

# PROGRAMS OF STUDY

## POSTGRADUATE INFORMATION

### Information Booklets

Candidates for Postgraduate Coursework programs should obtain Postgraduate Courses 2004 booklets for the appropriate division. Candidates for Higher Degree Research Study should obtain the Higher Degree Research booklet and in some cases the appropriate Postgraduate Courses 2004 booklet for unit descriptions and details of coursework components of the combined research degrees. The Higher Degree Research Programs booklet is a University-wide booklet and there are separate booklets for each Division for coursework programs. The booklets are available free of charge from the Student Enquiry Service, Lincoln Building, on central campus at Macquarie University.

Full details of the administrative requirements for pursuit of postgraduate study at Macquarie University are given in the booklets. They contain all necessary information on application for admission to candidature; academic prerequisites for candidature; length of candidature; commencement dates for the various courses; tuition fees; attendance requirements and other procedures pertaining to the individual postgraduate programs.

### Coursework Candidates

For the guidance of intending candidates for coursework programs, the postgraduate booklets include descriptions of all the units of study required for satisfactory completion of the course. These unit descriptions are also given in Part Three of this Handbook.

### Research Candidates

For the guidance of intending research candidates, the postgraduate research booklet gives information concerning research interests and the research facilities within the Divisions, as well as details of higher degree research programs. Further details of staff and their current research within the various Departments is available on the University and Departmental Websites as well as at [www.ro.mq.edu.au/HDRU/](http://www.ro.mq.edu.au/HDRU/)

Intending postgraduate students are referred also to the Doctoral Degree Rules and the Master by Research Rules which are set out at the beginning of this Part of the Handbook.

## Higher Degree Research Programs

The University offers research programs of study leