupational Hygiene and Toxicology	Spring	6
MGMT963 Management of OH&S	Spring	6
Plus 24 cp of electives from either Group A and/or Group B		
<b>Group A: Occupational &amp; Environmental Health &amp; Safety Stream</b>		
BMS302 Research Topics	Autumn	8
GHMD986 Environmental Health	Autumn	6
GHMD903 Public Health Communication and Data Skills	Autumn/ Spring	6
GHMD912 Health Promotion	Spring	6
GHMD984 Health Research Methodology	Spring	6
GHMA925 Manual Handline	Spring	6
GHMA926 Workplace Assessments	Summer	6
<b>Group B: OH&amp;S Management Stream</b>		
MGMT908 Human Resources Development	Autumn	6
MGMT915 Leading Organisational Change: Framing the Management of Change	Spring	6
MGMT911 Leadership and Team Dynamics	Spring	6
MGMT933 Human Resource Development	Spring	6
MGMT920 Organisational Analysis	Spring	6

## Graduate Diploma in Science (Biomedical Science)

Testamur Title of Degree:	Graduate Diploma in Science (Biomedical Science)
Abbreviation:	GDipSc
Home Faculty:	Health and Behavioural Sciences
Duration:	1 year full-time
Total Credit Points:	48 cp
Delivery Mode:	Face to face
Starting Session(s):	Autumn
Standard Course Fee:	4800 per session (local); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	650
CRICOS Code:	002508M

## Overview

The Graduate Diploma in Science (Biomedical Science) is designed to give graduate further training in one of the discipline areas of biomedical science.

## Entry Requirements / Assumed Knowledge

Entry into the Graduate Diploma in Science (Biomedical Science) requires the successful completion of a Bachelor degree with emphasis in the biomedical science of at least 3 years duration from a recognised tertiary institution.

It is possible to admit only a limited number of students each year. If the number of applicants exceeds the quota, admission will be based on academic qualifications.

International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

## Course Requirements

The Graduate Diploma in Science (Biomedical Science) is comprised of 48 credit points of subjects and can be taken as a one year full-time, or 2 years part-time enrolment.

As the program is designed specifically for each student's needs, subjects should be selected in consultation with an academic adviser and approved by the Head of Department. Students may choose subjects from discipline areas including anatomy, physiology, biochemistry, exercise physiology and nutrition.

### Course Program

Subjects (by year)	Session	Credit Points
BEXS411 Practicum in Exercise Science A	Autumn	8
BEXS451 Exercise Rehabilitation 1: Musculoskeletal	Autumn	8
BEXS452 Exercise Rehabilitation 2: Cardiorespiratory and Neurological	Autumn	8
BEXS402 Exercise Science for Special Populations	Spring	8
BEXS412 Practicum in Exercise Science B	Spring	8
BMS303 Research Topics in Exercise Science	Spring	8

## Graduate Diploma in Science (Exercise Rehabilitation)

Testamur Title of Degree:	Graduate Diploma in Science (Exercise Rehabilitation)
Abbreviation:	GDipSc
Home Faculty:	Health and Behavioural Sciences
Duration:	1 year full-time
Total Credit Points:	48 cp
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	\$4800 per session (local); \$7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	650
CRICOS Code:	002508M

### Overview

The Graduate Diploma in Science (Exercise Rehabilitation) focuses on the utilisation of exercise as a means of improving health and fitness, and rehabilitating injured tissues and/or systems.

### Entry Requirements / Assumed Knowledge

Entry into the Graduate Diploma in Science (Exercise Rehabilitation) requires the successful completion of a Bachelor degree in or Human Movement of at least 3 years duration from a recognised tertiary institution.

It is possible to admit only a limited number of students each year. If the number of applicants exceeds the quota, admission will be based on academic qualifications.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

### Course Requirements

The Graduate Diploma in Science (Exercise Rehabilitation) is comprised of 48 credit points of subjects and can be taken as a one year full-time, or 2 years part-time enrolment.

### Course Program

Subjects (by year)	Session	Credit Points
BEXS411 Practicum in Exercise Science A	Autumn	8
BEXS451 Exercise Rehabilitation 1: Musculoskeletal	Autumn	8
BEXS452 Exercise Rehabilitation 2: Cardiorespiratory and Neurological	Autumn	8
BEXS402 Exercise Science for Special Populations	Spring	8
BEXS412 Practicum in Exercise Science B	Spring	8
BMS303 Research Topics in Exercise Science	Spring	8

### Professional Recognition

Graduates of the Graduate Diploma in Science (Exercise Rehabilitation) may gain full membership of AAESS after completing a period of supervised work experience, and may apply for accredited membership following 1000 hours of paid employment.



## Graduate Diploma in Science (Occupational Health and Safety)

Testamur Title of Degree:	Graduate Diploma in Science (Occupational Health and Safety)
Abbreviation:	GDipSc(OHS)
Home Faculty:	Health and Behavioural Sciences
Duration:	1 year full-time
Total Credit Points:	48 cp
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	4800 per session (local); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	650
CRICOS Code:	N/A

### Overview

The Graduate Diploma in Science (Occupational Health and Safety) is designed to provide students with comprehensive core knowledge in OH&S, with additional elective subjects to meet particular, or more specialised, career aspirations such as OH&S management.

### Entry Requirements / Assumed Knowledge

A 3 year undergraduate degree from a recognised tertiary institution or the Graduate Certificate in OH&S from the University of Wollongong.

International students are required to have achieved an IELTS score of 6.5, with a level of at least 6 in all bands, reading and writing, speaking and listening.

### Course Requirements

The Graduate Diploma in Science (Occupational Health and Safety) is comprised of 48 credit points of subjects and can be taken as one year full-time or 2 years part-time enrolment.

### Course Program

Subjects (by year)	Session	Credit Points
GHMA921 Workplace Injury management	Autumn	6
LAW969 OH&S Law	Autumn	6
GHMA920 Behavioural Change: Human Factors in OH&S	Autumn	6
GHMA922 Occupational Hygiene and Toxicology	Spring	6
MGMT963 Management of OH&S	Spring	6
GHJMA923 OH&S Risk Management	Spring	6
Plus 12 credit points of subjects chosen from A or B		
<b>A: Occupational and Environmental Health and Safety stream</b>		
GHMD983 Statistics in Health Research	Autumn	6
GHMD986 Environmental Health	Autumn	6
GHMD912 Health Promotion	Spring	6
GHMD984 Health Research Methodology	Spring	6
GHMA925 Manual Handling	Spring	6
GHMA926 Workplace Assessments	Summer	6
<b>B: OH&amp;S Management stream</b>		
MGMT908 Human Resource Development	Autumn	6
MGMT915 Leading Organisational Change: Framing the Management of Change	Spring	6
MGMT911 Leadership and Team Dynamics	Spring	6
MGMT920 Organisational Analysis	Spring	6
MGMT933 Organisational Design: tools and Techniques	N/O 2004	6
MGMT953 Human Resource Management	N/O 2004	6

### Credit Towards Other Courses

The Graduate Diploma in Science (Occupational Health and Safety) will count towards entry into the Master of Science (OH&S)

## Graduate Certificate in Occupational Health and Safety

Testamur Title of Degree:	Graduate Certificate in Occupational Health and Safety
Abbreviation:	GCertOHS
Home Faculty:	Health and Behavioural Sciences
Duration:	1 year part-time
Total Credit Points:	24 cp
Delivery Mode:	Face-to-Face
Starting Session(s):	Autumn
Standard Course Fee:	\$4800 per session (local); \$7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	1135
CRICOS Code:	N/A

### Overview

The Graduate Certificate in Occupational Health and Safety course provides an entry point for students with relevant work experience, but limited formal qualifications in OH&S. The course is designed to permit students to transfer to either the Graduate Diploma in Science (Occupational Health and Safety) or the Master of Science (Occupational Health and Safety) after completion of its academic requirements.

### Entry Requirements / Assumed Knowledge

A 3 years Bachelors degree from a recognised tertiary institution or equivalent, TAFE Certificate in Workplace Safety or NCSA Diploma with two years work experience in OH&S.

International students are required to have achieved an IELTS score of 6.5, with a level of at least 6 in all bands, reading and writing, speaking and listening.

### Course Requirements

The Graduate Certificate in Occupational Health and Safety course is comprised of 24 credit points of subjects and can be taken as a one session full-time enrolment or 1 year part-time.

### Course Program

Subjects (by year)	Session	Credit Points
GHMA921 Workplace Injury Management	Autumn	6
LAW969 Occupational Health and Safety Law	Autumn	6
GHMA922 Occupational Hygiene and Toxicology	Spring	6
MGMT963 Management of Occupational Health and Safety	Spring	6

### Credit Towards Other Courses

The Graduate Certificate in Occupational Health and Safety course is designed to permit students to transfer to either the Graduate Diploma in Science (Occupational Health & Safety) or the Master of Science (Occupational Health & Safety) after completion.

## Department of Nursing

### Master of Indigenous Health

Testamur Title of Degree:	Master of Indigenous Health
Abbreviation:	MIndHealth
Home Faculty:	Health & Behavioural Sciences
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72 cp
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS (Domestic); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	589
CRICOS Code:	031165M

### Overview

This program is designed to prepare those involved in Indigenous Health, or Health Workers in Indigenous Health, for clinical and administrative leadership roles in the health care system.

The program emphasises independent study and enquiry, and is structured for planned and consistent integration of theory with practical skills and competencies.

### Entry Requirements / Assumed Knowledge

A Bachelor degree of at least three years duration or Graduate Diploma, or equivalent, from a recognised tertiary institution. Recognition is given for relevant work experience and prior learning.

### Course Requirements

Students complete a program of 72 credit points, including the Graduate Diploma in Indigenous Health (48 credit points):

### Course Program

Subjects (by year)	Session	Credit Points
GHMB940 Indigenous Family Studies	Autumn	6
GHMB943 Health and Human Ecology	Autumn	6
GHMB941 Indigenous Health Patterns	Spring	6
GHMB944 Community Health Resource Planning	Spring	6
GHMB942 Special Topic	Autumn/ Spring	12
<i>Plus electives to the value of 12 credit points chosen in consultation with the Course Coordinator, plus:</i>		
GHMB998 Minor Thesis	Autumn/ Spring	24

### Other Information

Ms Robyn Williams, Postgraduate Indigenous Health Coordinator +61 2 4221 3576 or [williams@uow.edu.au](mailto:williams@uow.edu.au) .

Uniadvice 1300 367 869.

Visit our website: <http://www.uow.edu.au/health/nursing>

## Master of Nursing

Testamur Title of Degree:	Master of Nursing
Abbreviation:	MNurs
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year or part-time equivalent
Total Credit Points:	48 credit points
Delivery Mode:	Day/Evening/Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	3720 per F/T session (Domestic); 7550 AUD per session (International)
Location:	Wollongong
UOW Course Code:	583
CRICOS Code:	009251G

### Overview

The Master of Nursing is designed to prepare nurses for senior roles in nursing and in the health care system. It is a program of either selected coursework, or by a combination of coursework and a major project.

The aims of the program are to prepare candidates with beginning competence in research methods and design and provide candidates with important current evidence based health care and nursing information. The main objectives are to provide an academic avenue for professional development, and a knowledge and comprehension of research methods and design and of evidence based practice.

### Entry Requirements / Assumed Knowledge

A Bachelor degree in Nursing of at least three years' duration or a Graduate Certificate in Nursing from a recognised tertiary institution.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

### Course Requirements

The Master of Nursing is a 48 credit point program that may consist entirely of coursework or may be a combination of coursework and a major project. There are four core subjects that all students must complete (24 credit points); the remaining 24 credit points can be made up from the elective subject list below; or the student may elect to complete their program by undertaking a research project (Major Project).

## Course Program

Subjects (by year)	Session	Credit Points
<b>Core subjects</b>		
GHMB950 Reflective Practice 1	Autumn or Spring	6
GHMB951 Reflective Practice 2	Autumn or Spring	6
GHMB923 Legal and Professional Issues	Autumn	6
GHMD984 Health Research Methodology	Spring	6
<b>Elective subjects</b>		
GHMB902 Nursing Management	Autumn or Spring	6
GHMB903 Scientific and Quantitative Development in Acute Care Nursing	Autumn or Spring	6
GHMB906 Acute Care Nursing: Reflections on Practice	Autumn or Spring	6
GHMB907 Fundamental Concepts in Developmental Disability	Autumn	6
GHMB908 Applied Behavioural Science for Developmental Disability Practice	Spring	6
GHMB910 Contemporary Issues in Developmental Disability	Spring	6
GHMB954 Studies in Alcohol and Other Drugs	Autumn	6
GHMD904 Epidemiology	Spring	6
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD908 Health Services Planning and Evaluation	Spring	6
GHMD909 Comparative Health Systems	Autumn	6
GHMD912 Health Promotion	Spring	6
GHMD924 Health Information Systems	Autumn	6
GHMD925 Aboriginal Health Issues		6
GHMD936 Public Health Nutrition	Autumn	6
<i>Students who elect to undertake research enrol in:</i>		
GHMB997 Major Project	Autumn or Spring	24

Candidates must also complete on-line TCHR021 Statistical Literacy or demonstrate statistical literacy as a pre-requisite for enrolling in GHMD984.

## Other Information

Further information is available from: Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au) .  
Uniadvise 1300 367 869. Visit our website: <http://www.uow.edu.au/health/nursing> .

## Master of Nursing (Mental Health)

Testamur Title of Degree:	Master of Nursing (Mental Health)
Abbreviation:	MNursMntHlth
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year or part-time equivalent
Total Credit Points:	48 credit points
Delivery Mode:	Day/Flexible
Starting Session(s):	Autumn
Standard Course Fee:	3720 per FT session (Domestic); 7950 AUD per session (International )
Location:	Wollongong and off-campus by distance education
UOW Course Code:	583
CRICOS Code:	009251G

## Overview

The Master of Nursing (Mental Health) is designed for a practitioner commencing the specialty of mental health nursing.

## Entry Requirements / Assumed Knowledge

A Bachelor degree in Nursing of at least three years' duration from a recognised tertiary institution or successful completion of the Graduate Certificate in Mental Health Nursing, and qualification to practise as a Registered Nurse in NSW or equivalent.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

The candidate is required to undertake 48 credit points to successfully complete the Master of Nursing (Mental Health).

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

## Course Program

Subjects (by year)	Session	Credit Points
<b>Core subjects</b>		
GHMB989 Mental Health Nursing: Clinical Principles & Practice	Annual	12
GHMB950 Reflective Practice 1	Autumn or Spring	6
GHMB954 Studies in Alcohol and Other Drugs	Autumn	6
GHMB902 Nursing Management	Autumn or Spring	6
GHMD971 Assessment & Diagnosis in Mental Health	Autumn	6
GHMD973 Case Management in Mental Health	Spring	6
GHMD965 Principles and Practices of Psychosocial Rehabilitation	Autumn	6

## Other Information

Further information is available from: Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au).  
 Dr Janette Curtis, Course Coordinator, +61 2 4221 3467 or [jcurtis@uow.edu.au](mailto:jcurtis@uow.edu.au). Uniadvice 1300 367 869.  
 Visit our website: <http://www.uow.edu.au/health/nursing>.

## Master of Science (Developmental Disability)

Testamur Title of Degree:	Master of Science (Developmental Disability)
Abbreviation:	MSc(DD)
Home Faculty:	Health & Behavioural Sciences
Duration:	Additional 6 months following completion of the Graduate Diploma
Total Credit Points:	24 credit points (above the 48 credit points completed in the Graduate Diploma in Science (Developmental Disability) (Currently under review)
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$3720 per FT session (Domestic); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	N/A

## Overview

This multidisciplinary program is designed for health and education professionals who provide direct care for people with developmental disabilities. It aims to provide an appropriate theoretical and conceptual framework for practice and access to contemporary information relating to developmental disability. The course consists of specialist developmental disability subjects and electives. Emphasis is on applying theoretical, research-based knowledge to practice in the developmental disability field.

## Entry Requirements / Assumed Knowledge

Successful completion of the University of Wollongong's Graduate Diploma in Science (Developmental Disability).

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

Students enrolling in the Master of Science (Developmental Disability) already will have completed the 48 credit point Graduate Diploma in Science (Developmental Disability). The candidate is required to undertake a further 24 credit points of subjects to successfully complete the Master of Science (Developmental Disability). Students undertake a research project on an aspect of developmental disability that consolidates earlier studies in developmental disability and research methodology.

## Course Program

Following completion of the requirements for the Graduate Diploma in Science (Developmental Disability) students enrol in:

Subjects (by year)	Session	Credit Points
GHMB998 Minor Thesis	Autumn or Spring or Annual	24

## Other Information

Further information is available from: Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au).  
 Ms Isla Bowen, Course Coordinator, +61 2 4221 3470 or [isla\\_bowen@uow.edu.au](mailto:isla_bowen@uow.edu.au). Uniadvice 1300 367 869.  
 Visit our website: <http://www.uow.edu.au/health/nursing>.

## Master of Science (Midwifery)

(Undergoing approval, please refer to Department of Nursing)

Testamur Title of Degree:	Master of Science (Midwifery)
Abbreviation:	MSc(Mid)
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year or part-time equivalent
Total Credit Points:	48 credit points
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	\$3720 per FT session (Domestic); limited HECS places also available (Domestic); \$7950 AUD per session (international)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	016124A

### Overview

The Master of Science (Midwifery) program enables Registered Nurses to undertake the recommended theory and clinical experience as required by the Nurses Registration Board of NSW in order to become Certified Midwives. The program aims to provide graduates with skills and advanced knowledge from several related disciplines to provide continuing care for women, their infants and families during the reproductive phase of their lifespan. During the program, the exploration and clarification of evidence-based midwifery practice is emphasised.

### Entry Requirements / Assumed Knowledge

Authorisation to practice as a Registered Nurse by the Nurses Registration Board of NSW, List A and:

- a three-year Bachelor of Nursing degree or equivalent (eg. Diploma in Nursing, Graduate Diploma in Nursing) or a three-year Bachelor degree from a related discipline;
- b) special consideration may be given to certified midwives who do not hold any diplomas or previously mentioned degrees.

International students who are certified midwives in their own countries may enrol. International students who are not certified midwives in their own countries must obtain temporary registration as a nurse in New South Wales through the Nurses Registration Board of NSW. International students are also required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

### Course Requirements

The Master of Science (Midwifery) requires the completion of 48 credit of subjects. Students are required to complete 1596 hours of reimbursed or 1020 hours total supernumerary clinical experience to demonstrate that they meet the Nurses Registration Board of NSW pre-requisite for registration.

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

### Course Program

Subjects (by year)	Session	Credit Points
<b>Core subjects</b>		
GHMB911 Midwifery Practice 1	Autumn	4
GHMB912 Midwifery Practice 2	Spring	4
GHMB913 Midwifery Practice 3	Summer	4
GHMB914 Midwifery Management 1	Autumn	6
GHMB915 Midwifery Management 2	Spring	6
GHMB916 Human Reproduction	Autumn	6
GHMB917 Midwifery in the Social Context	Spring	6
GHMB923 Legal and Professional Issues	Autumn	6
GHMB950 Reflective Practice 1	Spring	6

### Professional Recognition

Graduates are eligible to register as Certified Midwives with the Nurses' Registration Board NSW. Registration in other states is assessed individually. Graduates may gain registration in a number of other countries.

### Other Information

Further information is available from: Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au). Ms Moira Williamson, Coordinator, Master of Science (Midwifery), +61 2 4221 3381 or [moiraw@uow.edu.au](mailto:moiraw@uow.edu.au). Uniadvice 1300 367 869. Visit our website: <http://www.uow.edu.au/health/nursing>.

## Graduate Diploma in Indigenous Health

Testamur Title of Degree:	Graduate Diploma in Indigenous Health
Abbreviation:	GradDipIndHealth
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year or part-time equivalent
Total Credit Points:	48 cp
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS (Domestic); 7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	668
CRICOS Code:	028406C

### Overview

This professional program prepares those involved in Indigenous Health, or Health Workers in the area of Indigenous Health, for more senior roles in the health care system.

Students are introduced to professional issues and a variety of research paradigms designed to encourage the development of professional knowledge and to enhance their problem-solving abilities. Students may pursue a course of study that reflects their professional interests by the selection of specific subjects from the schedules.

### Entry Requirements / Assumed Knowledge

A Bachelor degree of at least three years duration from a recognised tertiary institution or Graduate Certificate in Indigenous Health.

### Course Program

Subjects (by year)	Session	Credit Points
GHMB940 Indigenous Family Studies	Autumn	6
GHMB943 Health and Human Ecology	Autumn	6
GHMB941 Indigenous Health Patterns	Spring	6
GHMB944 Community Health Resource Planning	Spring	6
GHMB942 Special Topic	Autumn/ Spring	12

Plus electives to the value of 12 credit points chosen in consultation with the Course Coordinator.

### Other Information

For further information contact

Ms Robyn Williams, Postgraduate Indigenous Health Coordinator +61 2 4221 3576 or [williams@uow.edu.au](mailto:williams@uow.edu.au)

Uniadvice 1300 367 869.

Visit our website: <http://www.uow.edu.au/health/nursing> .

## Graduate Diploma in Science (Developmental Disability)

*(Currently under review, please refer to Department of Nursing)*

Testamur Title of Degree:	Graduate Diploma in Science (Developmental Disability)
Abbreviation:	GDipSc(DD)
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Weekend classes
Starting Session(s):	Autumn
Standard Course Fee:	\$3720 per FT session (local); \$7950 AUD per session (International )
Location:	Wollongong
UOW Course Code:	650
CRICOS Code:	002508M

### Overview

The Graduate Diploma in Science (Developmental Disability) is a multi-disciplinary course designed for health and education professionals providing direct care to people with developmental disabilities. It aims to provide an appropriate theoretical and conceptual framework for practice and access to contemporary information relating to developmental disability. The course consists of specialist developmental disability subjects and electives. Emphasis is on applying theoretical, research-based knowledge to practice in the developmental disability field.

## Entry Requirements / Assumed Knowledge

A Bachelor degree in Nursing of at least three years' duration from a recognised tertiary institution. Other qualifications (eg. A Diploma or Certificate in Nursing) may be acceptable for entry, in consultation with Course Coordinators.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

The candidate is required to undertake 48 credit points to successfully complete the Graduate Diploma in Science (Developmental Disability). Six subjects (36 credit points) are compulsory; the remaining two subjects (12 credit points) are elective subjects chosen in consultation with the course coordinator.

## Course Program

Subjects (by year)	Session	Credit Points
<b>Core subjects</b>		
GHMB950 Reflective Practice 1	Autumn or Spring	6
GHMB907 Fundamental Concepts in Developmental Disability	Autumn	6
GHMB908 Applied Behavioural Science for Developmental Disability Practice	Spring	6
GHMB910 Contemporary Issues in Developmental Disability	Spring	6
GHMD983 Statistics in Health Research	Autumn	6
GHMD984 Health Research Methodology	Spring	6

PLUS electives to the value of 12 credit points, to be discussed with the course coordinator.

## Other Information

Further information is available from:

Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au).

Ms Isla Bowen, Course Coordinator, +61 2 4221 3470 or [isla\\_bowen@uow.edu.au](mailto:isla_bowen@uow.edu.au).

Uniadvice 1300 367 869.

Visit our website: <http://www.uow.edu.au/health/nursing>.

## Graduate Certificate in Developmental Disability

Testamur Title of Degree:	Graduate Certificate in Developmental Disability
Abbreviation:	GCertDD
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year part-time
Total Credit Points:	24 credit points
Delivery Mode:	Weekend classes
Starting Session(s):	Autumn
Standard Course Fee:	\$3720 per FT session (local); not available to International students
Location:	Wollongong
UOW Course Code:	1149
CRICOS Code:	N/A

## Overview

The Graduate Certificate in Developmental Disability is a multi-disciplinary course designed for health and education professionals providing direct care to people with developmental disabilities. It aims to provide an appropriate theoretical and conceptual framework for practice and access to contemporary information relating to developmental disability. The course consists of specialist developmental disability subjects and electives. Emphasis is on applying theoretical, research-based knowledge to practice in the developmental disability field.

## Entry Requirements / Assumed Knowledge

A Bachelor degree in a relevant discipline of at least three years' duration from a recognised tertiary institution. Other qualifications (eg. A Diploma or Certificate in Nursing) may be acceptable for entry, in consultation with Course Coordinator.

## Course Requirements

The candidate is required to complete a 24 credit point program to successfully complete the Graduate Certificate in Developmental Disability. Three subjects (36 credit points) are compulsory; the remaining subject (6 credit points) is an elective subject chosen in consultation with the course coordinator.



## Course Program

Subjects (by year)	Session	Credit Points
<b>Core subjects</b>		
GHMB907 Fundamental Concepts in Developmental Disability	Autumn	6
GHMB908 Applied Behavioural Science for Developmental Disability Practice	Spring	6
GHMB910 Contemporary Issues in Developmental Disability	Spring	6

PLUS elective to the value of 6 credit points, to be discussed with the course coordinator.

## Other Information

Further information is available from:

Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au) .

Ms Isla Bowen, Course Coordinator, +61 2 4221 3470 or [isla\\_bowen@uow.edu.au](mailto:isla_bowen@uow.edu.au) .

Uniadvice 1300 367 869.

Visit our website: <http://www.uow.edu.au/health/nursing> .

## Graduate Certificate in Indigenous Health

Testamur Title of Degree:	Graduate Certificate in Indigenous Health
Abbreviation:	GCertIndHealth
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year part-time
Total Credit Points:	24 cp
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS (local); \$7950 AUD per session (international)
Location:	Wollongong
UOW Course Code:	1114
CRICOS Code:	028404E

## Overview

The Graduate Certificate in Indigenous Health is currently delivered through distance education, with some provision for negotiated tutorial time.

The course provides students with the knowledge and skills to effectively address Indigenous community health, community development and cultural issues in relation to Indigenous Health.

## Entry Requirements / Assumed Knowledge

A bachelor of at least three years duration from a recognised tertiary institution, or undergraduate diploma or equivalent. Recognition is also given for relevant workplace experience and prior learning.

## Course Requirements

Students complete a program of 24 credit points.

## Course Program

Subjects (by year)	Session	Credit Points
GHMB940 Indigenous Family Studies	Autumn	6
GHMB943 Health and Human Ecology	Autumn	6
GHMB941 Indigenous Health Patterns	Spring	6
GHMB944 Community Health Resource Planning	Spring	6

or other subjects approved by the Head of Department

## Other Information

Ms Robyn Williams, Postgraduate Indigenous Health Coordinator +61 2 4221 3576 or [williams@uow.edu.au](mailto:williams@uow.edu.au)

Uniadvice 1300 367 869.

Visit our website: <http://www.uow.edu.au/health/nursing>

## Graduate Certificate in Mental Health Nursing

Testamur Title of Degree:	Graduate Certificate in Mental Health Nursing
Abbreviation:	GCertMntlHlthNurs
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year part-time
Total Credit Points:	24 credit points
Delivery Mode:	Day/Flexible
Starting Session(s):	Autumn
Standard Course Fee:	Per FT session: \$3720 (local); \$7950 AUD (international)
Location:	Wollongong and off-campus by distance education
UOW Course Code:	1124
CRICOS Code:	020202B

### Overview

The Graduate Certificate in Mental Health Nursing is designed for a practitioner commencing the specialty of mental health nursing and for experienced mental health nurses.

### Entry Requirements / Assumed Knowledge

A Bachelor degree in Nursing of at least three years' duration from a recognised tertiary institution or qualifications to practice as a Registered Nurse or equivalent.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

### Course Requirements

The candidate is required to undertake 24 credit points to successfully complete the Graduate Certificate in Mental Health Nursing.

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

### Course Program

Subjects (by year)	Session	Credit Points
<b>Core subjects</b>		
GHMB989 Mental Health Nursing: Clinical Principles & Practice	Annual	12
GHMD971 Assessment & Diagnosis in Mental Health	Autumn	6
GHMD973 Case Management in Mental Health	Spring	6

### Other Information

Further information is available from:

Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au).

Dr Janette Curtis, Course Coordinator, +61 2 4221 3467 or [jcurtis@uow.edu.au](mailto:jcurtis@uow.edu.au).

Uniadvice 1300 367 869.

Visit our website: <http://www.uow.edu.au/health/nursing>.

## Graduate Certificate in Nursing

Testamur Title of Degree:	Graduate Certificate in Nursing
Abbreviation:	GCertNurs
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year part-time
Total Credit Points:	24 credit points
Delivery Mode:	Day/Evening/Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	Per FT session: \$3720 (local); \$7550 AUD (international)
Location:	Wollongong
UOW Course Code:	1112, F1112
CRICOS Code:	020200D

### Overview

The Graduate Certificate in Nursing is a short, focused, clinically based course having both academic and industry relevance. It is designed to give students the flexibility to choose subjects that allow professional development to occur in tandem with academic rigour. Candidates may exist following completion of the required subjects having acquired advanced knowledge in their chosen fields and having been prepared for advanced practice.

## Entry Requirements / Assumed Knowledge

A Bachelor degree in Nursing of at least three years' duration from a recognised tertiary institution or a qualification to practice as a Registered Nurse or equivalent.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

The candidate is required to undertake 24 credit points, 12 credit points of which must be Nursing subjects, to successfully complete the Graduate Certificate in Nursing.

## Course Program

24 cp from the subjects listed below:

Subjects (by year)	Session	Credit Points
<b>Nursing</b>		
GHMB950 Reflective Practice 1	Autumn or Spring	6
GHMB951 Reflective Practice 2	Autumn or Spring	6
GHMB902 Nursing Management	Autumn or Spring	6
GHMB903 Scientific and Quantitative Development in Acute Care Nursing	Autumn or Spring	6
GHMB906 Acute Care Nursing: Reflections on Practice	Autumn or Spring	6
GHMB907 Fundamental Concepts in Developmental Disability	Autumn	6
GHMB908 Applied Behavioural Science for Developmental Disability Practice	Spring	6
GHMB910 Contemporary Issues in Developmental Disability	Spring	6
GHMB923 Legal and Professional Issues	Autumn	6
<b>Public Health</b>		
GHMB903 Public Health Communication and Data Skills	Autumn	6
GHMB954 Studies in Alcohol and Other Drugs	Autumn	6
GHMD904 Epidemiology	Spring	6
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD908 Health Services Planning and Evaluation	Spring	6
GHMD909 Comparative Health Systems	Autumn	6
GHMD912 Health Promotion	Spring	6
GHMD924 Health Information Systems	Autumn	6
GHMD936 Public Health Nutrition	Autumn	6

## Other Information

Further information is available from:

Dr William Janes, Postgraduate Coordinator, +61 2 4221 3724 or [william@uow.edu.au](mailto:william@uow.edu.au).

Uniadvise 1300 367 869.

Visit our website: <http://www.uow.edu.au/health/nursing>.

## Psychology

### Doctor of Psychology (Clinical)

Testamur Title of Degree:	Doctor of Psychology (Clinical)
Abbreviation:	DPSyc(Clin)
Home Faculty:	Health & Behavioural Sciences
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	Face-to-face
Starting Session(s):	Normally Autumn session
Standard Course Fee:	Per FT session: \$6000 (local); \$9765 AUD (international)
Location:	Wollongong
UOW Course Code:	206
CRICOS Code:	027469G

## Overview

This program provides students with a comprehensive understanding of the principles governing psychological assessment and therapy, and clinical skills required to assess and treat clients with a wide variety of clinical conditions in both child and adult populations.

The doctoral program equips postgraduates with clinical and research knowledge and skills superior to those acquired at the professional masters level.

## Entry Requirements / Assumed Knowledge

Candidates must have an honours degree in Psychology of at least four years duration of Class II, Division 1 standard or higher. Applicants must submit two referees' reports, a personal statement, and attend a selection interview. Candidates in the MPsc(Clin) may apply to transfer to this course at the completion of year 1.

Places in this course are limited and will be based on academic merit and personal suitability.

International students are required to have achieved an IELTS score of 6.5 overall, with at least 6.0 in all bands, reading and writing, speaking and listening.

## Course Requirements

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

## Course Program

Subjects (by year)	Session	Credit Points
GHMC908 Professional Issues in Psychology	Autumn	4
GHMC910 Child and Family Psychology	Autumn	4
GHMC919 Clinical Applications of Health Psychology	Autumn	4
GHMC926 Counselling Skills	Autumn	4
GHMC931 Clinical Neuropsychology	Autumn	4
GHMC932 Socio-cultural Aspects of Applied Psychology	Spring	4
GHMC933 Professional Workshop Series A	Autumn	4
GHMC939 Introduction to Cognitive Behavioural Therapy	Autumn	4
GHMC969 Advanced Cognitive Behavioural Therapy	Spring	8
GHMC970 Assessment and Psychopathology A	Autumn	8
GHMC971 Assessment and Psychopathology B	Spring	8
GHMC993 Advanced Training in Personality Disorders A	Autumn	4
GHMC994* Advanced Training in Personality Disorders B	Autumn	4
GHMC995 Advanced Training – Clinical Supervision A	Spring	4
GHMC990* Advanced Clinical Issues	Spring	4
GHMC938 Practicum 1A	Autumn	4
GHMC942 Practicum 1B	Spring	4
GHMC943 Practicum 2A	Autumn	4
GHMC944 Practicum 2B	Autumn	4
GHMC991 Advanced Practicum A	Autumn	4
GHMC992 Advanced Practicum B	Spring	4
GHMC946 Research Project A	Spring	8
GHMC981 Research Project C	Spring	16
GHMC982 Research Project D	Annual	24

*Note: in certain circumstances any of the asterisked\* subjects may be substituted by an equivalent subject.*

## Professional Recognition

This program is accredited by the NSW Psychologists Registration Board for registration as a psychologists, by the Australian Psychological Society at 5<sup>+</sup>, 6<sup>+</sup> and 7<sup>+</sup> year level, and by the APS College of Clinical Psychologists.

## Master of Psychology (Clinical)

Testamur Title of Degree:	Master of Psychology (Clinical)
Abbreviation:	MPsc (Clin)
Home Faculty:	Health & Behavioural Sciences
Duration:	2 years full-time or part-time equivalent
Total Credit Points:	96
Delivery Mode:	Face-to-face
Starting Session(s):	Normally Autumn session
Standard Course Fee:	Per FT session \$6000 (local); \$9765 AUD (international)
Location:	Wollongong
UOW Course Code:	599
CRICOS Code:	027467J

## Overview

The Master of Psychology (Clinical) is a fully accredited professional 5<sup>+</sup> and 6<sup>+</sup> year of study for the purpose of membership of the Australian Psychological Society College of Clinical Psychologists.

This program provides a comprehensive understanding of the principles governing psychological assessment and therapy. It equips students with clinical skills required to assess and treat clients with a wide variety of clinical conditions in both child and adult populations.

### Entry Requirements / Assumed Knowledge

Candidates must have an honours degree in Psychology of at least four years duration of Class II, Division 2 standard or higher. Applicants must submit two referees' reports, a personal statement, and attend a selection interview.

Places in this course are limited and will be based on academic merit and personal suitability. The program will involve four sessions of full-time study or their equivalent part-time.

International students are required to have achieved an IELTS score of 6.5 overall, with at least 6.0 in all bands, reading and writing, speaking and listening.

### Course Program

Subjects (by year)	Session	Credit Points
GHMC908 Professional Issues in Psychology	Spring	4
GHMC910 Child and Family Psychology	Autumn	4
GHMC919 Clinical Applications of Health Psychology	Autumn	4
GHMC926 Counselling Skills	Autumn	4
GHMC931 Clinical Neuropsychology	Autumn	4
GHMC932 Socio-cultural Aspects of Applied Psychology	Spring	4
GHMC969 Advanced Cognitive Behavioural Therapy	Spring	8
GHMC970 Assessment and Psychopathology A	Autumn	8
GHMC971 Assessment and Psychopathology B	Spring	8
GHMC939 Introduction to Cognitive Behavioural Therapy	Autumn	4
GHMC934 Professional Workshop Series A	Autumn	4
GHMC938 Practicum 1A	Autumn	4
GHMC942 Practicum 1B	Spring	4
GHMC943 Practicum 2A	Autumn	4
GHMC944 Practicum 2B	Spring	4
GHMC946 Research Project A	Autumn	8
GHMC947 Research Project B	Spring	16

Students should consult the information on Criminal Records Checks, Prohibited Employment Declaration and infectious diseases at end of this chapter.

### Professional Recognition

This program is accredited by the NSW Registration Board for registration as a psychologist by the Australian Psychological Society at 5- and 6- year level and by the APS College of Clinical Psychologists.

### Master of Science (Psychology)

Testamur Title of Degree:	Master of Science (Psychology)
Abbreviation:	MSc (Psyc)
Home Faculty:	Health & Behavioural Sciences
Duration:	1 year full time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn
Standard Course Fee:	\$8350 AUD per session (international)
Location:	Wollongong
CRICOS Code:	029430F

### Overview

This program is available to applicants with a major study in Psychology. Because the APS reserves the name 'Masters' for 5- and 6- year courses, this course is not accredited by the Australian Psychological Society. It is thus not suitable for Australian students who intend to proceed further with APS accredited professional training. The program structure allows international students to tailor their studies to suit the requirements of the profession in their own countries.

### Entry Requirements / Assumed Knowledge

A Bachelor degree with a major in Psychology of at least three years duration from a recognised tertiary institution or equivalent.

International students are required to have achieved an IELTS score of 6.0, with at least 6.0 in reading and writing, and at least 5.0 in speaking and listening.

## Course Program

Subjects	Session	Credit Points
GHMC988 Contemporary Issues for Professional and Research Psychologists	Autumn	6
GHMC985 Principles and Practices of Psychological Assessment	Annual	6
GHMC989 Advanced Abnormal Psychology	Spring	6
GHMC979 Major Research Project	Annual	18
<i>Plus two electives chosen from the following:</i>		
GHMC984 Social Psychology and Health	Spring	6
GHMC978 Child and Adolescent Psychology	Autumn	6
GHMD965 Principles and Practices of Psychosocial Rehabilitation	Autumn	6
GHMD971 Assessment and Psychopathology B	Autumn	6
GHMD973 Case Management in Mental Health	Spring	6
GHMD983 Statistics in Health Research	Autumn	6

## Postgraduate Diploma in Psychology

Testamur Title of Degree:	Postgraduate Diploma in Psychology
Abbreviation:	Postgrad Dip in Psyc
Home Faculty:	Health & Behavioural Sciences
Duration:	The diploma will require two sessions of full-time or four sessions of part-time study, <i>and no longer</i> .
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn session
Standard Course Fee:	Per FT session: \$3720 (local); \$8350 AUD (international)
Location:	Wollongong
UOW Course Code:	674
CRICOS Code:	N/A

### Overview

The Postgraduate Diploma in Psychology is a fourth year of study, accredited by the Australian Psychological Society, for graduates with a major in Psychology. It is an alternative to the Honours degree. It is a partial qualification for registration as a Psychologist with the Psychologists' Registration Board of New South Wales – a post diploma period of supervision also being required.

The Postgraduate Diploma is not intended as a route to PhD studies but it can serve as a 4th year preparatory to further postgraduate coursework degrees (eg. the Clinical Masters degree) at Wollongong and similar postgraduate courses in other universities. However, applicants should check with individual university departments on this matter before committing themselves to the course of study.

### Entry Requirements / Assumed Knowledge

Eligibility for entry to the Postgraduate Diploma in Psychology program depends on the successful completion of Bachelor degree from the University of Wollongong with a major in Psychology or an equivalent qualification from another tertiary institution approved by the Council of the University of Wollongong and accredited by the Australian Psychological Society.

Entry to the Postgraduate Diploma is competitive and is based on academic qualifications. For the purposes of entry to the program we use the best 48 credit points from successfully completed 200- and 300- level Psychology subjects. International students are required to have achieved an IELTS score of 6.0, with at least 6.0 in reading and writing, and at least 5.0 in speaking and listening.

### Course Program

Subjects (by year)	Session	Credit Points
GHMC988 Contemporary Issues for Professional and Research Psychologists	Autumn	6
GHMC984 Social Psychology and Health	Spring	6
GHMC985 Principles and Practices of Psychological Assessment	Annual	6
GHMC989 Advanced Abnormal Psychology	Spring	6
GHMC978 Child and Adolescent Psychology	Autumn	6
GHMC979 Major Research Project	Annual	18

### Professional Recognition

Our degrees are set up to meet the requirements of external bodies such as the APS and the NSW Registration Board. For information about these professional bodies, their regulations, and about post university practice as a Psychologist, please contact these bodies directly.

## Postgraduate Certificate in Professional Psychological Practice

Testamur Title of Degree:	Postgraduate Certificate in Professional Psychological Practice
Abbreviation:	PG Cert PPP
Home Faculty:	Health & Behavioural Sciences
Duration:	2 years part time
Total Credit Points:	32
Delivery Mode:	Face-to-face outside business hours
Starting Session(s):	Autumn session
Standard Course Fee:	\$4000 per annum
Location:	Wollongong
UOW Course Code:	1145
CRICOS Code:	N/A

### Overview

The Postgraduate Certificate in Professional Psychological Practice is a post-fourth-year course designed to provide students with skills that will facilitate registration as a psychologist with the NSW Psychologists Registration Board. The course consists of a series of group supervision sessions integrated with workshops.

It is important to note that registration with the Board is not automatic on completion of this course.

### Entry Requirements / Assumed Knowledge

Eligibility for entry to the Postgraduate Certificate in Professional Psychological Practice is based on the successful completion of a 4th year of study in Psychology recognised by the NSW Psychologists Registration Board (eg an APS accredited 4 year degree) and acceptable performance in an intake interview.

This course is not available to international students.

### Course Requirements

Students can elect to complete one or all of the 4 annual 8 credit point subjects listed below. Successful completion of all subjects (total of 32 credit points) will lead to the award of the Certificate.

### Course Program

Subjects (by year)	Session	Credit Points
PSYC966 Professional Practice Group Supervision A	Annual	8
PSYC967 Professional Practice Workshops A	Annual	8
PSYC968 Professional Practice Group Supervision B	Annual	8
PSYC969 Professional Practice Workshops B	Annual	8

## Graduate School of Public Health

### Master of Health Management

Testamur Title of Degree:	Master of Health Management
Abbreviation:	MHM
Home Faculty:	Faculty of Health & Behavioural Science
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Distance
Starting Session(s):	<b>Closed to new enrolments or transfers from other programs from 1/1/04</b>
Standard Course Fee:	-
Location:	Wollongong and off campus by distance education
UOW Course Code:	598
CRICOS Code:	00102E

### Overview

The Master of Health Management program is designed for those in sectional, clinical or departmental management positions, or for those health professionals with relevant experience who wish to extend their activities into health management.

### Entry Requirements / Assumed Knowledge

A Bachelor degree of at least three years duration from a recognised tertiary institution or equivalent, together with a minimum of two years full-time relevant work experience. In special circumstances, an applicant holding other acceptable academic qualifications, plus a minimum of two years full-time relevant work experience, may be admitted. If you do not have a three

year Bachelor degree or equivalent, you must provide a detailed statement confirming the nature and duration of your work experience, together with supporting documentation from your employer. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

### Advanced Standing

Students who have completed relevant subjects in a Graduate Certificate in Health Management or Graduate Certificate in Public Health may receive advanced standing based on those subjects, up to a maximum of 24 credit points.

### Course Requirements

Candidates are required to complete 48 credit points of accredited modules comprising subjects on offer from the Graduate School of Public Health and the Graduate School of Business and Professional Development

### Course Program

Subjects	Session	Credit Points
Core Subjects		
GHMD909 Comparative Health Systems: Policies and Politics	Autumn	6
GHMD924 Health Information Systems	Autumn	6
ECON918 Economics of Health Care	Autumn	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD908 Health Services Planning and Evaluation	Spring	6
TBS901* Accounting for Managers	Intake A and C	6
TBS903* Managing People in Organisations	Intake C	6
Plus one elective		

\* These subjects are offered through the Graduate School of Business and Professional Development where starting dates differ from the standard University calendar and are not on offer to distance education. Please refer 'key dates' at the beginning of this book.

### Credit Towards Other Courses

Students who have completed the requirements of the Master of Health Management may apply to the Master of Business Administration, and will be required to complete seven subjects according to approved enrolment program as determined by the MBA Course Coordinator.

## Master of Public Health

Testamur Title of Degree:	Master of Public Health
Abbreviation:	MPH
Home Faculty:	Faculty of Health & Behavioural Science
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Day/Distance
Starting Session(s):	Autumn/Spring
Standard Course Fee:	Per FT session: \$3720 (local); \$7950 AUD (international)
Location:	Wollongong and off campus by distance education
UOW Course Code:	580
CRICOS Code:	00102E

### Overview

The Master of Public Health provides knowledge and understanding of efforts made by society to protect, promote and restore people's health. Health is defined as a state of well-being, not just the absence of disease. The goals of public health include the promotion and improvement of health, as well as the prevention of disease, premature death, and disease-produced discomfort and disability in the population.

### Entry Requirements / Assumed Knowledge

A Bachelor degree of at least three years duration from a recognised tertiary institution or equivalent. People with other acceptable qualifications and work experience may be admitted on completion of the Graduate Diploma in Public Health. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

### Course Requirements

72 credit points of coursework, comprising six core subjects and six electives. On campus students will also be able to choose from subjects in the Sociology, Geosciences and STS schedules on the advice of the Course Coordinator.



## Course Program

Subjects (by year)	Session	Credit Points
Core subjects		
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
GHMD904 Epidemiology	Spring	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD912 Health Promotion	Spring	6
GHMD984*** Health Research Methodology	Spring	6
Electives		
GHMD903* Public Health Communication and Data Skills	Autumn/Spring	6
GHMD907 Independent Study in Public Health	Autumn/Spring	6
GHMD909 Comparative Health Systems: Policies and Politics	Autumn	6
GHMD913 Alcohol and Other Drug Studies	Autumn	6
GHMD924 Health Information Systems	Autumn	6
GHMD925 Aboriginal Health Issues	Autumn	6
GHMD936 Public Health Nutrition	Autumn	6
GHMD985* Applied Epidemiology	Autumn	6
GHMD986* Environmental Health	Autumn	6
ECON918 Economics of Health Care	Autumn	6
GHMB940** Indigenous Family Studies	Autumn	6
GHMB943** Health and Human Ecology	Autumn	6
GHMD908 Health Services Planning and Evaluation	Spring	6
GHMD937 Food Inspection for Public Health	N/O 2004	6
GHMD981* Maternal and Child Health in Developing Countries	Spring	6
GHMD997* Major Project***		24
ACCY969 Financial Management for Health Services	Spring	6
LAW960 Legal Studies for Professionals	Spring	6
GHMB941** Indigenous Health Patterns	Spring	6
GHMB944** Community Resource Planning	Spring	6
*These subjects not available by distance education		
**Indigenous health subjects available by flexible delivery on campus and off campus by distance education		
***GHMD984 Health Research Methodology is a prerequisite for GHMD997 Major Project		

## Master of Science (Health Policy and Management)

Testamur Title of Degree:	Master of Science (Health Policy and Management)
Abbreviation:	MSc(HlthPolMgmt)
Home Faculty:	Faculty of Health & Behavioural Science
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Day/Distance
Starting Session(s):	<b>Closed to new enrolments or transfers from other programs from 1/1/04</b>
Standard Course Fee:	-
Location:	Wollongong and off campus by distance education
UOW Course Code:	574HPM
CRICOS Code:	00102E

### Overview

This program aims to provide advanced study for health service managers and enhance their competence for senior management roles in the health industry.

### Entry Requirements / Assumed Knowledge

A Bachelor degree of at least three years duration from a recognised tertiary institution or equivalent, together with a minimum of two years relevant work experience. In special circumstances, an applicant holding acceptable academic or professional qualifications, and with relevant work experience of not less than two years, may be admitted as a candidate. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

## Course Program

Subjects	Session	Credit Points
GHMD909 Comparative Health Systems: Policies and Politics	Autumn	6
GHMD924 Health Information Systems	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
ECON918 Economics of Health Care	Autumn	6
GHMD904 Epidemiology	Spring	6

GHMD906	Quality Management for Health Services	Spring	6
GHMD908	Health Services Planning and Evaluation	Spring	6
LAW960	Legal Studies for Professionals	Spring	6
TBS901*	Accounting for Managers	Intake A and C	6
TBS903*	Managing People in Organisations	Intake C	6

Plus 12 credit points chosen with approval of the Course Coordinator

\* These subjects are offered through the Graduate School of Business and Professional Development where starting dates differ from the standard University calendar and are not on offer by distance education. Please refer 'key dates' at the beginning of this book.

## Master of Science (Mental Health)

Testamur Title of Degree:	Master of Science (Mental Health)
Abbreviation:	MSc(MntlHlth)
Home Faculty:	Faculty of Health and Behavioural Science
Duration:	18 months full-time or 3 years part-time
Total Credit Points:	72
Delivery Mode:	Day/Distance
Starting Session(s):	Closed to new enrolments or transfers from other programs from 1/1/04
Standard Course Fee:	Per FT session: \$3720 (local); \$7950 AUD (international)
Location:	Wollongong and off campus by distance education
UOW Course Code:	574MNTL
CRICOS Code:	00102E

### Overview

The degree places emphasis on quality clinical and practical training both at the individual and population level. It emphasises the development of essential skills and conceptual knowledge needed for mental health research. The postgraduate mental health program responds to national priorities to equip the mental health workforce for comprehensive, community-based treatment and the rehabilitation of people suffering from serious mental health illness.

### Entry Requirements / Assumed Knowledge

The course is multidisciplinary and is open to appropriately qualified health professionals interested in further education and training in mental health. Entry requirements include:

- (i) a relevant three year undergraduate degree or equivalent from an approved tertiary institution;
- (ii) two years (minimum) of relevant experience in the field.

International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

### Advanced Standing

Candidates satisfactorily completing the Graduate Diploma in Science (Mental Health) may seek admission to the Master of Science program.

### Course Requirements

The course can be undertaken full-time over 18 months or part-time over 3 years. The Master of Science (Mental Health) degree is designed with the part-time student in mind within the on-campus program. There are approximately four hours of contact per week for the part-time candidate and wherever possible, classes are scheduled on one afternoon per week beginning at 1.30pm. The course requires the completion of 72 credit points including six core subjects (36 credit points) and 2 electives (12 credit points). The remaining 24 credit points can be gained in one of two ways:

- a) by undertaking four approved elective subjects totalling at least 24 credit points; or
- b) by undertaking GHMD997 Major Project (24 credit points).

Note: GHMD984 Health Research Methodology is a pre-requisite for the Major Project. Students must have the permission of the coordinator to undertake GHMD997.

### Course Program

Subjects (by year)	Session	Credit Points
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD965 Principles and Practices of Psychosocial Rehabilitation	Autumn	6
GHMD971 Assessment and Diagnosis in Mental Health	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
GHMD973 Case Management in Mental Health	Spring	6
GHMD970 Comprehensive Systems of Mental Health Care	N/O in 2004	6
<i>Electives: Plus at least two subjects from the following:</i>		
GHMD907 Independent Study in Public Health	Autumn/Spring	6
GHMD909 Comparative Health Systems: Policies and Politics	Autumn	6

GHMD913	Alcohol and Other Drug Studies	Autumn	6
GHMD924	Health Information Systems	Autumn	6
GHMD925	Aboriginal Health Issues	Autumn	6
ECON918	Economics of Health Care	Autumn	6
GHMD904	Epidemiology	Spring	6
GHMD906	Quality Management for Health Services	Spring	6
GHMD908	Health Services Planning and Evaluation	Spring	6
GHMD984	Health Research Methodology	Spring	6
ACCY969	Financial Management for Health Services	Spring	6
GHMD976	Supervised Clinical Practice	N/O in 2004	6
<i>Together with either 24 credit points of further course work from the elective subjects listed above, or</i>			
GHMD997	Major Project		24

*Note – GHMD984 Health Research Methodology is a pre-requisite for GHMD997 Major Project  
Subject to approval, relevant subjects from other programs may also be taken as electives.*

## Graduate Diploma in Public Health

Testamur Title of Degree:	Graduate Diploma in Public Health
Abbreviation:	GDipPH
Home Faculty:	Faculty of Health & Behavioural Science
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Day/Distance
Starting Session(s):	Autumn/Spring
Standard Course Fee:	Per FT session \$3720 (local); \$7950 AUD (international)
Location:	Wollongong and off campus by distance education
UOW Course Code:	658
CRICOS Code:	00102E

### Overview

This is an introduction to public health: the area associated with efforts made by society to protect, promote and restore people's health. Health is defined as a state of well-being, not just the absence of disease. The goals of public health include the promotion and improvement of health, as well as the prevention of disease, premature death, and disease-produced discomfort and disability in the population. The Graduate Diploma is designed for health professionals and others intending to work in public health.

### Entry Requirements / Assumed Knowledge

A Bachelor degree of at least three years duration from a recognised tertiary institution or equivalent. Other qualifications and work experience may be accepted. Students may also be admitted to the Graduate Diploma upon successful completion of the Graduate Certificate. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

### Course Requirements

The program comprises the following five subjects, together with subjects selected from the Master of Public Health schedule, and subjects from other departments approved by the Course Coordinator to create a total of 48 credit points of coursework.

### Course Program

Subjects (by year)	Session	Credit Points
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
GHMD904 Epidemiology	Spring	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD912 Health Promotion	Spring	6

### Credit Towards Other Courses

On completion of the Graduate Diploma of Public Health, students may apply to enter the Master of Public Health. Successful applicants will be required to complete a further 24 credit points of course work from the Masters program.

## Graduate Diploma in Science (Mental Health)

Testamur Title of Degree:	Graduate Diploma in Science (Mental Health)
Abbreviation:	GDipSc(MntlHlth)
Home Faculty:	Faculty of Health and Behavioural Science
Duration:	1 year full-time or two years part-time
Total Credit Points:	48
Delivery Mode:	Day/Distance
Starting Session(s):	<b>Closed to new enrolments or transfers from other programs from 1/1/04</b>
Standard Course Fee:	-
Location:	Wollongong and off-campus distance education
UOW Course Code:	650
CRICOS Code:	00102E

### Overview

The Graduate Diploma in Science (Mental Health) aims to produce students with the clinical and professional competence to work across the full range of mental health services and to provide assessment diagnosis, case management, treatment, rehabilitation and support for people with mental health illness and their families in line with the National Mental Health Policy and Plan.

### Entry Requirements / Assumed Knowledge

Admission to the course is normally by applicants who hold a relevant undergraduate degree or other acceptable qualifications (eg Registered Nursing Certificate), together with a minimum of one year of work in a mental health service setting. In special circumstances an applicant holding other acceptable academic or professional qualifications may be admitted to studies.

International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

### Advanced Standing

The Graduate Diploma articulates with the Master of Science (Mental Health) in that students who successfully complete the Diploma may apply for advanced standing of 48 credit points of course work in the Master of Science degree.

### Course Program

Subjects (by year)	Session	Credit Points
<i>Core subjects</i>		
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD965 Principles and Practices of Psychosocial Rehabilitation	Autumn	6
GHMD971 Assessment and Diagnosis in Mental Health	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
GHMD973 Case Management in Mental Health	Spring	6
GHMD970 Comprehensive Systems of Mental Health Care	N/O in 2004	6
<i>Electives: Plus 2 subjects from the following:</i>		
GHMD907 Independent Study in Public Health	Autumn/Spring	6
GHMD909 Comparative Health Systems: policies and politics	Autumn	6
GHMD913 Alcohol and Other Drug Studies	Autumn	6
GHMD924 Health Information Systems	Autumn	6
GHMD925 Aboriginal Health Issues	Autumn	6
ECON918 Economics of Health Care	Autumn	6
GHMD904 Epidemiology	Spring	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD908 Health Services Planning and Evaluation	Spring	6
GHMD984 Health Research Methodology	Spring	6
ACCY969 Financial Management for Health Services	Spring	6
GHMD976 Supervised Clinical Practice	N/O in 2004	6

## Graduate Certificate in Health Management

Testamur Title of Degree:	Graduate Certificate in Health Management
Abbreviation:	GCertHlthMgmt
Home Faculty:	Faculty of Health & Behavioural Science
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Day/Distance
Starting Session(s):	<b>Closed to new enrolments or transfers from other programs from 1/1/04</b>
Standard Course Fee:	-
Location:	Wollongong and off campus by distance education
UOW Course Code:	1131
CRICOS Code:	00102E

## Overview

The aim of this program is to provide advanced professional education for health service managers in the concepts, theories, approaches and practices of health management.

## Entry Requirements / Assumed Knowledge

A Bachelor degree of at least three years duration from a recognised tertiary institution or equivalent, together with a minimum of two years relevant work experience. In special circumstances, an applicant holding acceptable academic or professional qualifications and with relevant work experience of not less than two years, may be admitted. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

## Course Program

Subjects	Session	Credit Points
Two Subjects from:		
GHMD909 Comparative Health Systems: Policies and Politics	Autumn	6
GHMD924 Health Information Systems	Autumn	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD908 Health Services Planning and Evaluation	Spring	6
Plus two subjects from:		
TBS901* Accounting for Managers	Intake A and C	6
TBS903* Managing People in Organisations	Intake C	6
ECON918 Economics of Health Care	Autumn	6

\* These subjects are offered through the Graduate School of Business and Professional Development where starting dates differ from the standard University calendar and are not on offer by distance education. Please refer 'key dates' at the beginning of this book.

## Credit Towards Other Courses

On completion of the Graduate Certificate of Health Management, students may apply to enter the Graduate Diploma of Public Health, Master of Public Health or Master of Health Management programs.

## Professional Recognition

For members of the Australian College of Health Service Executives, successful completion of individual subjects attracts continuing professional development (CPD) credit.

## Graduate Certificate in Mental Health

Testamur Title of Degree:	Graduate Certificate in Mental Health
Abbreviation:	GCertMntlHlth
Home Faculty:	Faculty of Health and Behavioural Science
Duration:	Part-time over one year
Total Credit Points:	24
Delivery Mode:	Day/Distance
Starting Session(s):	Closed to new enrolments or transfers from other programs from 1/1/04
Standard Course Fee:	Per FT session: \$3720 (local); \$7950 AUD (international)
Location:	Wollongong and off campus by distance education
UOW Course Code:	1103
CRICOS Code:	00102E

## Overview

The aim of this course is to provide an introduction to advanced professional education for mental health practitioners in current legislation and policy regarding the care of people with serious mental illness and recent developments in concepts theories, and practices of mental health intervention including assessment, diagnosis, treatment and rehabilitation.

## Entry Requirements / Assumed Knowledge

Admission to the course is normally by applicants who hold a relevant undergraduate degree or other acceptable qualifications (e.g. Registered Nursing Certificate), together with a minimum of one year of work in a mental health service setting. In special circumstances an applicant holding other acceptable academic or professional qualifications may be admitted to studies. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

## Advanced Standing

Students with appropriate entry qualifications, who complete the Graduate Certificate may, on application, be granted advanced standing totalling 24 credit points towards the award of the Graduate Diploma in Science (Mental Health).

## Course Requirements

A candidate for the Graduate Certificate in Mental Health shall undertake a 24 credit point program, recommended by the course coordinator from the following subjects:-

### Course Program

Subjects (by year)	Session	Credit Points
GHMD965 Principles and Practices of Psychosocial Rehabilitation	Autumn	6
GHMD971 Assessment and Diagnosis in Mental Health	Autumn	6
GHMD970 Comprehensive Systems of Mental Health Care	Not on offer in 2004	6
GHMD973 Case Management in Mental Health	Spring	6

## Graduate Certificate in Public Health

Testamur Title of Degree:	Graduate Certificate in Public Health
Abbreviation:	GCertPubHlth
Home Faculty:	Faculty of Health & Behavioural Science
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Day/Distance
Starting Session(s):	Autumn/Spring
Standard Course Fee:	Per FT session: \$3720 (local); \$7950 AUD (international)
Location:	Wollongong and off-campus by distance education
UOW Course Code:	1130
CRICOS Code:	00102E

## Overview

The aim of this program is to provide health professionals and others with the opportunity to develop competencies in public health. Students can gain a qualification in public health in a flexible manner, including a choice of subjects and a manageable investment of time and money.

## Entry Requirements / Assumed Knowledge

Entrants to the course normally hold a three year undergraduate degree (or equivalent). An applicant holding other acceptable qualifications may be admitted to this course. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening.

## Course Requirements

The Graduate Certificate in Public Health is awarded on the successful completion of 24 credit points of course work selected from the following subjects:-

### Course Program

Subjects (by year)	Session	Credit Points
GHMD905 Social Foundations of Public Health	Autumn	6
GHMD909 Comparative Health Systems: Policies and Politics	Autumn	6
GHMD913 Alcohol and Other Drug Studies	Autumn	6
GHMD924 Health Information Systems	Autumn	6
GHMD925 Aboriginal Health Issues	Autumn	6
GHMD936 Public Health Nutrition	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6
GHMD985* Applied Epidemiology	Autumn	6
GHMD986* Environmental Health	Autumn	6
GHMD903* Public Health Communication and Data Skills	Autumn/Spring	6
GHMD904** Epidemiology	Spring	6
GHMD906 Quality Management for Health Services	Spring	6
GHMD908 Health Services Planning and Evaluation	Spring	6
GHMD912 Health Promotion	Spring	6
GHMD981* Maternal and Child Health in Developing Countries	Spring	6
GHMD984** Health Research Methodology	Spring	6
STAT252* Statistics for the Natural Sciences	Spring	6

\*These subjects not available by distance education

\*\*Full-time students commencing studies in Spring session studying GHMD904 or GHMD984 must concurrently study STAT252 unless a statistics subject has previously been completed.

## Credit Towards Other Courses

On completion of the Graduate Certificate in Public Health, students may apply to enter the Graduate Diploma in Public Health. Successful applicants will be required to complete a further 24 credit points of course work from the Diploma program.

## Smart Foods Centre

## Master of Nutrition Management

Testamur Title of Degree:	Master of Nutrition Management
Abbreviation:	MNutrMgmt
Home Faculty:	Health and Behavioural Sciences
Duration:	2 year part-time
Total Credit Points:	48 cp
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	Per FT session: \$6000 (local); \$7950 AUD (international)
Location:	Wollongong
UOW Course Code:	1511
CRICOS Code:	031442F

## Overview

The Master of Nutrition Management allows students to critically examine key issues relating to food product development in Australia today, and apply new knowledge and skills to developments within their own work environments.

## Entry Requirements / Assumed Knowledge

Applicants must possess an undergraduate degree from a recognised Australian university or institution of equivalent standing with a grade average of at least 60%; or, Applicants must possess an undergraduate degree from a recognised Australian university or institution of equivalent standing with a grade average between 50% and 59% and must also have completed a minimum of two years full time relevant work experience (managerial or supervisory in nature and/or which carries a level of responsibility) after graduation.

In special circumstances, applicants who hold other academic or professional qualifications and have a minimum of five years full-time or ten years part-time relevant work experience may also be granted admission to the program.

International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

## Course Requirements

The Master of Nutrition Management comprises 4 nutrition and 4 management subjects totalling 48 credit points, over four sessions part time.

## Course Program

Subjects (by year)	Session	Credit Points
SFC901 Contemporary Issues in Food and Nutrition	Spring	6
SFC902 Food Regulation and Policy in Australia	Autumn	6
SFC903 Nutrition Research	Autumn	6
SFC904 Nutrition in Food Innovation	Autumn	6
TBS901 Accounting for Managers	Modular	6
TBS902 Statistics for Decision Making	Modular	6
TBS903 Managing People in Organisations	Modular	6
TBS904 Marketing Management	Modular	6

## Credit Towards Other Courses

Students may undertake another session of work including a project to receive a Master of Science (Nutrition Management) or undertake the remaining requirements of a Master of Business Administration program to achieve this as an additional qualification.

## Master of Science (Nutrition Management)

Testamur Title of Degree:	Master of Science (Nutrition Management)
Abbreviation:	MSc(NutrMgmt)
Home Faculty:	Health and Behavioural Sciences
Duration:	2 year part-time
Total Credit Points:	72 cp
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 per session (local); \$7950 AUD per session (International)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	N/A

### Overview

The Master of Science (Nutrition Management) allows students to critically examine key issues relating to food product development in Australia today, and apply new knowledge and skills to developments within their own work environments. In addition students have the opportunity to conduct a major project to apply these skills in a research context or further develop Business and/or Science knowledge.

### Entry Requirements / Assumed Knowledge

Applicants must possess an undergraduate degree from a recognised Australian university or institution of equivalent standing with a grade average of at least 60%; or, Applicants must possess an undergraduate degree from a recognised Australian university or institution of equivalent standing with a grade average between 50% and 59% and must also have completed a minimum of two years full time relevant work experience (managerial or supervisory in nature and/or which carries a level of responsibility) after graduation.

In special circumstances, applicants who hold other academic or professional qualifications and have a minimum of five years full-time or ten years part-time relevant work experience may also be granted admission to the program.

International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

### Course Requirements

The Master of Science (Nutrition Management) comprises 72 credit points made up of 4 nutrition and 4 management subjects plus an additional 24 credit points from either a major project (24 credit points) or 4 electives chosen from the Master of Business Administration subjects or other subjects approved by the Associate Director (Education).

### Course Program

Subjects	Session	Credit Points
<b>Year 1</b>		
SFC901 Contemporary Issues in Food and Nutrition	Spring	6
SFC902 Food Regulation and Policy in Australia	Autumn	6
SFC903 Nutrition Research	Autumn	6
SFC904 Nutrition in Food Innovation	Autumn	6
TBS901 Accounting for Managers	Modular	6
TBS902 Statistics for Decision Making	Modular	6
TBS903 Managing People in Organisations	Modular	6
TBS904 Marketing Management	Modular	6
<b>Year 2</b>		
GHMA997 Major Project	Spring	24
or		
4 electives chosen from the Master of Business Administration subjects or other subjects approved by the Associate Director (Education).		

### Further Study Options

Students who have completed the requirements of the Master of Science (Nutrition Management) may progress to the Master of Business Administration (MBA) with 48 credit points of advanced standing.



## Graduate Certificate in Nutrition Management

Testamur Title of Degree:	Graduate Certificate in Nutrition Management
Abbreviation:	GCertNutrMgmt
Home Faculty:	Health and Behavioural Sciences
Duration:	1 year part-time
Total Credit Points:	24 cp
Delivery Mode:	Day
Starting Session(s):	Autumn/Spring
Standard Course Fee:	Per FT session: \$6000 (local); \$7950 AUD (international)
Location:	Wollongong
UOW Course Code:	F1132
CRICOS Code:	031441G

### Overview

The Graduate Certificate in Nutrition Management allows students to critically examine key issues relating to food product development in Australia today, and apply new knowledge and skills to developments within their own work environments.

### Entry Requirements / Assumed Knowledge

It is recommended that applicants possess an undergraduate degree from a recognised Australian university or institution of equivalent standing with a grade average of at least 60%; or,

Applicants must possess an undergraduate degree from a recognised Australian university or institution of equivalent standing with a grade average between 50% and 59% and must also have completed a minimum of two years full time relevant work experience (managerial or supervisory in nature and/or which carries a level of responsibility) after graduation.

However, applicants who hold other academic or professional qualifications and have a minimum of five years full-time or ten years part-time relevant work experience may also be granted admission to the program.

International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

### Course Requirements

The Graduate Certificate in Nutrition Management comprises 2 nutrition and 2 management subjects totalling 24 credit points, over two sessions part time.

### Course Program

Subjects (by year)	Session	Credit Points
Two subjects chosen from:		
SFC901 Contemporary Issues in Food and Nutrition	Spring	6
SFC902 Food Regulation and Policy in Australia	Autumn	6
SFC903 Nutrition Research	Autumn	6
SFC904 Nutrition in Food Innovation	Autumn	6
Plus a further 12 cp from		
TBS901 Accounting for Managers	Modular	6
TBS902 Statistics for Decision Making	Modular	6
TBS903 Managing People in Organisations	Modular	6
TBS904 Marketing Management	Modular	6

## Other Information

### Criminal Record Checks

As part of the 'whole of government' approach to child protection, the NSW Department of Health requires all students in health related courses to undergo a criminal record check. The criminal record check shall be completed before a student can attend any clinical placement in a Public Health facility.

Students need to give their consent to such a check and will submit a signed consent form through their university. Consent forms are available from universities. Checks are done through the NSW Police Service and coordinated by the Department of Health. At present there is no cost to either the student or university for this service.

When the check is completed the student will be issued with a Clearance Letter, which has to be produced whenever they attend a clinical placement. The Letter must not be photocopied or duplicated in any way. Lost, mislaid or mutilated Clearance Letters are replaced on application from the student with payment of a fee.

If a student receives a positive result from the check it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed in a confidential consultation between the student and a representative of the Department of health.

An additional requirement came into effect with new child protection legislation enacted in July 2000. The university will provide another form to the student called the Prohibited Employment Declaration. The Declaration must also be completed prior to any clinical placement. The completed and signed declaration is returned to the university and will be held by us. The Health Department does not issue or administer this form.

### Infectious Diseases

Students required to complete clinical training in the NSW hospital system will be subject to various guidelines and procedures laid down for health workers by the NSW Department of Health, including guidelines regarding infectious diseases.

In the hospital system, you will be exposed to a large number and variety of individuals, some of whom may have a communicable disease such as tuberculosis, measles, mumps, rubella, diphtheria, poliomyelitis, HIV or Hepatitis B. This may place you at risk of acquiring one of these diseases. In other cases, if you have a communicable disease, you may place your clients at risk.

For your protection, and for the protection of your potential clients, you are recommended to have vaccinations before you begin clinical work. Evidence of your vaccination status may be required by certain clinical placements/agencies before attendance. If your vaccinations are incomplete, opportunities for placement may be limited and your progress in the course could be affected.

Some categories of health care workers – nurses, doctors, dentists, dental technicians, podiatrists and physiotherapists – also have regulated individual responsibility with regard to infection control. You should familiarise yourself with these responsibilities.

Health care workers who are either HIV antibody positive or Hepatitis B e-antigen or Hepatitis B DNA positive or Hepatitis C PCR positive must not perform exposure prone procedures. Expert medical advice should be obtained by infected people on their infectious status and the extent to which this may limit their clinical practice.

# Faculty of Informatics

## Courses Offered

### **School of Electrical, Computer and Telecommunications Engineering**

Doctor of Philosophy  
Master of Engineering Studies  
Master of Engineering Practice (Mechatronics)  
Master of Engineering Studies  
Master of Internet Technology  
Graduate Diploma in Internet Technology

### **School of Information Technology and Computer Science**

Doctor of Philosophy  
Master of Information and Communication Technology – Research  
Master of Computer Science - Research  
Master of Computer Science  
Master of Computer Studies  
Master of Internet Technology  
Graduate Diploma in Internet Technology  
Master of Digital Multimedia  
Master of Electronic Commerce  
Master of Health Informatics  
Master of Industry-based Information Technology  
Master of Information & Communication Technology  
Master of Information Technology Management  
Graduate Certificate in Health Informatics  
Graduate Certificate in Industry-based Information Technology  
Graduate Certificate in Information and Communication Technology

### **School of Mathematics and Applied Statistics**

Doctor of Philosophy  
Master of Science - Research (Mathematics)  
Master of Science - Research (Statistics)  
Master of Mathematics  
Master of Statistics  
Master of Financial Mathematics\*  
Graduate Diploma in Statistics

## **School of Electrical, Computer and Telecommunications Engineering**

### **Doctor of Philosophy**

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Informatics
Duration:	3 years or part-time equivalent
Total Credit Points:	48cps per year
Delivery Mode:	Face-to-face or combination of Face-to-face/Distance
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS Exempt (Local); \$9000 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	001244E

#### **Overview**

Doctor of Philosophy (PhD) candidates undertake in-depth research in order to make an original and significant contribution to the body of knowledge in their chosen studies. This qualification can lead to or enhance an academic career and is highly regarded by private and public sector employers.

#### **Entry Requirements/Assumed Knowledge**

A four-year Honours Bachelor of Engineering degree (minimum Class II, Division 2 or higher); or a Master of Engineering Studies (at the required level); or a Master of Engineering – Research, in one of the following areas: Computer, Electrical, Electronic or Telecommunications Engineering; or equivalent.

The School normally requires students to register initially for the Masters by Research program. Subject to satisfactory progress, including the presentation of a report and seminar, a student's candidature may be transferred to Doctor of Philosophy (PhD) after one year, without penalty.

#### **Course Requirements**

This program is by 100% thesis. Students may be required to attend lectures in relevant topics from time to time throughout the program.

All new students enrolling in a research degree are expected to prepare and defend a research proposal early in their candidature. Normally, the degree will be completed in not less than four, and not more than eight, academic sessions of full-time study, or six to 16 sessions of part-time study.

#### **Current Research Areas**

The following areas of research are available to candidates undertaking the degrees of Doctor of Philosophy or Master of Engineering - Research:

##### **Telecommunications: Switched Networks**

Active networks  
Ad hoc multi-hop networking  
Closed loop control in packet networks  
Location aware networking  
Network dimensioning  
Network management  
Network traffic modelling and control  
Wireless ATM  
Wireless internet protocols

##### **Telecommunications: Network Services**

Internet and WWW services  
Internet telephony  
Multimedia databases  
Network games  
Video on demand  
Virtual reality

##### **Telecommunications: Digital Signal Processing**

Adaptive filtering  
Blind signal processing  
Coding for error-prone channels  
Computational auditory scene analysis  
Filter banks and wavelets

Image and video segmentation, compression and retrieval  
 Internet access technologies (xDSL)  
 Low-rate speech coding  
 Multirate signal processing  
 Wideband speech/audio coding  
 3D Audio objects and environments

#### **Intelligent Mechatronics: Automation**

Advanced control systems  
 Computer integrated manufacturing systems  
 Machine tool design  
 Machine vision  
 Mechatronics  
 Precision position and speed control  
 Real-time embedded Internet systems  
 Robotics and sensors  
 Telerobotics  
 Virtual surgery

#### **Intelligent Mechatronics: Applications**

Arc welding control  
 Renewable energy sources  
 Superconducting magnetic energy storage

#### **Power Engineering**

Equipment and susceptibility  
 Monitoring and analysis  
 Planning  
 Power electronics  
 Power quality  
 Variable speed drives

Note: not all areas are available for research at all levels, nor at all times.

## **Master of Engineering - Research**

Testamur Title of Degree:	Master of Engineering – Research
Abbreviation:	MEng - Res
Home Faculty:	Informatics
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Supervised individual research and face-to-face classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$9000 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1303
CRICOS Code:	042557D

### **Overview**

The aims of this program are to provide specialised research training for those preparing for careers in academia, government and industry; and to provide practising engineers with the means to increase their knowledge and upgrade their qualifications.

### **Entry Requirements/Assumed Knowledge**

This degree is primarily a research degree for those who have completed an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or a Master of Engineering Studies degree with a weighted average mark of 67.5% or higher, or equivalent, in one of the following areas: computer, electrical or telecommunications engineering, or related area. If a candidate has a good academic record, entry from a Pass Bachelor degree in computer, electrical, or telecommunications engineering, or related area, is possible.

### **Advanced Standing**

Candidates with an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or a Master of Engineering Studies degree with a weighted average mark of 67.5% or higher in computer, electrical, or telecommunications engineering or related area, or equivalent, may be given exemption from all, or some, of the 24 credit points of coursework. This would be contingent on evidence of considerable research strength.

## Course Requirements

The degree is normally 72 credit points, consisting of a 48 credit point research thesis and 24 credit points of coursework. The program must be completed in a maximum time of two years' full-time and requires satisfactory completion of the following:

- 1) 24 credit points of coursework, consisting of 900-level ECTE subjects chosen from those listed under the Master of Engineering Studies and approved by the Head of the School of Electrical, Computer and Telecommunications Engineering, in consultation with the School Postgraduate Research Committee, to constitute a coherent introduction to the proposed area of research; and
- 2) subject to students gaining a weighted average mark of 67.5% for the coursework, a 48 credit point thesis subject.

Candidates who fail to meet the requisite standard for the coursework component will be required to transfer to the Master of Engineering Studies.

## Current Research Areas

Refer to Current Research Areas under the Doctor of Philosophy entry.

## Other Information

Subject to satisfactory progress and satisfactory performance in seminars, students may transfer to the Doctor of Philosophy (PhD) program prior to completion of the Master of Engineering – Research.

## Master of Engineering Practice (Mechatronics)

This course is offered jointly by the Faculty of Engineering and the School of Electrical, Computer and Telecommunications Engineering. Details of the Entry Requirements and Program of Study are contained in the Faculty of Engineering entry.

Graduates interested in mechatronics who have an electrical, computer, electronic or related undergraduate degree, may also consider the Automation and Power Engineering Program, including the specialist mechatronics subjects within the Master of Engineering Studies.

## Master of Engineering Studies

Testamur Title of Degree:	Master of Engineering Studies
Abbreviation:	MEngStud
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	587
CRICOS Code:	012128G

## Overview

The objective of this program is to provide graduates with engineering skills at a level between the Bachelor and Masters by Research degree levels.

## Entry Requirements/Assumed Knowledge

A four-year degree equivalent to an Australian Bachelors, in Computer, Electrical, Electronics or Telecommunications Engineering.

## Course Requirements

Under the Masters Degree Rules, candidates must accumulate a total of not less than 48 credit points by the satisfactory completion of subjects, approved by the Head of School, as indicated below.

The complete list of subjects available under the Master of Engineering Studies is presented below. In any given year, the subjects presented under the individual programs that follow may be replaced by equivalent subjects from this list.

Graduates with an interest in mechatronics are invited to take specialised subjects from the Automation and Power Engineering program.

## Course Program

### List of MEngStud Subjects

Subjects	Session	Credit Points
ECTE901 Fast Signal Processing Algorithms	Autumn	6
ECTE902 Stochastic Signal Processing	N/A in 2004	6
ECTE903 Image and Video Processing	Spring	6
ECTE904 Adaptive Signal Processing	Autumn	6
ECTE905 Speech and Audio Processing	Spring	6
ECTE911 AC-Sourced Power Electronics	N/A in 2004	6
ECTE912 DC-Sourced Power Electronics	Autumn	6
ECTE913 Micro-Electronics	N/A in 2004	6
ECTE921 Power Quality	Spring	6
ECTE922 Power Quality Monitoring	N/A in 2004	6
ECTE923 Power Systems	Autumn	6
ECTE924 Power Systems Abnormalities	N/A in 2004	6
ECTE925 Industrial Drives and Actuators	Autumn	6
ECTE926 Power Equipment Design	Spring	6
ECTE931 Real-Time Computing	Autumn	6
ECTE932 Computer Systems	Autumn	6
ECTE941 Intelligent Control	Spring	6
ECTE942 Computer Controlled Systems	N/A in 2004	6
ECTE943 Digital Control	N/A in 2004	6
ECTE944 Identification and Optimal Control	N/A in 2004	6
ECTE953 Report	Autumn/ Spring	12
ECTE955 Advanced Laboratory	Autumn/ Spring	6
ECTE961 Telecommunications Queuing Theory	Autumn	6
ECTE962 Telecommunications System Modelling	Autumn	6
ECTE963 Transmission Systems	N/A in 2004	6
ECTE964 Antennas and Propagation	N/A in 2004	6
ECTE965 Wireless Communications	N/A in 2004	6
ECTE966 Spread Spectrum Communications	N/A in 2004	6
ECTE967 Mobile Networks	N/A in 2004	6
ECTE968 Error Control Coding	N/A in 2004	6
ECTE971 Robotics Manipulators	Spring	6
ECTE972 Robotics Sensory Control	Spring	6
ECTE981 Internet Protocols	N/A in 2004	6
ECTE982 Internet Engineering	Spring	6
ECTE983 Computer Networking	N/A in 2004	6
ECTE984 Network Design and Analysis	N/A in 2004	6
ECTE985 Internet Communications	Spring	6
ECTE986 Telecommunications Network Management	Spring	6

### Automation & Power Engineering Program

This program includes mechatronics studies. Students interested in mechatronics would complete a project in the mechatronics field in ECTE953 Report, and mechatronics laboratory work in ECTE955 Advanced Laboratory.

Subjects	Session	Credit Points
<b>Part A</b>		
Five subjects* from the list of subjects below:		
ECTE901 Fast Signal Processing Algorithms	Autumn	6
ECTE902 Stochastic Signal Processing	N/A in 2004	6
ECTE911 AC-Sourced Power Electronics	N/A in 2004	6
ECTE912 DC-Sourced Power Electronics	Autumn	6
ECTE921 Power Quality	Spring	6
ECTE923 Power Systems	Autumn	6
ECTE931 Real-Time Computing	Autumn	6
ECTE932 Computer Systems	Autumn	6
ECTE941 Intelligent Control	Spring	6
ECTE942 Computer Controlled Systems	N/A in 2004	6
ECTE963 Transmission Systems	N/A in 2004	6
ECTE971 Robotics Manipulators	Spring	6
ECTE972 Robotics Sensory Control	Spring	6
<b>Part B:</b> both of the following subjects:		
ECTE953 Report**	Autumn/ Spring	12
ECTE955 Advanced Laboratory***	Autumn/ Spring	6

\* Only a limited number of subjects will be available in any one year in Part A. As indicated above, the subjects listed in Part A may be replaced by equivalent subjects selected from the complete list given above. The Head of School may also approve relevant subjects from other programs. Under normal circumstances, this approval would not exceed subjects to a total value of 12 credit points.

\*\* With the approval of the Head of School, this subject may be replaced by two of the subjects listed in Part A.

\*\*\* With the approval of the Head of School, this subject may be replaced by one of the subjects listed in Part A.

## Computer & Telecommunications Engineering Program

Subjects	Session	Credit Points
<b>Part A: Five subjects* from the list of subjects below:</b>		
ECTE901 Fast Signal Processing Algorithms	Autumn	6
ECTE902 Stochastic Signal Processing	N/A in 2004	6
ECTE903 Image and Video Processing	Spring	6
ECTE905 Speech and Audio Processing	Spring	6
ECTE912 DC-Sourced Power Electronics	Autumn	6
ECTE931 Real-Time Computing	Autumn	6
ECTE932 Computer Systems	Autumn	6
ECTE941 Intelligent Control	Spring	6
ECTE942 Computer Controlled Systems	N/A in 2004	6
ECTE961 Telecommunications Queuing Theory	Autumn	6
ECTE962 Telecommunications System Modelling	Autumn	6
ECTE963 Transmission Systems	N/A in 2004	6
ECTE965 Wireless Communications	N/A in 2004	6
ECTE982 Internet Engineering	Spring	6
ECTE983 Computer Networking	N/A in 2004	6
ECTE985 Internet Communications	Spring	6
ECTE986 Telecommunications Network Management	Spring	6
<b>Part B: both of the following subjects:</b>		
ECTE953 Report**	Autumn/ Spring	12
ECTE955 Advanced Laboratory***	Autumn/ Spring	6

\* Only a limited number of subjects will be available in any one year in Part A. As indicated above, the subjects listed in Part A may be replaced by equivalent subjects selected from the complete list given above. The Head of School may also approve relevant subjects from other programs. Under normal circumstances, this approval would not exceed subjects to a total value of 12 credit points.

\*\* With the approval of the Head of School, this subject may be replaced by two of the subjects listed in Part A.

\*\*\* With the approval of the Head of School, this subject may be replaced by one of the subjects listed in Part A.

### Other Information

Students who have satisfactorily completed ECTE953 Report and who gain a weighted average mark of 67.5% or higher in the Master of Engineering Studies are eligible to enter the Master of Engineering – Research.

## Master of Internet Technology

Testamur Title of Degree:	Master of Internet Technology
Abbreviation:	MIT
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1513
CRICOS Code:	036463E

### Overview

The objective of the MIT degree is to provide advanced knowledge and specialist skills on a broad range of Internet technologies and systems.

The MIT degree is designed to enable a wide range of entry. It is suitable for candidates who wish to:

- Update their existing technical qualifications
- Gain a qualification to complement their significant experience in related fields; or
- Obtain a fundamental understanding of IT and how it affects their area of expertise.

### Entry Requirements/Assumed Knowledge

A three or four-year degree equivalent to an Australian Bachelors and completed within the last five years with a 60% average in Telecommunications, Computer or Electrical Engineering, Computer Science, Information Technology or related field; or a Graduate Diploma in Internet Technology.

Applicants with other degrees containing relevant computing content and /or who have at least two years Internet/computing work-related experience may be considered, or may be eligible for entry to the Graduate Diploma in Internet Technology.



## Course Requirements

The degree will normally occupy two sessions of full-time study, or part-time equivalent, and requires the satisfactory completion of 48 credit points of coursework subjects, including a project, as outlined in the following course program.

## Course Program

Subjects	Session	Credit Points
ECTE991 Internet Fundamentals	Autumn/ Spring	6
ECTE956 Internet Technology Laboratory*	Autumn/ Spring	6
Plus six subjects** from the following, of which three must be ECTE subjects:		
CSCI968 Network Security	Spring	6
ECTE992 Internet Networking Protocols	Autumn/ Spring	6
ECTE993 Wireline and Optical Communications	Spring	6
ECTE994 Wireless and Mobile Communication Systems	Autumn	6
ECTE995 Content Servers and Caching Technologies	Spring	6
ECTE996 Multimedia Communications	Autumn/ Spring	6
ECTE997 Web Technology and Applications	Autumn	6
IACS906 Business On-Line	Spring	6
IACS918 Corporate Network Management	Autumn	6
ITCS922 Computer Security	Autumn	6
ITCS937 Security, Risk Management and Control in Electronic Commerce	Autumn	6
Or		
ECTE991 Internet Fundamentals	Autumn/ Spring	6
ECTE956 Internet Technology Laboratory*	Autumn/ Spring	6
And		
ECTE957 Advanced Internet Project***	Autumn/ Spring	12
Plus four subjects** from the following, of which one must be an ECTE subject:		
CSCI968 Network Security	Spring	6
ECTE992 Internet Networking Protocols	Autumn/ Spring	6
ECTE993 Wireline and Optical Communications	Spring	6
ECTE994 Wireless and Mobile Communication Systems	Autumn	6
ECTE995 Content Servers and Caching Technologies	Spring	6
ECTE996 Multimedia Communications	Autumn/ Spring	6
ECTE997 Web Technology and Applications	Autumn	6
IACS906 Business On-Line	Spring	6
IACS918 Corporate Network Management	Autumn	6
ITCS922 Computer Security	Autumn	6
ITCS937 Security, Risk Management and Control in Electronic Commerce	Autumn	6

\* ECTE956 Internet Technology Laboratory must be undertaken in the first session of a student's enrolment.

\*\*Only a limited number of subjects will be available in any one session.

\*\*\*Entry to this subject is restricted to those students who gain a weighted average mark of 72.5% for the full-time first session load (i.e. four six credit point subjects, including ECTE956 Internet Technology Laboratory and ECTE991 Internet Fundamentals).

## Other Information

Students who have satisfactorily completed ECTE957 Advanced Internet Project and who gain a weighted average mark of 72.5% or higher in the Master of Internet Technology are eligible to enter the Master of Engineering – Research.

## Graduate Diploma in Internet Technology

Testamur Title of Degree:	Graduate Diploma in Internet Technology
Abbreviation:	GDipIT
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	-
CRICOS Code:	047175M

## Overview

The objective of this program is to provide state of the art knowledge and specialist skills on a broad range of Internet technologies and systems. It is suitable for candidates who have existing but limited ICT technical qualifications or who have significant experience in related fields, but wish to significantly upgrade their knowledge and understanding in this field. The Graduate Diploma in Internet Technology also provides a pathway to the Master of Internet Technology (MIT) degree.

## Entry Requirements/Assumed Knowledge

A three-year tertiary qualification, which must include the equivalent of first year mathematic, with a 60% average.

## Course Requirements

The Graduate Diploma in Internet Technology requires the satisfactory completion of a recommended program of study approved by the Head of School, consisting of 48 credit points of coursework subjects. Students will have the opportunity to gain general and specialist skills in diverse areas of internet technologies and their applications including:

- Programming and programming languages such as Java,
- Database systems,
- System level engineering principles and design,
- Electronics and communications, and
- Embedded internet systems.

State of the art practical exposure to internet technologies will be provided through advanced laboratory experiments and communication and group work skills.

On enrolment, each student will be considered individually and provided with detail of subjects recommended to suit their specific background.

## Other Information

Students who satisfactorily complete the Graduate Diploma in Internet Technology are eligible for entry to the Master of Internet Technology.

## School of Information Technology and Computer Science

### Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Informatics
Duration:	3 years or part-time equivalent
Total Credit Points:	48 cp per year
Delivery Mode:	Face-to-face, or combination of Face-to-face/distance
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$9000 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	001244E

## Overview

Doctor of Philosophy (PhD) candidates undertake in-depth research in order to make an original contribution to the body of knowledge in a chosen field of study. This qualification can lead to, or enhance, an academic career and is also highly regarded by public and private sectors employers.

## Entry Requirements / Assumed Knowledge

A four-year Honours Bachelor degree in Information and Communication Technology or Computer Science (a minimum of Class II, Division 2 or higher), or a Master of Information and Communication Technology – Research or Master of Computer Science – Research degree with strong performance in the 48 credit point thesis, or equivalent.

## Course Requirements

This program is 100% thesis. Candidates enrol in a 48 credit point thesis subject and repeat the same enrolment for each year of study, usually over three years of full-time study. Students may be required to attend lectures in relevant topics from time to time throughout the program.

## Current Research Areas

## Master of Information and Communication Technology - Research

Testamur Title of Degree:	Master of Information and Communication Technology – Research
Abbreviation:	MInfoTech - Res
Home Faculty:	Informatics
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Face-to-face, or combination of Face-to-face/Distance
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$9000 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1309
CRICOS Code:	042638C

### Overview

This program is designed to provide students with sound practice in research methods appropriate to the study of information and communication technology applications, and to prepare students for Doctor of Philosophy (PhD) level research.

### Entry Requirements / Assumed Knowledge

This is primarily a research degree for those who have completed an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or a Masters by coursework in Information and Communication Technology. If a candidate has a good academic record, entry from a Pass Bachelor degree, Pass Bachelor degree and Graduate Diploma, or Pass Bachelor Degree and Graduate Certificate, is possible.

### Advanced Standing

Candidates with an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or Masters by coursework degree, may be given exemption from all, or some, of the 24 credit points of coursework and admitted directly to the 48 credit point research thesis component. This is contingent on evidence of proven research experience.

### Course Requirements

The degree is normally 72 credit points, consisting of a 48 credit point research thesis and 24 credit points of coursework. The program must be completed in a maximum time of two years full-time and requires satisfactory completion of the following:

- 1) IACT940 Research Methodology (6cp)
- 2) Three subjects (18cp) from the IACT Graduate Subject List to constitute a coherent introduction to the proposed area of research, as agreed to by the Head of School. (Note: students must achieve at least a WAM of 67.5% in the coursework component); and
- 3) 48 credit point Thesis.

Candidates who fail to meet the requisite standard for the coursework component may have their enrolment cancelled. In this case, a candidate may be eligible to apply for one of the graduate certificates offered by the School or transfer to a 48 credit point Masters by coursework degree.

A candidate may not include for this degree subjects similar in content to subjects included in their honours or masters course.

Each candidate shall have a supervisor and a co-supervisor appointed on the recommendation of the Head of School of Information Technology and Computer Science.

### Current Research Areas

For areas of interest available to candidates undertaking the Master of Information and Communication Technology – Research, please refer to Current Research Areas under the Doctor of Philosophy entry.

## Master of Computer Science - Research

Testamur Title of Degree:	Master of Computer Science – Research
Abbreviation:	MCompSc – Res
Home Faculty:	Informatics
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Face-to-face, or combination of Face-to-face/Distance
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$9000 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1313
CRICOS Code:	042541A

## Overview

This program is designed to equip students with superior skills in research design and methodology in preparation for leadership roles in the field of computer science

## Entry Requirements / Assumed Knowledge

This is primarily a research degree for those who have completed an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or a Masters by coursework in Computer Science. If a candidate has a good academic record, entry from a Pass Bachelor degree, Pass Bachelor degree and Graduate Diploma, or Pass Bachelor Degree and Graduate Certificate, is possible.

## Advanced Standing

Candidates with an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or Masters by coursework degree, may be given exemption from all, or some, of the 24 credit points of coursework and admitted directly to the 48 credit point research thesis component. This is contingent on evidence of proven research experience.

## Course Requirements

The degree is normally 72 credit points, consisting of a 48 credit point research thesis and 24 credit points of coursework. The program must be completed in a maximum time of two years full-time and requires satisfactory completion of the following:

- 1) IACT940 Research Methodology (6cp)
- 2) Three subjects (18cp) from the CSCI Graduate Subject list to constitute a coherent introduction to the proposed area of research, as agreed to by Head of School. (Note: students must achieve at least a WAM of 67.5% in the coursework component); and
- 3) 48 credit point Thesis.

Candidates who fail to meet the requisite standard for the coursework component may have their enrolment cancelled. In this case, a candidate may be eligible to apply for one of the graduate certificates offered by the School or transfer to a 48 credit point Masters by coursework degree.

A candidate may not include for this degree subjects similar in content to subjects included in their honours or masters course. Each candidate shall have a supervisor and a co-supervisor appointed on the recommendation of the Head of the School of Information Technology and Computer Science.

## Current Research Areas

Refer to Current Research Areas under the Doctor of Philosophy entry.

## Master of Computer Science

Testamur Title of Degree:	Master of Computer Science
Abbreviation:	MCompSc
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	585
CRICOS Code:	012129F

## Overview

This degree is designed to provide advanced studies in Computer Science at a professional level and also prepare students for the Masters of Computer Science – Research or Doctoral research programs.

## Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a major in Computer Science, Software Engineering or Computer Engineering with at least a 60% average. Knowledge of C++ and UNIX is assumed.

## Course Requirements

The degree requires satisfactory completion of 900 level subjects to the value of at least 48 credit points, including:

- (a) five (5) subjects (30cp) selected from the CSCI Graduate Subjects List.

- (b) an additional three (3) subjects (18cp) selected from the CSCI Graduate Subjects List, the IACT Graduate Subjects List or the Graduate Additional Subjects List.

The registration of a candidate will be subject to termination if that candidate fails subjects to the total value of 18 or more credit points.

If a student wishes to undertake a 12 credit point project as part of this degree, please consult the course coordinator for enrolment advice.

## Master of Computer Studies

Testamur Title of Degree:	Master of Computer Studies
Abbreviation:	MCompStud
Home Faculty:	Informatics
Duration:	1.5-2 years or part time equivalent
Total Credit Points:	72
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1510
CRICOS Code:	034148K

### Overview

This course has been specifically designed to allow students with a Bachelor degree outside the computing field to gain a Master level qualification in the area.

### Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors in any discipline, with at least a 60% average.

### Course Requirements

Candidates must successfully complete 12 subjects, which includes:

- 1) Seven Core Subjects;
- 2) No more than (3) subjects selected from Elective Subjects List A; and
- 3) At least two (2) subjects selected from the Elective Subject List B.

### Course Program

Subjects	Session	Credit Points
<b>Core Subjects</b>		
MCS9102 Systems	Spring	6
MCS9103 Algorithms & Problem Solving	Autumn/ Spring	6
MCS9114 Procedural Programming	Autumn/ Spring	6
MCS9124 Object Programming	Spring	6
MCS9203 Algorithms & Data Structures	Autumn	6
MCS9204 C Family & Unix	Autumn/ Spring	6
MCS9212 Interacting Systems	Autumn	6
<b>Elective Subjects List A</b>		
Plus no more than 3 subjects from:		
MCS9112 Theory of Computer Science	Spring	6
MCS9201 Information Technology & Citizens' Rights	Autumn	6
MCS9205 Development Methods & Tools	Spring	6
MCS9213 Java Programming & the Internet	Autumn/ Spring	6
MCS9214 Distributed Systems	Spring	6
MCS9235 Database Systems	Autumn/ Spring	6
<b>Elective Subjects List B</b>		
Plus at least 2 subjects from:		
MCS9301 Information & Communication Security Issues	Spring	6
MCS9303 The Wired World	Spring	6
MCS9315 Database Design & Implementation	Autumn	6
MCS9317 Database Performance Tuning	Spring	6
MCS9322 Systems Administration	Spring	6
MCS9323 Artificial Intelligence	Spring	6
MCS9324 Human Computer Interface	Spring	6
MCS9334 Real Time Programming	Spring	6
MCS9337 Organisation of Programming Languages	Spring	6

MCS9361	Computer Security	Autumn	6
MCS9457	Advanced Databases	Spring	6

## Master of Digital Multimedia

Testamur Title of Degree:	Master of Digital Multimedia
Abbreviation:	MDigMmedia
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1542
CRICOS Code:	046873D

### Overview

Production units that write multimedia software for media creation and presentation via the web, videos, education, computer games or interactive DVDs require employees that have appropriate creative, as well as technical skills. This degree is designed to provide IT graduates with the opportunity to develop skills in both these areas through training in multimedia programming and creation, and in the use of professional multimedia tools.

### Entry Requirements/Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a major in Computer Science, Information Technology, Business Information Systems, Computer, Electrical or Telecommunications Engineering or related area, with at least a 60% average; or a Master of Computer Studies degree, or equivalent.

Applicants will also be required to submit a résumé and a photograph or image that they have produced with a half page essay on the topic "Why I took this photograph or created this image". Hard copy of image/photo must be provided with application.

### Course Requirements

Candidates must successfully complete 8 subjects, which includes:

- 1) Two Core Subjects (12cp); and
- 2) Six subjects (36cp) chosen from the list of electives below, or four subjects (24cp) plus the Multimedia Project (12cp).

### Course Program

Subjects	Session	Credit Points
<b>Core Subjects</b>		
ITCS940    Multimedia Programming Foundations	Autumn/ Spring	6
DESN921    Creative Industries – Design for Interactive Multimedia	Spring	6
<b>Elective Subjects</b>		
Plus 36 credit points from the following:		
CSCI944    Perception and Planning	Spring	6
CSCI946    Multimedia Studies	Autumn	6
ECTE996    Multimedia Communications	Autumn/ Spring	6
EDGI911    Information Technology in Education and Training	Autumn	6
ENGG923    Advanced Digital Sound & Imaging Techniques	N/A in 2004	6
ITCS932    Web Design	Spring	6
ITCS941    Multimedia Graphics	N/A in 2004	6
ITCS942    Multimedia 3D Modelling and Animation	N/A in 2004	6
ITCS943    Game Design and Programming	Autumn	6
ITCS945    Multimedia Project	Spring	12

## Master of Electronic Commerce

Testamur Title of Degree:	Master of Electronic Commerce
Abbreviation:	MElecComm
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1518
CRICOS Code:	042561G

### Overview

This degree is designed to prepare managers for the Electronic Commerce world. The recent surge in the use of the Internet to conduct all forms of business has left many graduates without the required skills to maximise their effectiveness in the new business economy. Employees skilled in electronic commerce concepts and practices will be well placed to operate more effectively and take advantage of the opportunities of doing business in the e-world.

### Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a 60% average, in Computer Science, Information Technology, Information Systems, Computer or Telecommunications Engineering, Commerce, Management or a related discipline.

An intensive five-week Pathways program is offered through Wollongong University College for those with little IT background.

### Course Requirements

Candidates must successfully complete 8 subjects, which includes:

- 1) Two Core Subjects (12cp);
- 2) Two subjects (12cp) from Group A (Applied eCommerce);
- 3) Two subjects (12cp) from Group B (eCommerce Management); and
- 4) Two electives (12cp) to be chosen from subjects in Group A, B or C or any other subject approved by the Course Coordinator/s.

Note: Any advanced standing granted for this course, will be deemed to be Electives not Core, students must still complete 12 credit points from Group A & 12 credit points from Group B.

### Course Program

Subjects	Session	Credit Points
<b>Core Subjects</b>		
ITCS938 eBusiness Technologies	Autumn	6
BUSS907 Fundamentals of eBusiness	Autumn/ Spring/ Summer	6
<b>Group A: Applied eCommerce</b>		
Students must choose at least 12 credit points from the following:		
BUSS909 Office Automation and Intranets	N/A in 2004	6
IACT901 IT Strategic Planning	Spring	6
IACT906 Business On-Line	Spring	6
IACT924 Corporate Network Design & Implementation	Spring	6
ITCS932 Web Design	Spring	6
ITCS936 Detailed Design of Integrated Solutions for eBusiness	Spring	6
ITCS937 Security, Risk Management & Control in Electronic Commerce	Autumn	6
ITCS950 Patterns for eBusiness	Autumn	6
ITCS951 Web Services for Dynamic eBusiness	Spring	6
<b>Group B: eCommerce Management</b>		
Students must choose at least 12 credit points from the following:		
ACCY936 Management & Information Systems	Autumn/ Spring	6
BUSS952 Strategic Information Systems Management	Autumn	6
BUSS953 Management of Information Systems Development	Spring	6
ECON915 Electronic Commerce & the Economics of Information	Spring	6
MARK901 Marketing on the Internet	Spring	6
TBS908* Supply Chain Management	Intake A/B/C/D	6
<b>Group C: Elective Subjects</b>		
ACCY901 Accounting for Managers	Autumn/ Spring	6
or		

TBS901*	Accounting for Managers	Intake A/B/C/D	6
BUSS950	Systems Development Methodologies	Autumn	6
BUSS951	Critical Issues in Information Systems	Spring	6
CSCI946	Multimedia Studies	Autumn	6
IACT917	Information Management	Autumn	6
ITCS923	The Wired World	Spring	6
ITCS933	Software Engineering Requirements & Specifications	Spring	6
ITCS934	Software Process Management	Autumn	6
MARK922	Marketing Management	Autumn	6
or			
TBS904*	Marketing Management	Intake A/B/C/D	6
TBS903*	Managing People in Organisations	Intake A/B/C/D	6
TBS905*	Economic Analysis of Business	Intake A/C/D	6
TBS906*	Information Systems for Managers	Intake A/B/C/D	6

\* Offered by the University of Wollongong Graduate School of Business and Professional Development. Start dates differ from the standard University Calendar.

## Other Information

Students may be able to undertake some subjects for this degree at the Sydney Business School. Please refer to the University Subject Database for availability.

## Master of Health Informatics

Testamur Title of Degree:	Master of Health Informatics
Abbreviation:	MHealthInfo
Home Faculty:	Informatics
Duration:	1 year or part time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5500 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1540
CRICOS Code:	046872E

## Overview

Health services in Australia, as in most countries, are experiencing a surge of interest and investment in e-health. This program is designed to provide IT professionals with a better understanding of the specifics of health informatics and provide health professionals with a better understanding of IT within their industry. The program aims to equip graduates with an understanding of the health sector, and of the application of relevant systems, in order to take on key roles in successful strategy development and health systems projects.

## Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a major in Informatics Technology, Computer Science, or a similar degree related to ICT, or a health science degree with an average of at least 60%, plus at least one year (full time) or two years (part-time) employment in a position related to Health.

## Course Requirements

Candidates must successfully complete 8 subjects, which includes:

- 1) Three Core Subjects (18cp); and
- 2) Five subjects (30cp) chosen from the list of electives below, or three subjects (18cp) plus the Research Report (12cp).

## Course Program

Subjects	Session	Credit Points
<b>Core Subjects</b>		
IACT917 Information Management	Autumn	6
ITCS929 Concepts and Issues in Healthcare Computing	Spring	6
ITCS930 Introduction to Health Informatics	Autumn	6
<b>Elective Subjects</b>		
Plus at least 30 credit points from the following*:		
GHMD909 Comparative Health Systems: Policies and Politics	Autumn	6
GHMD924 Health Information Systems	Autumn	6
GHMD983 Statistics in Health Research	Autumn	6



IACT901	IT Strategic Planning	Spring	6
IACT902	Applied Project Management	Autumn	6
IACT905	Information Technology and Innovation	Autumn	6
IACT906	Business On-Line	Spring	6
IACT940	Research Methodology	Autumn	6
IACT950	Research Report	Spring	6
INFO911	Data Mining and Knowledge Discovery	Spring	12
ITCS905	Information Technology B	Spring	6
ITCS908	Citizens' Rights in the Information Society	Autumn	6

or any other subject approved by the Head of School or the Course Co-ordinator/s.

\* Not all subjects may be available every year. In addition, an IT background is assumed for some of the listed electives. Students should consult with the course coordinator to ensure appropriate subjects chosen.

## Other Information

Students may be able to undertake some subjects for this degree at the Sydney Business School. Please refer to the University Subject Database for availability.

Students enrolled in the Master of Health Informatics may apply to graduate with a Graduate Certificate in Health Informatics after satisfactory completion of at least 24 credit points, which must include the three core subjects IACT917, ITCS929 and ITCS930, and one 6 credit point elective subject chosen from the above list.

## Master of Industry-based Information Technology

Testamur Title of Degree:	Master of Industry-based Information Technology
Abbreviation:	MIIT
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Modular face-to-face
Starting Session(s):	Negotiable
Standard Course Fee:	\$6000 per FT session (Wollongong)
Location:	Wollongong/off-shore*†
UOW Course Code:	1512
CRICOS Code:	Not Applicable

\* By request.

† This program is not available to international students on-shore.

## Overview

This industry-based degree has been specifically tailored for practising IT professionals, providing a deeper understanding of the issues that arise in the implementation and application of IT. The program informs and educates professionals about the organisational, economics, regulatory and socio-technical issues essential to the effective management of information technology.

The degree aims to improve the skills of professionals who are using the latest software technologies by providing a combined program of academic guidance to work-based activities plus traditional academic subjects, which can be offered off-campus in the form of short courses.

## Entry Requirements / Assumed Knowledge

Current employment in an information and/or communication technology (ICT) related field with:

- A three-year degree equivalent to an Australian Bachelors with an average of at least 60% and demonstrated IT knowledge; or
- Qualifications showing an appropriate balance between other academic or professional qualifications, and relevant professional experience in information and/or telecommunications technology.

Ideally, all candidates would have a minimum of two-years' professional experience in information and/or communication technology.

Each application will be considered on its merit.

Note: Enrolment may be through collaborative agreements with companies.

## Course Requirements

Candidates must successfully complete the following three components:

- 1) Core Professional Development (12cp);
- 2) Industry-based Project – ITCS949 MIIT Research Project (12cp); and

3) Four Academic subjects (24cp).

To be awarded with a major study, 3 subjects must be selected from one of the groups of subjects listed below.

Subjects	Session	Credit Points
<b>Software Engineering</b>		
CSCI925 Advanced Topics in Software Engineering	Autumn	6
CSCI957 Advanced Topics in Database Management	Spring	6
ITCS933 Software Engineering Requirements and Specifications	Spring	6
ITCS934 Software Process Management	Autumn	6
ITCS935 Software Engineering Formal Methods	Autumn	6
<b>Electronic Commerce</b>		
IACT901 IT Strategic Planning	Spring	6
IACT906 Business On-Line	Spring	6
IACT919 On-Line Information Services	Spring	6
ITCS931 Advanced Web Application Development	Spring	6
ITCS937 Security, Risk Management and Control in Electronic Commerce	Autumn	6
<b>Information Management</b>		
CSCI957 Advanced Topics in Database Management	Spring	6
IACT916 Organisational Issues in Information Technology	N/A in 2004	6
IACT917 Information Management	Autumn	6
IACT919 On-Line Information Services	Spring	6
IACT926 Information Society, Knowledge Work and Information Technology	N/A in 2004	6
ITCS936 Detailed Design of Integrated Solutions for eBusiness	Spring	6
<b>Multimedia</b>		
CSCI946 Multimedia Studies	Autumn	6
CSCI963 Advanced Computer Graphics	N/A in 2004	6
IACT931 Special Topics in Information Technology A	Spring	6
ITCS907 JAVA and the Internet	Autumn/ Spring	6
ITCS932 Web Design	Spring	6
<b>Enterprise Network Planning, Design and Management</b>		
IACT901 IT Strategic Planning	Spring	6
IACT918 Corporate Network Management	Autumn	6
IACT924 Corporate Network Design	Spring	6
ITCS937 Security, Risk Management and Control in Electronic Commerce	Autumn	6

### Other Information

Students may be able to undertake some subjects for this degree at the Sydney Business School. Please refer to the University Subject Database for availability.

Students enrolled in the MIIT may apply to graduate with a Graduate Certificate in Industry-based Information Technology after satisfactory completion of 24 credit points, chosen from any combination of the following:

- 1) 6cp for Core Professional Development
- 2) Industry-based Project – ITCS949 MIIT Research Project (12cp)
- 3) Up to three Academic subjects (18cp) chosen from the above list.

## Master of Information & Communication Technology

Testamur Title of Degree:	Master of Information and Communication Technology
Abbreviation:	MInfoTech
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring (Wollongong) Intake A, B, C, or D (Sydney)
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong and Sydney*
UOW Course Code:	581
CRICOS Code:	009250J

\* Part-time study is available through the Sydney Business School with evening/weekend classes.

## Overview

This degree is aimed primarily at graduates working in the ICT industry who will benefit from an in-depth study of the organisational, economic, regulatory and socio-technical issues that arise in the implementation and application of IT, and of how to effectively manage these issues.

## Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a 60% average in an area related to ICT (eg Computer Science, Information Technology, Business Information Systems, Computer Engineering, Electrical Engineering, Telecommunications Engineering), or a Graduate Certificate in Information and Communication Technology with a 60% average.

Applicants with a degree in any area plus at least one year full-time employment in the ICT industry will be considered.

Students with an average mark of at least 60% in their three-year Bachelor degree, but with no background in IT, may still apply, but will be required to take the Pathways Program prior to entry.

## Course Requirements

The degree requires satisfactory completion of 900 level subjects to the value of at least 48 credit points, including:

- (a) five (5) subjects (30cp) selected from the IACT Graduate Subjects List.
- (b) an additional three (3) subjects (18cp) selected from the IACT Graduate Subjects List, the CSCI Graduate Subjects List or the Graduate Additional Subjects List.

## Master of Information Technology Management

Testamur Title of Degree:	Master of Information Technology Management
Abbreviation:	MITM
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring (Wollongong) Intake A, B, C or D (Sydney) †
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong/Sydney/offshore*
UOW Course Code:	1509
CRICOS Code:	031283E

\* By request.

† Part-time study is available through the Sydney Business School with evening/weekend classes.

## Overview

The organisational challenge of introducing and managing information technology is daunting. Today's business requires IT strategic planning to be an integral part of the organisation's strategic plan. This degree is aimed primarily at professionals who wish to progress upwards or broaden their career opportunities in the ICT industry, and covers both IT strategic planning and implementation and organisational management.

## Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a 60% average in an area related to ICT (eg Computer Science, Information Technology, Business Information Systems, Computer Engineering, Electrical Engineering, Telecommunications Engineering).

Applicants with a degree in any area plus at least one year full time employment in the ICT industry will be considered.

Students with an average mark of at least 60% in their three-year Bachelor degree, but with no background in IT, may still apply, but will be required to take the Pathways Program.

Under special circumstances, applicants with other academic or professional qualifications, plus a minimum of five years full-time (or 10 years part-time) work experience in the ICT industry, may be considered by the Faculty.

## Course Requirements

Candidates must successfully complete eight subjects, including:

- 1) Four subjects from Group A; and
- 2) Four subjects from Group B.

In special circumstances 5 subjects from Group A and 3 subjects from Group B may be chosen.

Subjects		Session	Credit Points
<b>Group A</b>			
IACT901	IT Strategic Planning	Spring	6
IACT906	Business On-Line	Spring	6
IACT916	Organisational Issues in Information Technology	N/A in 2004	6
IACT917	Information Management	Autumn	6
IACT918	Corporate Network Management	Autumn	6
IACT919	On-line Information Services	Spring	6
IACT922	Case Studies in Information Technology Applications	Spring	6
ITCS936	Detailed Design of Integrated Solutions for eBusiness	Spring	6
ITCS937	Security, Risk Management & Control in Electronic Commerce	Autumn	6

Or any other subject approved by the Head of School

<b>Group B</b>			
BUSS952	Strategic Information Systems Management	Autumn	6
MARK901	Marketing on the Internet	Spring	6
TBS901*	Accounting for Managers	Intake A/B/C/D	6
TBS902*	Statistics for Decision Making	Intake B/C	6
TBS903*	Managing People in Organisations	Intake A/B/C/D	6
TBS904*	Marketing Management	Intake A/B/C/D	6
TBS906*	Information Systems for Managers	Intake A/B/C/D	6
TBS908*	Supply Chain Management	Intake A/B/C/D	6
TBS920*	International Business	Intake C/D	6
TBS929*	Management of Process Innovation	N/A in 2004	6
TBS950*	Quality in Management	Intake A/B/D	6
TBS981*	Employment Relations in an International Context	Intake A/B/C/D	6

or any other subject approved by the Head of School.

\*Offered by the University of Wollongong Graduate School of Business and Professional Development. Start dates differ from the standard University Calendar. Quotas may apply to TBS subjects offered at the Sydney Business School.

### Credit Towards Other Courses

This degree articulates into the Master of Business Administration (MBA). Only a further seven subjects will be required to gain the MBA degree. For further information on the MBA, please refer to the Graduate School of Business and Professional Development.

## Graduate Certificate in Health Informatics

Testamur Title of Degree:	Graduate Certificate in Health Informatics
Abbreviation:	GCertHealthInfo
Home Faculty:	Informatics
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5500 (local); \$8900 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	-
CRICOS Code:	046871F

### Overview

This graduate certificate is designed as an early exit point from the Master of Health Informatics degree.

### Entry Requirements / Assumed Knowledge

Refer to Master of Health Informatics.

### Course Requirements

Students enrolled in the Master of Health Informatics may apply to graduate with the Graduate Certificate in Health Informatics after satisfactory completion of 24 credit points, which must include the three core subjects IACT917, ITCS929 and ITCS930, and one 6 credit point subject chosen from the electives listed for the Master of Health Informatics.

### Other Information

Students may be able to undertake some subjects for this degree at the Sydney Business School. Please refer to the University Subject Database for availability.

## Graduate Certificate in Industry-based Information Technology

Testamur Title of Degree:	Graduate Certificate in Industry-based Information Technology
Abbreviation:	GCertIIT
Home Faculty:	Informatics
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Modular face-to-face
Starting Session(s):	Negotiable
Standard Course Fee:	\$6000 (Wollongong)
Location:	Wollongong/off-shore*†
UOW Course Code:	1140
CRICOS Code:	Not Applicable

\* By request.

† This program is not available to international students on-shore.

### Overview

This graduate certificate is designed as an early exit point from the Master of Industry-based Information Technology (MIIT) degree.

### Entry Requirements / Assumed Knowledge

Refer to Master of Industry-based Information Technology.

### Course Requirements

Students enrolled in the MIIT may apply to graduate with a Graduate Certificate in Industry-based Information Technology after satisfactory completion of 24 credit points, chosen from any combination of the following:

- 1) 6cp for Core Professional Development
- 2) Industry-based Project – ITCS949 MIIT Research Project (12cp)
- 3) Up to three Academic subjects (18cp) chosen from the subjects listed under the MIIT.

### Other Information

Students may be able to undertake some subjects for this degree at the Sydney Business School. Please refer to the University Subject Database for availability.

## Graduate Certificate in Information and Communication Technology

Testamur Title of Degree:	Graduate Certificate in Information and Communication Technology
Abbreviation:	GCertInfoTech
Home Faculty:	Informatics
Duration:	6 months or part-time equivalent
Total Credit Points:	24
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring (Wollongong) Intake A, B, C or D (Sydney)
Standard Course Fee:	\$6000 (local); \$8900 AUD per FT session (international)
Location:	Wollongong and Sydney*
UOW Course Code:	1111
CRICOS Code:	020196F

\* Part-time study is available through the Sydney Business School with evening/weekend classes.

### Overview

This program introduces information and communication technology (ICT) concepts, and provides students with the opportunity to obtain knowledge and skills required to effectively solve organisational, economic, regulatory and socio-technical problems that arise in the implementation and application of information technology (IT).

### Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors in an area related to ICT (eg, Computer Science; Information Technology; Business Information Systems; or Electrical, Computer or Telecommunications Engineering). Where academic qualifications are unrelated to the IT discipline, it is essential that the applicant has relevant IT work experience, normally at least one year full-time.

Applicants with other professional or academic qualifications, plus a minimum of five years full-time (or part-time equivalent) employment in the ICT industry, may be considered by the Faculty.

An intensive five-week Pathways program is offered through Wollongong University College for those with little IT background.

### Course Requirements

The degree requires satisfactory completion of 900 level subjects to the value of at least 24 credit points (4 subjects) chosen from the IACT Graduate Subjects List.

### Credit Towards Other Courses

Students who qualify for the Graduate Certificate in Information and Communication Technology and who have achieved an average mark of at least 60% will be able to proceed to the Master of Information and Communication Technology. Advanced standing of 24 credit points will be granted towards the Masters degree. The completion of the Masters degree will require the satisfactory completion of a further 24 credit points as specified in the schedule for that program.

### Other Information

Prior to the conferring of a Master of Information and Communication Technology upon a candidate who holds a Graduate Certificate in Information and Communication Technology of this University, the candidate shall surrender the testamur and all rights relating to the Graduate Certificate.

### CSCI Graduate Subjects List

Subjects		Session	Credit Points
CSCI907	Corba & Enterprise JAVA	Spring	6
CSCI908	Distributed JAVA	N/A in 2004	6
CSCI925	Topics in Software Engineering	Autumn	6
CSCI944	Perception and Planning	Spring	6
CSCI945	Parallel Computing	N/A in 2004	6
CSCI946	Multimedia Studies	Autumn	6
CSCI957	Advanced Topics in Database Management	Spring	6
CSCI963	Advanced Computer Graphics	N/A in 2004	6
CSCI964	Neural Computing	Autumn	6
CSCI965	Design and Analysis of Algorithms	N/A in 2004	6
CSCI966	Coding for Secure Communication	N/A in 2004	6
CSCI967	Complexity Theory	N/A in 2004	6
CSCI968	Network Security	Spring	6
CSCI971	Computer Security	Spring	6
CSCI974	Systems Analysis	N/A in 2004	6
CSCI991	Project	Annual	12
INFO911	Data Mining and Knowledge Discovery	Spring	6
INFO912	Mathematics for Cryptography	Autumn	6
INFO913	Information Theory	Spring	6
ITCS931	Advanced Web Application Development	Spring	6
ITCS932	Web Design	Spring	6
ITCS933	Software Engineering Requirements and Specifications	Spring	6

### IACT Graduate Subjects List

Subjects		Session	Credit Points
IACT901	IT Strategic Planning	Spring	6
IACT902	Applied Project Management	Autumn	6
IACT904	International Telecommunications Policy Issues	N/A in 2004	6
IACT905	Information Technology and Innovation	Autumn	6
IACT906	Business On-Line	Spring	6
IACT916	Organisational Issues in Information Technology	N/A in 2004	6
IACT917	Information Management	Autumn	6
IACT918	Corporate Network Management	Autumn	6
IACT919	On-line Information Services	Spring	6
IACT922	Case Studies in Information Technology Applications	Spring	6
IACT924	Corporate Network Design and Implementation	Spring	6
IACT926	Information Society, Knowledge Work and Information Technology	N/A in 2004	6
IACT930	Special Topics in Information and Communication Technology	Autumn	6
IACT931	Special Topics in Information and Communication Technology - A	Spring	6
IACT932	Special Topics in Information and Communication Technology - B	N/A in 2004	6
IACT933	Special Topics in Telecommunications Issues	N/A in 2004	6
ITCS929	Concepts and Issues in Healthcare Computing	Spring	6
ITCS930	Introduction to Health Informatics	Autumn	6
ITCS932	Web Design	Spring	6

ITCS936	Detailed Design of Integrated Solutions for eBusiness	Spring	6
ITCS937	Security, Risk Management and Control in Electronic Commerce	Autumn	6
ITCS938	eBusiness Technologies	Autumn	6
ITCS950	Patterns for eBusiness	Autumn	6
ITCS951	Web Services for Dynamic eBusiness	Spring	6

### Graduate Additional Subjects List

Subjects		Session	Credit Points
CSCI980	Preliminary Topics in Computer Science A	Autumn/ Spring	6
CSCI981	Preliminary Topics in Computer Science B	N/A in 2004	6
CSCI982	Preliminary Topics in Computer Science C	N/A in 2004	6
CSCI983	Preliminary Topics in Computer Science D	N/A in 2004	6
ITCS921	Database Design & Implementation	Autumn	6
ITCS922	Computer Security	Autumn	6
ITCS923	The Wired World	Spring	6
ITCS934	Software Process Management	Autumn	6
ITCS935	Software Engineering Formal Methods	Autumn	6
ITCS940	Multimedia Programming Foundations	Autumn/ Spring	6
ITCS941	Multimedia Graphics	N/A in 2004	6
ITCS942	Multimedia 3D Modelling and Animation	N/A in 2004	6
ITCS943	Game Design and Programming	Autumn	6

Any subject at 900 level from: BUSS, MATH, STAT, ECTE, TBS or any other 900 level subject approved by the Head of School.

Note that quotas may apply to TBS subjects offered at the Sydney Business School.

## School of Mathematics and Applied Statistics

### Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Informatics
Duration:	3 years or part-time equivalent
Total Credit Points:	48 cp per year
Delivery Mode:	Supervised individual research
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$7500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	001244E

### Overview

Doctor of Philosophy (PhD) candidates undertake in-depth research in order to make an original contribution to the body of knowledge in mathematical or statistical studies. This qualification can lead to, or enhance, an academic career and is highly regarded by private and public sector employers.

### Entry Requirements / Assumed Knowledge

A four-year Honours Bachelor degree in any relevant area of Mathematics or Statistics (a minimum of Class II, Division 2), or a Master of Science – Research (Mathematics) or (Statistics) with a strong performance in the 48-credit point thesis, or equivalent.

### Course Requirements

This program is 100% by thesis (carrying weighting of 48 credit points per year). Students may be required to attend lectures in relevant topics on occasion throughout the program.

### Current Research Areas

The following areas of research are currently available to students in Statistics:

- E-education
- Epidemiology
- Experimental design
- Multivariate analysis
- Non- and semi- parametrics
- Sample survey design, analysis and methodology
- Spatial statistics

- Time series analysis

The following areas of research are currently available to students in Mathematics:

- Algebra
- Analysis
- Combustion theory and dynamical systems
- Financial mathematics
- Industrial applications of mathematics
- Logic and type theory
- Number theory
- Numerical modelling: exact solutions of partial differential equations
- Solid and fluid mechanics
- Symmetry analysis: numerical solutions of partial differential equations
- Topology

### Other Information

It is possible to downgrade enrolment from a PhD to a Master of Science - Research, with the permission of the Head of School.

## Master of Science - Research (Mathematics)

Testamur Title of Degree:	Master of Science - Research
Abbreviation:	MSc-Res
Home Faculty:	Informatics
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Supervised individual research and face-to-face classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$7500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1304
CRICOS Code:	042542M

### Overview

This program is designed to consolidate and expand at an advanced level students' knowledge of their area of interest in mathematics. The degree will provide students with the skills required for sound practice in mathematics research in preparation for doctoral level research.

### Entry Requirements / Assumed Knowledge

This is primarily a research degree for those who have completed an Honours Bachelor degree at a standard of Class II, Division 2 or higher in Mathematics, or an equivalent Masters by coursework degree in Mathematics. Entry from a relevant Pass Bachelors degree, or Pass Bachelor degree and Graduate Diploma, with a very good academic record is also possible.

### Advanced Standing

Candidates with an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or an equivalent Masters by coursework degree may be given exemption from all, or some, of the 24 credit points of coursework and admitted directly to the 48 credit point thesis component.

### Course Requirements

The degree is normally 72 credit points, consisting of a 48-credit point research thesis and 24 credit points of coursework. The program must be completed in a maximum time of two years full time (or four years part-time) and requires satisfactory completion of the following:

- 1) 24 credit points of subjects chosen from the 900 level Mathematics subjects listed below, which together provide research skills and competencies required to complete a research project in Mathematics.
- 2) 48 credit point thesis.

The registration of a candidate will be subject to termination if that candidate fails subjects to the total value of 18 or more credit points.

Each candidate shall have a supervisor appointed on the recommendation of the Head of the School of Mathematics and Applied Statistics.



## 900-level Mathematics Subjects

Subjects		Session	Credit Points
MATH902	Solution of Differential Equations by One-Parameter Groups	Autumn	6
MATH903	Mean Periodic Functions	N/A in 2004	6
MATH904	Stability for Partial Differential Equations	N/A in 2004	6
MATH905	Functional Analysis and Control Theory	N/A in 2004	6
MATH912	Mathematics of Microwave Heating	Autumn	6
MATH913	Fluid Mechanics and Wave Theory	N/A in 2004	6
MATH915	Applied Nonlinear Partial Differential Equations	N/A in 2004	6
MATH916	Heat Conduction and Moving Boundary Problems	N/A in 2004	6
MATH917	Advanced Numerical Analysis	N/A in 2004	6
MATH918	Computational Fluid Mechanics	N/A in 2004	6
MATH921	Advanced Functional Analysis	N/A in 2004	6
MATH923	Measure and Integration	N/A in 2004	6
MATH924	Distributions	N/A in 2004	6
MATH925	Topics in Algebra	N/A in 2004	6
MATH926	Logic and Set Theory	Spring	6
MATH927	Combinatory Logic	N/A in 2004	6
MATH928	Advanced Measure Theory	N/A in 2004	6
MATH929	General Topology	N/A in 2004	6
MATH931	Statistical Behaviour in Dynamical Systems	Spring	6
MATH971	Advanced Topics in Applied Mathematics A	Autumn	6
MATH972	Advanced Topics in Applied Mathematics B	Autumn/ Spring	6
MATH973	Advanced Topics in Pure Mathematics A	N/A in 2004	6
MATH974	Advanced Topics in Pure Mathematics B	N/A in 2004	6
MATH980	Preliminary Topics in Mathematics A	Autumn	6
MATH981	Preliminary Topics in Mathematics B	Spring	6

Note: Subjects offered may change each year. Check the subject database or contact the School.

## Current Research Areas

For areas of interest available to candidates undertaking the Master of Science – Research (Mathematics), please refer to Current Research Areas under the Doctor of Philosophy entry.

## Other Information

Before the award Master of Science - Research (Mathematics) is conferred on a candidate who holds a testamur of the University of Wollongong for the degree of Master of Mathematics, the candidate shall surrender the testamur and the corresponding rights to the degree of Master of Mathematics.

It is possible to upgrade enrolment from a Master of Science (Research) to a PhD, in certain circumstances. Consult the General Rules, item 10.2 *Requirements for Research Subjects*, for details.

## Master of Science - Research (Statistics)

Testamur Title of Degree:	Master of Science - Research
Abbreviation:	MSc-Res
Home Faculty:	Informatics
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Delivery Mode:	Supervised individual research and face-to-face classes
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$7500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	1304
CRICOS Code:	042542M

## Overview

This program is designed to consolidate and expand at an advanced level students' knowledge of their area of interest in statistics. The degree will further enhance the analytical and communication skills required by a professional statistician, as well as provide students with the skills required for sound practice in statistics research in preparation for doctoral level research.

## Entry Requirements / Assumed Knowledge

This is primarily a research degree for those who have completed an Honours Bachelor degree at a standard of Class II, Division 2 or higher in Statistics, or an equivalent Masters by coursework degree in Statistics. Entry from a relevant Pass Bachelor degree, or Pass Bachelor degree and Graduate Diploma, with a very good academic record is also possible.

## Advanced Standing

Candidates with an Honours Bachelor degree at a standard of Class II, Division 2 or higher, or an equivalent Masters by coursework degree may be given exemption from all, or some, of the 24 credit points of coursework and admitted directly to the 48 credit point thesis component.

## Course Requirements

The degree is normally 72 credit points, consisting of a 48 credit point research thesis and 24 credit points of coursework. The program must be completed in a maximum time of two years full time (or four years part-time) and requires satisfactory completion of the following:

- 1) 24 credit points of subjects chosen from the 900 level Statistics subjects listed below, which together provide research skills and competencies required to complete a research project in Statistics.
- 2) 48 credit point thesis.

The registration of a candidate will be subject to termination if that candidate fails subjects to the total value of 18 or more credit points.

Each candidate shall have a supervisor appointed on the recommendation of the Head of the School of Mathematics and Applied Statistics.

## 900-level Statistics Subjects

Subjects	Session	Credit Points
STAT901 Modern Inference	Autumn	6
STAT902 Advanced Data Analysis	Autumn	6
STAT903 Survey Design and Analysis	Spring	6
STAT904 Statistical Consulting	Spring	6
STAT905 Time Series	N/A in 2004	6
STAT906 Experimental Design	N/A in 2004	6
STAT941 Statistical Quality Control 1	N/A in 2004	6
STAT942 Design and Analysis for Quality Control	N/A in 2004	6
STAT944 Regression and Observational Studies	N/A in 2004	6
STAT971 Preliminary Topics in Statistics A	Autumn	6
STAT972 Preliminary Topics in Statistics B	Autumn/ Spring	6
STAT981 Advanced Topics in Statistics A	Autumn	6
STAT982 Advanced Topics in Statistics B	N/A in 2004	6
STAT983 Advanced Topics in Statistics C	N/A in 2004	6

Note: Subjects offered may change each year. Check the subject database or contact the School.

## Current Research Areas

For areas of interest available to candidates undertaking the Master of Science – Research (Statistics), please refer to Current Research Areas under the Doctor of Philosophy entry.

## Other Information

Before the award Master of Science - Research (Statistics) is conferred on a candidate who holds a testamur of the University of Wollongong for the degree of Master of Statistics, the candidate shall surrender the testamur and the corresponding rights to the degree of Master of Statistics.

It is possible to upgrade enrolment from a Master of Science (Research) to a PhD, in certain circumstances. Consult the General Rules, item 10.2 *Requirements for Research Subjects*, for details.

## Master of Mathematics

Testamur Title of Degree:	Master of Mathematics
Abbreviation:	MMath
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS (local); \$7500 AUD per session (international)
Location:	Wollongong
UOW Course Code:	586
UAC Code:	N/A
CRICOS Code:	012130B

## Overview

This program is designed to consolidate and expand the mathematics knowledge gained by a student in an undergraduate program and to develop skills in undertaking mathematical research projects.

## Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a major in a relevant area of Mathematics, or equivalent.

Applicants with a tertiary qualification containing a minimum of two years of mathematics may be considered.

## Course Requirements

The degree will normally occupy two sessions of full-time study or four sessions of part-time study, and requires satisfactory completion of at least 48 credit points, as set out in the following course program.

The registration of a candidate will be subject to termination if that candidate fails subjects to the total value of 18 or more credit points.

Each candidate shall have a supervisor appointed on the recommendation of the Head of the School of Mathematics and Applied Statistics.

## Course Program

Subjects	Session	Credit Points
MATH991 Project	Annual	12
Plus at least 36 credit points chosen from the following list, as approved by the Head of School:		
MATH902 Solution of Differential Equations by One-Parameter Groups	Autumn	6
MATH903 Mean Periodic Functions	N/A in 2004	6
MATH904 Stability for Partial Differential Equations	N/A in 2004	6
MATH905 Functional Analysis and Control Theory	N/A in 2004	6
MATH912 Mathematics of Microwave Heating	Autumn	6
MATH913 Fluid Mechanics and Wave Theory	N/A in 2004	6
MATH915 Applied Nonlinear Partial Differential Equations	N/A in 2004	6
MATH916 Heat Conduction and Moving Boundary Problems	N/A in 2004	6
MATH917 Advanced Numerical Analysis	N/A in 2004	6
MATH918 Computational Fluid Mechanics	N/A in 2004	6
MATH921 Advanced Functional Analysis	N/A in 2004	6
MATH923 Measure and Integration	N/A in 2004	6
MATH924 Distributions	N/A in 2004	6
MATH925 Topics in Algebra	N/A in 2004	6
MATH926 Logic and Set Theory	Spring	6
MATH927 Combinatory Logic	N/A in 2004	6
MATH928 Advanced Measure Theory	N/A in 2004	6
MATH929 General Topology	N/A in 2004	6
MATH931 Statistical Behaviour in Dynamical Systems	Spring	6
MATH971 Advanced Topics in Applied Mathematics A	Autumn	6
MATH972 Advanced Topics in Applied Mathematics B	Autumn/ Spring	6
MATH973 Advanced Topics in Pure Mathematics A	N/A in 2004	6
MATH974 Advanced Topics in Pure Mathematics B	N/A in 2004	6
MATH980 Preliminary Topics in Mathematics A	Autumn	6
MATH981 Preliminary Topics in Mathematics B	Spring	6

Or any other 900 level subjects offered by the School of Mathematics and Applied Statistics, as approved by the Head of School.

Note: Subjects offered may change each year. Check the Subject Database or contact the School.

In exceptional circumstances and subject to approval by the Head of the School, up to two 6 credit point subjects may be replaced by 900 level subjects of the same value offered by Units other than the School of Mathematics and Applied Statistics.

## Other Information

Students who satisfactorily complete the Masters degree are eligible to enter the Master of Science - Research (Mathematics).

## Master of Statistics

Testamur Title of Degree:	Master of Statistics
Abbreviation:	MStat
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS (local); \$7500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	575
CRICOS Code:	016121D

### Overview

This program is designed to upgrade statistical skills, and to educate the candidate to undertake advanced statistical work in industry, commerce or government, including the ability to communicate effectively with the users of their skills.

### Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a major in Statistics (or a Graduate Diploma in Statistics), or equivalent. Applicants with a tertiary qualification containing a minimum of two years of statistics may be considered.

### Course Requirements

The degree will normally occupy two sessions of full-time study or four sessions of part-time study, and requires satisfactory completion of at least 48 credit points, as set out in the following course program.

The registration of a candidate will be subject to termination if that candidate fails subjects to the total value of 18 or more credit points.

Each candidate shall have a supervisor appointed on the recommendation of the Head of the School of Mathematics and Applied Statistics.

### Course Program

Subjects	Session	Credit Points
STAT990 Minor Project	Annual	6
or, with the approval of the Head of School, candidates may replace STAT990 with:		
STAT991 Project	Annual	12
<b>Electives</b>		
Plus at least 42 credit points (or 36 credit points if STAT991 is undertaken) chosen from the following list, as approved by the Head of School:		
STAT901 Modern Inference	Autumn	6
STAT902 Advanced Data Analysis	Autumn	6
STAT903 Survey Design and Analysis	Spring	6
STAT904 Statistical Consulting	Spring	6
STAT905 Time Series	N/A in 2004	6
STAT906 Experimental Design	N/A in 2004	6
STAT920 Stochastic Methods in Finance	Autumn	6
STAT941 Statistical Quality Control 1	N/A in 2004	6
STAT942 Design and Analysis for Quality Control	N/A in 2004	6
STAT944 Regression and Observational Studies	N/A in 2004	6
STAT971 Preliminary Topics in Statistics A	Autumn	6
STAT972 Preliminary Topics in Statistics B	Autumn/ Spring	6
STAT981 Advanced Topics in Statistics A	Autumn	6
STAT982 Advanced Topics in Statistics B	N/A in 2004	6
STAT983 Advanced Topics in Statistics C	N/A in 2004	6

Or any other 900 level subjects offered by the School of Mathematics and Applied Statistics, as approved by the Head of School.

Note: Subjects offered may change each year. Check the subject database or contact the School.

In exceptional circumstances and subject to approval by the Head of the School, up to two 6 credit point subjects may be replaced by other 900 level subjects of the same or greater value.

### Other Information

Students who satisfactorily complete the Masters degree are eligible to enter the Masters of Science – Research (Statistics).

## Master of Financial Mathematics\*

Testamur Title of Degree:	Master of Financial Mathematics
Abbreviation:	MFinMath
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	50
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$5800 (local); international course fee not available
Location:	Wollongong
UOW Course Code:	-
CRICOS Code:	-

\* Subject to final approval by University Council

### Overview

To provide students with a first degree in areas such as mathematics, finance, economics, business, engineering or science with training in quantitative financial analysis and a range of analytical, statistical, computational and modelling skills needed for the formulation, implementation and evaluation of models in the financial sector to structure transactions, evaluate financial derivatives, manage risk and construct investment strategies.

### Entry Requirements / Assumed Knowledge

A three-year degree equivalent to an Australian Bachelors with a major in mathematics or statistics.

Applicants with other three-year degrees will be considered if they possess a substantial background in mathematics (including calculus, linear algebra, differential equations, probability and statistics) equivalent to at least a second-year Bachelors' level.

### Course Requirements

The degree will normally occupy two sessions of full-time study or four sessions of part-time study, and requires satisfactory completion of at least 50 credit points, as set out in the following course program.

### Course Program

Subjects		Session	Credit Points
FIN920	Advanced Risk & Insurance	Spring	6
FIN921	Managerial Finance	Autumn	6
MATH941	Financial Calculus & Logistics	Autumn	6
MATH942	Numerical Methods	Spring	6
MATH943	Practitioners' Seminars	Annual	2
STAT920	Stochastic Methods in Finance	Autumn	6
STAT921	Multiple Regression & Time Series	Spring	6
Plus two subjects chosen from:			
STAT922	Statistical Inference & Multivariate Analysis	Autumn	6
STAT923	Operations Research & Applied Probability	Spring	6
FIN922	Investment Analysis	Autumn	6
FIN923	Investment Management	Spring	6

## Graduate Diploma in Statistics

Testamur Title of Degree:	Graduate Diploma in Statistics
Abbreviation:	GDipStat
Home Faculty:	Informatics
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS (local); \$7500 AUD per FT session (international)
Location:	Wollongong
UOW Course Code:	665
CRICOS Code:	001251F

### Overview

This program is intended for students with limited or no background in statistics but who have the equivalent of first year mathematics. Students can update or improve their statistical skills to Bachelor level and gain entry to the Master of Statistics program.

**Entry Requirements / Assumed Knowledge**

A three-year degree equivalent to an Australian Bachelors, which must include the equivalent of first-year mathematics.

**Course Requirements**

The graduate diploma will normally occupy two sessions of full-time study or four sessions of part-time study, and requires the satisfactory completion of at least 48 credit points, with the following requirements:

- 1) At least 36 credit points are to be chosen from those subjects listed in the Bachelor of Mathematics and Master of Statistics course structures, including at least 24 credit points of 300-level or 900-level subjects.
- 2) Candidates are not to include subjects which, in the opinion of the Head of School, are equivalent in content to those for which credit has already been obtained towards some other degree or diploma;
- 3) The chosen program is to be approved by the Head of School prior to enrolment.

**Other Information**

Students who satisfactorily complete the Graduate Diploma are eligible to enter the Masters of Statistics.

# Faculty of Law

## Courses Offered

### Research

Doctor of Philosophy  
Master of Laws – Research  
Master of Laws - Research (Natural Resources Law)  
Master of Laws - Research (Court Management)  
Master of Court Management – Research  
Master of Maritime Studies – Research  
Master of Natural Resources Law – Research

### Coursework

Master of Laws (International and Comparative)  
Master of Maritime Studies  
Master of Transnational Crime Prevention  
Graduate Diploma in Legal Practice  
Graduate Certificate in Maritime Studies  
Graduate Certificate in Transnational Crime Prevention

## Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Law
Duration:	3 years or part-time equivalent
Total Credit Points:	48cps per annum
Delivery Mode:	Supervised individual research
Standard Course Fee:	HECS exempt (local); \$8250 AUD per FT session (International)
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	028400J

### Overview

Doctor of Philosophy (PhD) candidates undertake in-depth research in order to make an original contribution to the body of knowledge in law.

### Entry Requirements / Assumed Knowledge

An undergraduate degree from a recognised institution with Honours Class II, Division 2 or above. Applicants who do not possess such a degree may be permitted to demonstrate capacity for research, for example by first completing a Special Research Paper in Law and should contact the Faculty of Law's Postgraduate Co-ordinator.

### Course Requirements

The requirement of the degree is the satisfactory completion of a major thesis to the value of 48 credit points.

### Course Program

Subjects	Session	Credit Points
THES924 Major Thesis - full time students	Autumn/Spring	48
THES912 Major thesis - part time students	Autumn/Spring	48

### Current Research Areas

Anti-discrimination law	Information technology law
Biotechnology and the law	Insurance law
Commercial and finance law	Intellectual property law
Company law	International law
Comparative law	Jurisprudence and legal theory
Conflict of laws	Law and literature
Constitutional law	Law relating to evidence, remedies and court procedure
Consumer protection law	Law relating to the sea
Contract law	Maritime Policy
Court policy and administration	Natural resources law
Criminal law	Property law
Cross-cultural legal issues	Refugee law
Dispute Resolution	Regulation of economic activity
Environmental and planning law	Sociology and law
Family law and welfare policy	Taxation law and practice
Feminism and law	Torts
Indigenous people and law	Transnational crime
Industrial relations law	Trusts and equity



## Master of Laws - Research

Testamur Title of Degree:	Master of Laws – Research
Abbreviation:	MLaws - Res
Home Faculty:	LAW
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72cps
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8250 AUD per FT session (International)
Location:	Wollongong
UOW Course Code:	1311
CRICOS Code:	042525A

### Overview

This research program is designed for students to complete a thesis in relation to a discipline of Law.

### Entry Requirements / Assumed Knowledge

An undergraduate degree in Law from a recognised institution, or recognised overseas equivalent.

### Advanced Standing

Some students may be exempt from LAW993 Research Project (Minor Thesis) if they have completed a substantial piece of written research as part of their Honours Law Degree at undergraduate level.

### Course Requirements

Students enrolling in the Master of Laws – Research program will complete a 48 credit point research paper (THES924 Major Thesis) and, as part of this degree, students are required to complete 24 credit points of coursework prior to completion of the 48 credit point research thesis.

### Course Program

Subjects	Session	Credit Points
<b>Prescribed Subjects</b>		
LAW993 Research Project (minor thesis)	Autumn/Spring	8
LAW994 Research Proposal	Autumn/Spring	8
<b>Plus one 8 credit point subject relevant to the particular needs of the student chosen from the following:</b>		
SOC306 Research Everyday Life	Autumn	8
SOC933 Advanced Research Techniques	Spring	8
LLB9337 Comparative Studies in Law	Spring	8
LLB9100 Introduction to Legal Systems	Autumn/Spring	8
<b>Plus 48 credit points in one of the following subjects depending on whether you are part-time or full-time:</b>		
THES924 Major Thesis - full time students	Autumn/Spring	48
THES912 Major thesis - part time students	Autumn/Spring	48

### Current Research Areas

Refer to listing under PhD entry.

## Master of Laws - Research (Natural Resources Law)

Testamur Title of Degree:	Master of Laws – Research (Natural Resources Law)
Abbreviation:	MLaws - Res (NRL)
Home Faculty:	LAW
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8250 AUD per FT session (International)
Location:	Wollongong
UOW Course Code:	1311
CRICOS Code:	042525A

### Overview

This research program is designed for students to complete a thesis in relation to a discipline of Law and Natural Resources

### Entry Requirements / Assumed Knowledge

An undergraduate degree in Law from a recognised institution, or recognised overseas equivalent.

### Advanced Standing

Some students may be exempt from LAW993 Research Project (Minor Thesis) if they have completed a substantial piece of written research as part of their Honours Law Degree at undergraduate level.

### Course Requirements

Students enrolling in the Master of Laws – Research (Natural Resources Law) program will complete a 48 credit point research paper (THES924 Major Thesis) and, as part of this degree, students are required to complete 24 credit points of coursework prior to completion of the 48 credit point research thesis.

### Course Program

Subjects		Session	Credit Points
LAW993	Research Project (minor thesis)	Autumn/Spring	8
LAW994	Research Proposal	Autumn/Spring	8
<b>Plus one 8 credit point subject relevant to the particular needs of the student chosen from the following:</b>			
SOC306	Research Everyday Life	Autumn	8
SOC933	Advanced Research Techniques	Spring	8
LLB9337	Comparative Studies in Law	Spring	8
LLB9100	Introduction to Legal Systems	Autumn/Spring	8
<b>Plus 48 credit points in one of the following subjects depending on whether you are part-time or full-time:</b>			
THES924	Major Thesis - full time students	Autumn/Spring	48
THES912	Major thesis - part time students	Autumn/Spring	48

## Master of Laws – Research (Court Management)

Testamur Title of Degree:	Master of Laws – Research (Court Management)
Abbreviation:	MLaws - Res (CM)
Home Faculty:	LAW
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8250 AUD per FT session (International)
Location:	Wollongong
UOW Course Code:	1311
CRICOS Code:	042525A

### Overview

This research program is designed for students to complete a thesis in relation to a discipline of Law and Court Policy and Administration.

## Entry Requirements / Assumed Knowledge

An undergraduate degree in Law from a recognised institution, or recognised overseas equivalent.

## Advanced Standing

Some students may be exempt from LAW993 if they have completed a substantial piece of written research as part of their Honours Degree at undergraduate level.

## Course Requirements

Students enrolling in the Master of Laws – Research (Court Management) program will complete a 48 credit point research paper (THES924 Major Thesis) and, as part of this degree, students are required to complete 24 credit points of coursework prior to completion of the 48 credit point research thesis.

## Course Program

Subjects	Session	Credit Points
LAW993 Research Project (minor thesis)	Autumn/Spring	8
LAW994 Research Proposal	Autumn/Spring	8
<i>Plus one 8 credit point subject relevant to the particular needs of the student chosen from the following:</i>		
SOC306 Research Everyday Life	Autumn	8
SOC933 Advanced Research Techniques	Spring	8
LLB9337 Comparative Studies in Law	Spring	8
LLB9100 Introduction to Legal Systems	Autumn/Spring	8
<i>Plus 48 credit points in one of the following subjects depending on whether you are part-time or full-time:</i>		
THES924 Major Thesis - full time students	Autumn/Spring	48
THES912 Major thesis - part time students	Autumn/Spring	48

## Master of Court Management – Research

Testamur Title of Degree:	Master of Court Management - Research
Abbreviation:	MCourtMgmt - Res
Duration:	1.5 years or part-time equivalent
Home Faculty:	LAW
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8250 AUD per FT session (International)
Total Credit Points:	72
Location:	Wollongong
UOW Course Code:	1319
CRICOS Code:	042536J

## Overview

The program is designed to provide research opportunities for qualified candidates interested in policy and management of courts, tribunals and justice systems.

## Entry Requirements / Assumed Knowledge

A recognised undergraduate degree.

## Advanced Standing

Some students may be exempt from LAW993 if they have completed a substantial piece of written research as part of their Honours Degree at undergraduate level.

## Course Requirements

Students enrolling in the Master of Court Management – Research program will complete a 48 credit point research paper (THES924 Major Thesis) and, as part of this degree, students are required to complete 24 credit points of coursework prior to completion of the 48 credit point research thesis.

## Course Program

Subjects		Session	Credit Points
LAW993	Research Project (minor thesis)	Autumn/Spring	8
LAW994	Research Proposal	Autumn/Spring	8
<b>Plus one 8 credit point subject relevant to the particular needs of the student chosen from the following:</b>			
SOC306	Research Everyday Life	Autumn	8
SOC933	Advanced Research Techniques	Spring	8
LLB9337	Comparative Studies in Law	Spring	8
LLB9100	Introduction to Legal Systems	Autumn/Spring	8
<b>Plus 48 credit points in one of the following subjects depending on whether you are part-time or full-time:</b>			
THES924	Major Thesis - full time students	Autumn/Spring	48
THES912	Major thesis - part time students	Autumn/Spring	48

## Master of Maritime Studies - Research

Testamur Title of Degree:	Master of Maritime Studies - Research
Abbreviation:	MMaritimeStud - Res
Home Faculty:	LAW
Starting Session(s):	Autumn/Spring
Duration:	1.5 years or part-time equivalent
Standard Course Fee:	HECS exempt (local), \$8250 AUD per FT session (International)
Total Credit Points:	48
Campus:	Wollongong
UOW Course Code:	1320
CRICOS Code:	045472G

### Overview

The course is a research degree with a specialisation in Maritime Studies.

### Entry Requirements / Assumed Knowledge

Students should have an undergraduate degree in any discipline from a recognised institution (or equivalent); or a University of Wollongong Graduate Certificate in Maritime Studies; or relevant professional experience.

### Course Requirements

Students enrolling in the Master of Maritime Studies – Research program will be required to complete a 48 credit point thesis plus 24 credit points of coursework prior to completion of the thesis. Some students may be exempt from all or part of the coursework requirement depending on their research/academic and/or professional experience.

### Course Program

Subjects		Session	Credit Points
CMP911	Research Project in Maritime Studies	Autumn/Spring	8
<b>Plus two 8 credit points subjects relevant to the particular needs of the student chosen from the Master of Maritime Studies coursework schedule, or other subjects approved by the Course Co-ordinator.</b>			
<b>Plus 48 credit points in one of the following subjects depending on whether you are part-time or full-time:</b>			
THES924	Major Thesis - full time students	Autumn/Spring	48
THES912	Major thesis - part time students	Autumn/Spring	24

## Master of Natural Resources Law - Research

Testamur Title of Degree:	Master of Natural Resources Law - Research
Abbreviation:	MNRL – Res
Home Faculty:	LAW
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72cps
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS exempt (local); \$8250 AUD per FT session (International)
Location:	Wollongong
UOW Course Code:	1318
CRICOS Code:	042537G

## Overview

This course enables students to complete supervised research in an area of Natural Resources Law .

## Entry Requirements / Assumed Knowledge

A recognised undergraduate degree.

## Advanced Standing

Some students may be exempt from LAW993 if they have completed a substantial piece of written research as part of their Honours Degree at undergraduate level.

## Course Requirements

Students enrolling in the Master of Natural Resources Law – Research program will complete a 48 credit point research paper (THES924 Major Thesis) and, as part of this degree, students are required to complete 24 credit points of coursework prior to completion of the 48 credit point research thesis.

## Course Program

Subjects	Session	Credit Points
LAW993 Research Project (minor thesis)	Autumn/Spring	8
LAW994 Research Proposal	Autumn/Spring	8
<b>Plus one 8 credit point subject relevant to the particular needs of the student chosen from the following:</b>		
SOC306 Research Everyday Life	Autumn	8
SOC933 Advanced Research Techniques	Spring	8
LLB9337 Comparative Studies in Law	Spring	8
LLB9100 Introduction to Legal Systems	Autumn/Spring	8
<b>Plus 48 credit points in one of the following subjects depending on whether you are part-time or full-time:</b>		
THES924 Major Thesis - full time students	Autumn/Spring	48
THES912 Major thesis - part time students	Autumn/Spring	48

## Master of Laws (International and Comparative)

Testamur Title of Degree:	Master of Laws (International and Comparative)
Abbreviation:	LLM (I & C)
Home Faculty:	Law
Duration:	1 year
Total Credit Points:	48
Starting Session(s):	Autumn/Spring
Course Fee:	\$8,250 per session AUD (international)
Location:	Wollongong
UOW Course Code:	584
CRICOS Code:	012118J

## Overview

This program is designed to introduce students from a range of different countries and legal systems to the principles of international and comparative law. Students may also study and research various aspects of natural resources law, commercial law and the Anglo-American system of common law as it is practised in Australia. Options cater to students from civil law and common law countries and those who do not use English as their language of first choice.

## Entry Requirements / Assumed Knowledge

An undergraduate degree in law from a recognised institution, or recognised overseas equivalent.

## Course Requirements

Students complete 48 credit points, comprising compulsory subjects, research essay and other subjects chosen to complement the student's background and interests.

## Course Program

Subjects	Session	Credit Points
<b>Prescribed Subjects</b>		
LLB9100 Introduction to Legal Systems	Autumn/Spring	8
LLB9343 International Law	Autumn	8
LLB9337 Comparative Studies in Law	Spring	8
LAW 993 Research Essay	Autumn/Spring	8
<b>Options: Language</b>		
ELL901 English for Postgraduate Studies 1	Autumn	6
or ELL903 English for Postgraduate Studies 2	Spring	6
LLB9395 Legal Research & Writing	Autumn/Spring	2
<b>Options: Natural Resources/Environmental Law</b>		
LLB911 Introduction to Natural Resources Law	*	8
LAW924 International Environmental Law	*	8
LLB918 Law of Land and Nature Conservation	*	8
LAW922 International Maritime Environmental Law	*	8
LLB919 Water Resources Law	*	8
LLB920 Local Government and Natural Resources Law	*	8
<b>Options: International Law</b>		
LAW922 International Maritime Environmental Law	*	8
LAW923 Law of the Sea	*	8
LAW924 International Environmental Law	*	8
LLB9344 Indigenous Peoples and Legal Systems	*	8
<b>Options: Commercial Law</b>		
LLB9320 Commercial and Consumer Contracts	*	8
LLB9331 Intellectual Property Law	*	8
LLB9360 Foreign Investment in the People's Republic of China	*	8
<b>Options: Industrial Relations Law</b>		
LLB9330 Law of Employment	Autumn	8
LLB9332 Labour Relations Law	Spring	8
LLB9335 Anti-Discrimination Law	Spring	8
<b>Options: Common Law</b>		
LLB9210 Law of Contracts	Spring	8
LLB9301 Evidence	Spring	8
LLB9304 Criminal Law	Autumn	8
LLB9305 Law of Property A	Autumn	8
LLB9307 Law of Torts	Autumn	8
LLB9344 Indigenous Peoples and Legal Systems	*	8
LLB9348 Media Law	*	8
LLB9350 Special Study in Law A	Autumn/Spring	8
LLB9351 Special Study in Law B	Autumn/Spring	8
LLB9360 Foreign Investment Law in the People's Republic of China	*	8
LLB9362 Advanced Revenue Law	*	8
<b>*NOTE:</b> Not all optional subjects are offered every year. Students are advised to contact the Faculty before enrolling.		

## Master of Maritime Studies

Testamur Title of Degree:	Master of Maritime Studies
Abbreviation:	MMaritimeStud
Home Faculty:	LAW
Duration:	1 year or part-time equivalent
Total Credit Points:	48cp
Starting Session(s):	Autumn/Spring
Course Fee:	\$10,000 (local), \$8250 AUD per FT session (International)
Campus:	Wollongong
UOW Course Code:	AN520, DE520, FP520
CRICOS Code:	042637D

## Overview

The program is designed to meet the professional development requirements of those working in marine fields, such as navies, relevant government departments and agencies, NGOs and the private sector, or those who intend to pursue a career in a maritime or related field.

## Entry Requirements / Assumed Knowledge

Prospective students should possess a Bachelor's degree or equivalent or an appropriate professional background.

## Advanced Standing

Students who have completed the Graduate Certificate in Maritime Studies may be eligible for 8 credit points of advanced standing in recognition of professional experience or prior learning.

## Course Requirements

Satisfactory completion of 48 credit points comprising 16 credit points of compulsory subjects and 32 credit points of elective subjects.

### Course Program

Subjects	Session	Credit Points
<b>Prescribed Subjects</b>		
CMP902 Law of the Sea	Autumn/Spring	8
CMP11 Research Project	Autumn/Spring	8
<b>Elective Subjects</b>		
CMP901 Strategy and Sea Power	Autumn/Spring	8
CMP904 Maritime Regulation and Enforcement	Autumn/Spring	8
CMP905 Legal Regulation of Shipping	Spring	8
CMP906 Comparative Oceans Policy and Management	Autumn/Spring	8
CMP907 Shipping and Ports	Autumn/Spring	8
CMP908 Contemporary Maritime Issues in the Asia-Pacific Region	Spring	8
CMP909 International Marine Environmental Law and Management	Autumn/Spring	8
CMP910 Special Topic in Maritime Studies	Autumn/Spring	8
CMP912 Minor Thesis in Maritime Studies	Autumn/Spring	8
CMP913 Integrated marine and Coastal Management	Autumn/Spring	8
CMP914 International Fisheries Law	Autumn/Spring	8
CMP915 Fisheries Management Law	Autumn/Spring	8
<b>NOTE:</b> Not all the subjects are offered every year. Students are advised to contact the course Co-ordinator before enrolling.		

## Master of Transnational Crime Prevention

Testamur Title of Degree:	Master of Transnational Crime Prevention
Abbreviation:	MTransCrimePrev
Home Faculty:	LAW
Duration:	1 year or part-time equivalent
Total Credit Points:	48cps
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$7000 (local); \$8250 AUD per FT session (International)
Location:	Wollongong
UOW Course Code:	1516, FP1516
CRICOS Code:	037086F

## Overview

This program is designed for students from law enforcement agencies and the private sector, including police, customs, anti-corruption, immigration, banking, finance, accounting and other institutions from Australia, the Asia-Pacific region and beyond.

## Entry Requirements / Assumed Knowledge

Students should be graduates or have extensive relevant experience at a high level.

English language requirements:

IELTS overall band 7.0 or

IELTS overall band 6.0 with attendance in either ELL901 English for Postgraduate Studies 1 in Autumn Session or ELL903

English for Postgraduate Studies 2 in Spring Session.

## Advanced Standing

Students successfully completing the Graduate Certificate in Transnational Crime Prevention have the option to articulate to this course.

## Course Requirements

Satisfactory completion of subjects to the value of 48 credit points chosen from the course program.

## Course Program

Subjects	Session	Credit Points
<b>Prescribed Subjects</b>		
LEGL910 International Cooperation in Crime Prevention	Autumn	4
LEGL911 International Criminal Law	Autumn	4
LEGL912 Comparative Criminal Justice	Autumn	4
LEGL920 Transnational Corporate Crime	Spring	4
LEGL921 Crime & Transnational Financial Transactions	Autumn	4
LEGL922 Financial Investigations Practice & Procedure	Spring	4
LEGL923 Crime & Information Technology Regulation	Spring	4
LEGL930 Legal Research & Writing	Autumn	2
LEGL931 Computing & Statistical Skills	Autumn	2
LEGL940 Transnational Organised Crime	Spring	8
<b>Plus one of the following electives:</b>		
LEGL950 Transnational Crime Prevention Research Project	Autumn/Spring/Summer	8
LEGL951 Special Studies in Transnational Crime Prevention and investigation	Autumn/Spring/Summer	8

## Graduate Diploma in Legal Practice

Testamur Title of Degree:	Graduate Diploma in Legal Practice
Abbreviation:	GDipLegPrac
Home Faculty:	LAW
Duration:	20 weeks or part-time equivalent
Total Credit Points:	48cp
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$6,000 total (local); \$8250 per session AUD (International)
Location:	Wollongong
UOW Course Code:	637, FP637
CRICOS Code:	030380A

## Overview

This course provides law graduates with the opportunity to complete, through a flexible learning delivery mode, the admission requirements to practise as a solicitor in New South Wales, Australia. It aims to produce graduates who are client-centred, reflective, skilful, resourceful and creative, ethical, and adaptable to change.

## Entry Requirements / Assumed Knowledge

A University of Wollongong LLB degree or a law degree from an accredited tertiary institution, including the successful completion (pass level) of the equivalent of the University's skills training and legal profession studies subjects (ie, skills training, conveyancing, litigation practice and professional responsibility/ethics).

However, students who have not completed equivalent subjects as described above may complete modules of a bridging program offered by the Legal Practice Unit in the Faculty of Law at the University of Wollongong.

## Course Requirements

Satisfactory completion of all coursework and professional experience components of the Practical Legal Training Course.

## Course Program

Subjects	Session	Credit Points
LLB843 Professional Practice	Autumn/Spring	8
LLB844 Practice Management	Autumn/Spring	8
LLB845 Conducting Litigation	Autumn/Spring	16
LLB846 Commercial & Property Practice	Autumn/Spring	16



## Professional Recognition

The Legal Practitioners Admission Board recognises this course for graduates applying for admission as legal practitioners in New South Wales.

## Other Information

International law graduates should first contact the Legal Practitioners Admission Board for directions as to what requirements they must meet in order to qualify for admission in New South Wales. They may be required to complete some additional law studies, and it is usual to complete them before commencing the practical legal training requirements.

## Graduate Certificate in Maritime Studies

Testamur Title of Degree:	Graduate Certificate in Maritime Studies
Abbreviation:	GCertMaritimeStud
Home Faculty:	LAW
Duration:	6 months or part-time equivalent
Total Credit Points:	32cps
Starting Session(s):	Spring
Standard Course Fee:	Fee paying – contract basis
Location:	Australian Defence College, Canberra
UOW Course Code:	1139, AN139
CRICOS Code:	N/A

## Overview

This program is designed to meet the professional education requirements of the Royal Australian Navy.

## Entry Requirements / Assumed Knowledge

The program is open to Officers of the Royal Australian Navy and their civilian equivalents in the Department of Defence who are in possession of a Bachelor degree or its equivalent and/or satisfy the entry requirements of the Navy for entry to the Command and Staff College.

## Course Requirements

Students must complete 32 credit points from the prescribed subjects below.

## Course Program

Subjects	Session	Credit Points
CMP901 Strategy and Sea Power	Spring	8
CMP902 Law of the Sea	Spring	8
CMP905 Legal Regulation of Shipping	Spring	8
CMP908 Contemporary Maritime Issues in the Asia-Pacific Region	Spring	8

## Credit Towards Other Courses

Students who have successfully completed this program may articulate into the Master of Maritime Studies.

## Professional Recognition

This course meets the professional education requirements of the Royal Australian Navy.

## Graduate Certificate in Transnational Crime Prevention

Testamur Title of Degree:	Graduate Certificate in Transnational Crime Prevention
Abbreviation:	GCertTransCrimePrev
Home Faculty:	LAW
Duration:	6 months or part-time equivalent
Total Credit Points:	24cps
Starting Session(s):	Autumn/Spring
Standard Course Fee:	\$7,000 (local), \$8250 AUD (International)
Location:	Wollongong
UOW Course Code:	1137, FP1137
CRICOS Code:	037085G

### Overview

This program is designed for students from law enforcement agencies and the private sector, including police, customs, anti-corruption, immigration, banking, finance, accounting and other institutions from Australia, the Asia-Pacific region and beyond.

### Entry Requirements / Assumed Knowledge

Students should be graduates or have extensive relevant experience at a high level. The programs are delivered in English and require competency in the language.

English language requirements:

IELTS overall band 7.0 or

IELTS overall band 6.0 with attendance in either ELL901 English for Postgraduate Studies 1 in Autumn Session or ELL903 English for Postgraduate Studies 2 in Spring Session.

### Course Requirements

Satisfactory completion of subjects to the value of 24 credit points consisting of 6 credit points of core subjects and 18 credit points of electives.

### Course Program

Subjects	Session	Credit Points
<b>Core Subjects</b>		
LEGL911 International Criminal Law	Autumn	4
LEGL930 Legal Research & Writing	Autumn	2
<b><i>Plus electives of at least 18 credit points chosen from the following subjects:</i></b>		
LEGL910 International Cooperation in Crime Prevention	Autumn	4
LEGL912 Comparative Criminal Justice	Autumn	4
LEGL920 Transnational Corporate Crime	Spring	4
LEGL921 Crime & Transnational Financial Transactions	Autumn	4
LEGL922 Financial Investigations Practice & Procedure	Spring	4
LEGL923 Crime & Information Technology Regulation	Spring	4
LEGL931 Computing & Statistical Skills	Autumn	2

### Credit Towards Other Courses

Successful completion of this program will guarantee entry into the Master of Transnational Crime Prevention.

# Faculty of Science

## Member Units

School of Biological Sciences

Department of Chemistry

School of Earth and Environmental Sciences

## Courses Offered

### Doctor of Philosophy

Biological Sciences

Chemistry

Environmental Science

Geography

Geology

Physics\*

### Master of Science – Research

Biological Sciences

Biotechnology

Chemistry

Geography

Geology

Medicinal Chemistry

Physics\*

### Master of Environmental Science – Research

### Master of Environmental Science Advanced

### Master of Arts (Geography)

### Master of Science

Biotechnology

Environmental Biology

Forest Conservation and Management

Chemistry

Medicinal Chemistry

Medical Radiation Physics\*

Geography

Geology

### Master of Environmental Science

### Graduate Diploma in Science

Biological Sciences

Chemistry

Geography or Geology

Physics\*

### Graduate Certificate in Forest Conservation and Management

\*Refer to the Faculty of Engineering

## Doctor of Philosophy

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
Home Faculty:	Science
Duration:	3 years or part-time equivalent
Total Credit Points:	48 cps per year
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); international per FT session - \$9900 lab based, \$7250 non-lab based
Location:	Wollongong
UOW Course Code:	201
CRICOS Code:	001243F (Lab), 020192K (non-Lab)

### Overview

Candidates complete a major thesis and undertake a research project arranged in consultation with an appropriate member of staff, and approved by the Head of Department or School, before enrolment. Doctoral theses must make a major original contribution to scientific knowledge in the chosen area of research.

### Entry Requirements / Assumed Knowledge

Honours degree of at least four years duration in a relevant discipline at Class II, Div. 2, or higher (or equivalent).

### Course Requirements

Candidates complete a Doctoral dissertation of approximately 60,000 – 80,000 words in length. Students enrol in the appropriate major thesis subject.

### Disciplinary Areas Available

Biological Sciences  
Chemistry  
Environmental Science  
Geography  
Geology  
Physics\*

\*refer to Faculty of Engineering

### Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au)  
Web site: [www.uow.edu.au/science/](http://www.uow.edu.au/science/)

Specific enquiries should be directed to the appropriate Academic Unit: School of Biological Sciences 4221 3013, Department of Chemistry 4221 3509 or School of Earth and Environmental Sciences 4221 3721.

## Master of Science - Research

Testamur Title of Degree:	Master of Science - Research
Abbreviation:	MSc - Res
Home Faculty:	Science
Duration:	1.5 years or part-time equivalent
Total Credit Points:	72
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS exempt (local); international per FT session - \$9900 lab based, \$7250 non-lab based
Location:	Wollongong
UOW Course Code:	304
CRICOS Code:	042532B

### Overview

Courses provide for the specific needs and interests of students wishing to obtain experience in a modern research program.

### Entry Requirements / Assumed Knowledge

Minimum entry requirement is a Bachelor degree with a major study in the relevant discipline.

## Course Requirements

The course consists of 72 credit points to be completed in a maximum time of two years (four sessions), as follows:

- 24 credit points of coursework; and
- 48 credit point research project.

Students entering with a degree at the level of at least a Bachelor Honours Class II, Div 2 may be awarded the 24 credit points of coursework as advanced standing based on prior research training.

Students undertaking the 24 credit points of coursework will select appropriate postgraduate subjects from those offered in the discipline in consultation with the Head of Department or School or the Postgraduate Coordinator.

For detailed possible coursework subject programs consult the Master of Science by coursework degree in the relevant discipline.

## Disciplinary Areas Available

Biological Sciences  
Biotechnology  
Chemistry  
Geography  
Geology  
Medicinal Chemistry  
Physics\*

\*refer to Faculty of Engineering

## Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au)  
Web site: [www.uow.edu.au/science/](http://www.uow.edu.au/science/)

Specific enquiries should be directed to the appropriate Academic Unit: School of Biological Sciences 4221 3013, Department of Chemistry 4221 3509 or School of Earth and Environmental Sciences 4221 3721.

## Master of Environmental Science - Research

Testamur Title of Degree:	Master of Environmental Science - Research
Abbreviation:	MEnvSc - Res
Home Faculty:	Science
Duration:	1-2 years depending on entry qualifications
Total Credit Points:	72
Delivery Mode:	Flexible and face-to-face
Starting Session(s):	Autumn and Spring
Standard Course Fee:	HECS exempt (local); \$9400 per FT session (international)
Location:	Wollongong
UOW Course Code:	1312
CRICOS Code:	042533A

## Overview

This program involves a major project in one of the many research areas of environmental science available in the Faculty. The research project will provide information for improved understanding of how ecosystems work, for solving environmental problems of immediate concern and to assist policy makers in developing new strategies and legislation for environmental management. This degree provides the opportunity for students to contribute to this work by undertaking a major research project in one of the areas of environmental science within the Faculty.

## Entry Requirements / Assumed Knowledge

A Bachelor of Honours degree in environmental science, science or engineering at a level of at least Class 2, Division 2, or a Master of Environmental Science or Master of Science with credit average, or equivalent qualifications or appropriate publications and work experience.

Entry must be approved by the Coordinator and, if thesis work is being supervised by staff from an Academic Unit, the Head of that Unit.

## Course Requirements

The course consists of 72 credit points to be completed in a maximum time of 2 years (4 sessions), as follows

1. a 48 credit point research project (ENVI940 Environmental Science Research Thesis)
2. a maximum of 24 credit points of subjects, chosen from the Environmental Science postgraduate schedule in consultation with the Head of Environmental Science.

**Special Note:** Students entering with an Honours degree at the level of at least Bachelor Honours Class 2, Division 2, or a Master of Environmental Science degree (or equivalent) will normally be awarded advanced standing for the 24 credit points of coursework, except for candidates with no background in environmental science who will be required to complete ENVI920 Scientific Basis of Environmental Management (8 cps).

## Course Program

Subjects	Session	Credit Points
THES924 Thesis		48
<i>Plus a maximum of 24 credit points of subjects chosen from those listed below in consultation with the Head of Environmental Science</i>		
ENVI921 Environmental Planning	Autumn	8
ENVI920 The Scientific Basis of Environmental Management	Spring	8
ENVI910 Directed Studies in Pollution Chemistry	Annual, Spring or Autumn	12
ENVI911 Directed Studies in Ecology	Annual, Spring or Autumn	12
ENVI912 Directed Studies in Land Resources	Annual, Spring or Autumn	12
ENVI913 Directed Studies in Earth Sciences	Annual, Spring or Autumn	12
ENVI919 Directed Studies in Environmental Science	Annual, Spring or Autumn	12
EESC902 Advanced Coastal Environments	Spring	12
EESC903 Advanced Geomorphology of Rivers	Autumn	12
EESC904 Advanced Geographic Information Systems	Spring	12
EESC912 Advanced Soils, Landscape and Hydrology	Spring	12
EESC905 Advanced Remote Sensing	Spring	12
EESC951 Advanced Topic B	Autumn, Spring or Annual	8
ENVE985 Environmental Engineering	Autumn	8

## Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au) or the Environmental Science Unit, 19.G012, 42214134. Web site: [www.uow.edu.au/science/env/](http://www.uow.edu.au/science/env/)

The Degree Coordinator is Professor John Morrison, Environmental Science Unit, School of Earth and Environmental Sciences, Room 19.G012.

## Master of Environmental Science - Advanced

Testamur Title of Degree:	Master of Environmental Science - Advanced
Abbreviation:	MEnvSc Adv
Home Faculty:	Science
Duration:	2 year or part-time equivalent
Total Credit Points:	96
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn and Spring
Standard Course Fee:	Per FT session: \$6000 (local); \$9700 (international)
Location:	Wollongong
UOW Course Code:	412
CRICOS Code:	048589C

## Overview

This degree is aimed primarily at international students and combines research and coursework to provide a two-year (or part-time equivalent) degree for Science and Engineering graduates or others with a limited undergraduate background in the environmental science area.

## Entry Requirements / Assumed Knowledge

Bachelor degree in Environmental Science, Science Applied Science, Agriculture, Forestry, Veterinary Science or Engineering, or equivalent tertiary qualifications and/or professional experience. Students must consult with the Coordinator of Environmental Science for approval of overall entry.

## Course Requirements

Candidates must complete the three core subjects plus a Research Report of either 24 or 32 credit points plus elective subjects to total 96 credit points, as set out below.

## Course Program

Subjects		Session	Credit Points
ENVI920	The Scientific Basis of Environmental Management	Spring	8
ENVI921	Environmental Planning	Autumn	8
STS929	Studies in Resource and Environmental Policy	Autumn	8
<i>Plus one of the following</i>			
ENVI930	Research Report	Annual, Autumn or Spring	24
ENVI931	Research Report	Annual, Autumn or Spring	32
<i>Plus two or three of the following:</i>			
LAW9380	Law for Environmental Managers	Spring	8
ENVE985	Environmental Engineering	Autumn	8
MGMT310	Introduction to Management for Professionals	Autumn	8
STS300	The Environmental Context	Autumn	8
<i>Plus at least two of the following:</i>			
ENVI910	Directed Studies in Pollution Chemistry	Annual, Autumn or Spring	12
ENVI911	Directed Studies in Ecology	Annual, Autumn or Spring	12
ENVI912	Directed Studies in Land Resources	Annual, Autumn or Spring	12
ENVI913	Directed Studies in Earth Sciences	Annual, Autumn or Spring	12

## Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au) or the Environmental Science Unit, 19.G012, 42214134. Web site: [www.uow.edu.au/science/env/](http://www.uow.edu.au/science/env/)

The Degree Coordinator is Professor John Morrison, Environmental Science Unit, School of Earth and Environmental Science, Room 19.G012.

## Master of Arts (Geography)

Testamur Title of Degree:	Master of Arts (Geography)
Abbreviation:	MA
Home Faculty:	Science
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn or Spring
Standard Course Fee:	Per FR session: \$5400 (local); \$9400 lab-based, \$7250 non-lab based (international)
Location:	Wollongong
UOW Course Code:	571
CRICOS Code:	042535K

## Overview

This coursework degree is designed for candidates who wish to extend their grounding in Geography beyond the undergraduate level. It also provides an alternative route to subsequent PhD studies for students who do not possess a BA (Honours) degree.

## Entry Requirements / Assumed Knowledge

Normally a pass Bachelors degree of at least 3 years duration in a relevant discipline (with at least three third year level subjects in the discipline) or a similar tertiary qualification, with relevant work experience, as approved by the Head of School.

## Course Requirements

Candidates must complete 48 credit points of 900-level subjects, as set out below, and approved by the Course Coordinator. Students may be required to complete additional credit points if their disciplinary background is deemed not satisfactory.

## Geography

The following coursework subjects have been devised by the School of Earth and Environmental Sciences to meet the needs of students who wish to proceed to the postgraduate level in Geography to enhance their qualifications in an area without undertaking a research project.

The subjects have been grouped in two strands which reflect the major research strengths in Geography within the School of Earth and Environmental Sciences.

- Physical Geography and Environments
- Human Geography and Environments

Students with a satisfactory background in Earth and Environmental Sciences complete subjects to the value of 48 credit points chosen from either of the two programs in consultation with the Course Coordinator. Other students may be required to complete subjects to a value of 72 credit points.

Subjects	Session	Credit Points
<b>Physical Geography and Environments</b>		
EESC901 Advanced Plate Tectonics, Macrotopography and Earth History	Autumn	12
EESC902 Advanced Coastal Environments: Processes and Management	Spring	12
EESC903 Advanced Fluvial Geomorphology and Sedimentology	Autumn	12
EESC904 Advanced Geographic Information Science	Spring	12
EESC905 Advanced Remote Sensing	Autumn	12
EESC912 Advanced Soils, Landscape and Hydrology	Spring	12
EESC950 Advanced Topic A	Autumn/Spring/Annual	12
EESC951 Advanced Topic B	Autumn/Spring/Annual	8
<b>Human Geography and Environments</b>		
EESC904 Advanced Geographic Information Science	Spring	12
EESC905 Advanced Remote Sensing	Autumn	12
EESC910 Advanced Social Spaces: Rural and Urban	Spring	12
EESC917 Advanced Spaces, Places and Identities	Autumn	12
EESC918 Advanced Environmental and Heritage Management	Spring	12
EESC950 Advanced Topic A	Autumn/Spring/Annual	12
EESC951 Advanced Topic B	Autumn/Spring/Annual	8

### Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au)  
 Web site: [www.uow.edu.au/science/](http://www.uow.edu.au/science/)

Specific enquiries should be directed to the School of Earth and Environmental Sciences 4221 3721.

## Master of Science

Testamur Title of Degree:	Master of Science (specialisation)
Abbreviation:	MSc
Home Faculty:	Science
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn or Spring
Standard Course Fee per FT session:	Lab-based: \$6500 (local), \$9400 (international); Non-lab based: \$5400 (local), \$7250 (international)
Location:	Wollongong
UOW Course Code:	574
CRICOS Code:	048498F

### Overview

This coursework degree is designed for candidates who wish to extend their grounding in a particular science discipline beyond the undergraduate level. It also provides an alternative route to subsequent PhD studies for students who do not possess a BSc (Honours) degree.

Specialisations available are:

- Biotechnology
- Environmental Biology
- Forest Conservation and Management
- Chemistry
- Medicinal Chemistry
- Medical Radiation Physics (Refer to the Faculty of Engineering)
- Geography
- Geology



## Entry Requirements / Assumed Knowledge

Normally a pass Bachelors degree of at least 3 years duration in the relevant discipline (with at least three third year level subjects in the discipline) or a similar tertiary qualification, with relevant work experience, as approved by the relevant Masters Coordinator or Head of Department or School.

### Additional specific entry requirements for Biotechnology:

A relevant undergraduate degree of at least four years duration, or a similar tertiary qualification with relevant work experience. The degree must have included components dealing with one or more of the following areas: biology, biochemistry, cell biology, molecular biology, or microbiology. In addition, the student must have completed the equivalent of at least one year of academic study in chemistry.

## Course Requirements

Candidates must complete 48 credit points of 900-level subjects as determined for the disciplinary specialisation, as set out below, and approved by the Course Coordinator. Students may be required to complete additional credit points if their disciplinary background is deemed not satisfactory.

## Areas of Specialisation

### Biotechnology

The Master of Science (Biotechnology) is designed for graduates who seek knowledge and technological expertise in specific areas of cell and molecular biology, which are the basis for modern biotechnological research and development.

Students complete 48 credit points of subjects as listed below chosen in consultation with the Biotechnology Masters Coordinator.

**Note:** Spring Session start is not advised unless the student has a very strong academic background.

Subjects	Session	Credit Points
BIOL980 Biotechnology	Autumn	12
BIOL981 Molecular Cell Biology	Autumn	12
BIOL982 Cellular and Molecular Immunology	Spring	12
BIOL984 Applied Bioinformatics	Spring	12
<b>Optional Subjects</b>		
<i>One of the following subjects may be substituted for one of the core subjects after consultation with the Biotechnology Masters Coordinator.</i>		
BIOL972 Ecological and Evolutionary Physiology	Autumn	12
BIOL983 Research Methods in Biotechnology	Autumn	12
BIOL992 Literature review	Autumn, Spring, Summer	12
BIOL993 Research Project	Autumn, Spring, Summer	12

### Environmental Biology

This coursework program is designed for students who seek further knowledge and skills in the biological sciences, or seek to qualify for a postgraduate research degree.

Students complete coursework to a value of 48 credit points as listed below chosen in consultation with the Masters Coordinator.

**Note:** Spring Session start is not advised unless the student has a very strong academic background.

Subjects	Session	Credit Points
BIOL970 Advances in Conservation Biology	Autumn	12
BIOL971 Marine and Terrestrial Ecology	Spring	12
BIOL972 Ecological and Evolutionary Physiology	Autumn	12
MARE973 Advanced Topics in Fisheries and Aquaculture	Spring	12
<b>Alternative Options</b>		
MARE957 Advanced Topics in Molluscan Biology	Summer	12
BIOL992 Literature Review	Autumn/ Spring/ Summer	12
BIOL993 Research Project	Autumn/ Spring/ Summer	12
BIOL991 Major Research Project	Autumn/ Spring/ Summer	24
Or 900 level subjects from other academic units subject to the approval of the Heads of those units and the Masters Coordinator		
NB: Students cannot enrol in subjects where they have completed the equivalent 300-level subjects at this University.		

### ***Forest Conservation and Management***

This 48 credit point program provides candidates with the concepts and techniques of conservation ecology that are fundamental to effective forest management.

This program includes the Graduate Certificate in Forest Conservation and Management (32 credit points), plus a major project (16 credit points) examined by thesis, as set out below. The Graduate Certificate is a 6-month on-campus program plus field work study tour in Eastern Australia.

Subjects	Session	Credit Points
BIOL951 Research Techniques in Conservation	Summer	16
BIOL952 Sustainable Forest Management	Summer	16
BIOL995 Forest Management Research Project	Annual	16

### ***Chemistry***

This program is designed for applicants from industry or education who wish to extend their grounding in chemistry theory beyond the undergraduate level. It also provides an alternative route to subsequent PhD studies for students who do not possess a BSc(Honours) degree.

Candidates complete 48 credit points of coursework consisting of the following four subjects.

Subjects	Session	Credit Points
CHEM910 Research Skills Training	Annual, Autumn, Spring	12
<i>Plus 3 subjects selected from:</i>		
CHEM915 Advanced Chemistry Laboratory Project	Annual, Autumn, Spring	12
CHEM919 Literature Report in Chemistry	Annual, Autumn, Spring	12
CHEM940 Contemporary Topics in Biomolecular Chemistry	Annual, Autumn, Spring	12
CHEM950 Contemporary Topics in Analytical and Environmental Chemistry	Annual, Autumn, Spring	12

### ***Medicinal Chemistry***

This coursework program provides vocational training in medicinal chemistry, an area where there is currently a high demand for graduates. The program consists of special coursework in medicinal chemistry and a small research project

Students complete 48 credit points of coursework over one year (or equivalent part time) by enrolling in the following subjects, as approved by the Course Coordinator.

Subjects	Session	Credit Points
CHEM910 Research Skills Training	Annual, Autumn, Spring	12
CHEM930 Selected Topics in Medicinal Chemistry	Annual, Autumn, Spring	12
<i>Plus two subjects selected from:</i>		
CHEM915 Advanced Chemistry Laboratory Project	Annual, Autumn, Spring	12
CHEM919 Literature Report in Chemistry	Annual, Autumn, Spring	12
CHEM940 Contemporary Topics in Biomolecular Chemistry	Annual, Autumn, Spring	12
CHEM950 Contemporary Topics in Analytical and Environmental Chemistry	Annual, Autumn, Spring	12

### ***Geography or Geology***

The following coursework subjects have been devised by the School of Earth and Environmental Sciences to meet the needs of students who wish to proceed to the postgraduate level in Geography or Geology to enhance their qualifications in an area without undertaking a research project. The subjects have been grouped in three strands which reflect the major research strengths within the School of Earth and Environmental Sciences.

- Physical Geography and Environments
- Human Geography and Environments
- Geology

Students with a satisfactory background in Earth and Environmental Sciences complete subjects to the value of 48 credit points chosen from either of the two programs in consultation with the Course Coordinator. Other students may be required to complete subjects to a value of 72 credit points.

Subjects	Session	Credit Points
<b>Physical Geography and Environments</b>		
EESC901 Advanced Plate Tectonics, Macrotopography and Earth History	Autumn	12
EESC902 Advanced Coastal Environments: Processes and Management	Spring	12
EESC903 Advanced Fluvial Geomorphology and Sedimentology	Autumn	12

EESC904	Advanced Geographic Information Science	Spring	12
EESC905	Advanced Remote Sensing	Autumn	12
EESC912	Advanced Soils, Landscape and Hydrology	Spring	12
EESC950	Advanced Topic A	Autumn, Spring, Annual	12
EESC951	Advanced Topic B	Autumn, Spring, Annual	8
<b>Human Geography and Environments</b>			
EESC904	Advanced Geographic Information Science	Spring	12
EESC905	Advanced Remote Sensing	Autumn	12
EESC910	Advanced Social Spaces: Rural and Urban	Spring	12
EESC917	Advanced Spaces, Places and Identities	Autumn	12
EESC918	Advanced Environmental and Heritage Management	Spring	12
EESC950	Advanced Topic A	Autumn, Spring, Annual	12
EESC951	Advanced Topic B	Autumn, Spring, Annual	8
<b>Geology</b>			
EESC901	Advanced Plate Tectonics, Macrotopography and Earth History	Autumn	12
EESC903	Advanced Fluvial Geomorphology and Sedimentology	Autumn	12
EESC904	Advanced Geographic Information Science	Spring	12
EESC905	Advanced Remote Sensing	Autumn	12
EESC911	Isotope Geochemistry	Autumn	12
EESC921	Environmental Geology	Spring	12
EESC950	Advanced Topic A	Autumn, Spring, Annual	12
EESC951	Advanced Topic B	Autumn, Spring, Annual	8

### Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au)  
 Web site: [www.uow.edu.au/science/](http://www.uow.edu.au/science/)

Specific enquiries should be directed to the appropriate Academic Unit: School of Biological Sciences 4221 3013, Department of Chemistry 42213509 or School of Earth and Environmental Sciences 4221 3721.

## Master of Environmental Science

Testamur Title of Degree:	Master of Environmental Science
Abbreviation:	MEnvSc
Home Faculty:	Science
Duration:	1 year or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn and Spring
Standard Course Fee:	Per FT session: \$6000 (local); \$9400 (international)
Location:	Wollongong
UOW Course Code:	1500
CRICOS Code:	026171M

### Overview

This program is designed for applicants who wish to extend their knowledge of science relating to the environment by studying areas not covered in their undergraduate Science or Engineering degree (including environmental policy, planning and management).

### Entry Requirements / Assumed Knowledge

Completion of a recognised Bachelor Degree either: Environmental Science; Science; Applied Science; Agriculture; Forestry; Veterinary Science or Engineering (or equivalent qualifications and/or professional experience).

#### Alternative entry criteria:

The person would be required to have been working in a position for at least five years which, if they left, would be filled by an appropriately qualified graduate. Normally a written statement from a suitably qualified person, usually a senior manager with a strong science background, is required as confirmation of the necessary skills.

### Course Requirements

Students will undertake a program of at least 48 credit points, comprising two compulsory subjects, and optional subjects selected from the subjects listed below and approved by the Coordinator of the degree.

## Course Program

Subjects	Session	Credit Points
ENVI920 The Scientific Basis of Environmental Management	Spring	8
ENVI921 Environmental Planning	Autumn	8
<i>Plus at least 32 credit points chosen from:</i>		
STS929 Studies in Resource and Environmental Policy	Autumn	8
ENVI910 Directed Studies in Pollution Chemistry	Annual/ Spring/ Autumn	12
ENVI911 Directed Studies in Ecology	Annual/ Spring/ Autumn	12
ENVI912 Directed Studies in Land Resources	Annual/ Spring/ Autumn	12
ENVI913 Directed Studies in Earth Sciences	Annual/ Spring/ Autumn	12
ENVI919 Directed Studies in Environmental Science	Annual/ Spring/ Autumn	12
EESC902 Advanced Coastal Environments	Spring	12
EESC903 Advanced Geomorphology of Rivers	Autumn	12
EESC904 Advanced Geographic Information Systems	Spring	12
EESC912 Advanced Soils, Landscape and Hydrology	Spring	12
EESC905 Remote Sensing	Spring	12
EESC951 Advanced Topic B	Autumn/ Spring/ Annual	8
LAW9380 Law for Environmental Managers	Spring	8
ENVE985 Environmental Engineering	Autumn	8

## Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au) or the Environmental Science Unit, 19.G012, 42214134. Web site: [www.uow.edu.au/science/env/](http://www.uow.edu.au/science/env/)

The Degree Coordinator is Professor John Morrison, Environmental Science Unit, School of Earth and Environmental Sciences, Room 19.G012.

## Graduate Diploma in Science

Testamur Title of Degree:	Graduate Diploma in Science (specialisation)
Abbreviation:	GDipSc
Home Faculty:	Science
Duration:	1 year
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn or Spring
Standard Course Fee per	Lab-Based \$6500, non-Lab based \$5400 (local); \$9400
FT session:	(international)
Location:	Wollongong
UOW Course Code:	650
CRICOS Code:	007042M

## Overview

The Graduate Diploma in Science provides graduates with the opportunity to acquire competence in a particular area of science at a sufficiently advanced level to enable them to either proceed with further study or to update, broaden or intensify their knowledge and skills in the discipline.

The diploma will be found useful by international students and by students either without a full major in a discipline at undergraduate level or who completed their first degree some years ago.

The disciplines available are:

- Biological Sciences
- Chemistry
- Geography
- Geology
- Physics\*

\*Refer to the Faculty of Engineering

## Entry Requirements / Assumed Knowledge

A relevant undergraduate degree of at least three years duration, or a similar tertiary qualification with relevant work experience.

## Course Requirements

Candidates select subjects to the value of 48 credit points from the Undergraduate Science Schedule of subjects, the selection to be approved the Head of the relevant Department or School, who may also specify other required subjects.

## Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au)  
Web site: [www.uow.edu.au/science/](http://www.uow.edu.au/science/)

Specific enquiries should be directed to the appropriate Academic Unit: School of Biological Sciences 4221 3013, Department of Chemistry 42213509 or School of Earth and Environmental Sciences 4221 3721.

## Graduate Certificate in Forest Conservation and Management

Testamur Title of Degree:	Graduate Certificate in Forest Conservation and Management
Abbreviation:	GDipForCons&M'mt
Home Faculty:	Science
Duration:	6 months
Total Credit Points:	32
Delivery Mode:	Face-to-face
Starting Session(s):	Late January*
Standard Course Fee:	\$9750 (local); \$12780 (international)
Location:	Wollongong
UOW Course Code:	F1123
CRICOS Code:	029711G

\*Students will be advised of the dates on application

## Overview

This 32 credit point program provides candidates with the concepts and techniques of conservation ecology that are fundamental to effective forest management.

## Entry Requirements / Assumed Knowledge

A relevant undergraduate degree of at least three years duration, or a similar tertiary qualification with relevant work experience.

## Course Requirements

The program has two subject modules listed below. The first module is lecture and laboratory-based, and the second integrates theory with fieldwork in a range of locations in Eastern Australia.

## Course Program

Subjects	Session	Credit Points
BIOL951 Research Techniques in Conservation	Summer	16
BIOL952 Sustainable Forest Management	Autumn	16

## Articulation

Students who have successfully completed the Graduate Certificate in Forest Conservation Management may progress to the Master of Science (Forest Conservation and Management) and will only be required to complete the Research Project.

## Other Information

For further information contact the Faculty of Science Office, 41.258, or telephone 42213481, email [patmac@uow.edu.au](mailto:patmac@uow.edu.au)  
Web site: [www.uow.edu.au/science/](http://www.uow.edu.au/science/)

Specific enquiries should be directed to the School of Biological Sciences 4221 3013.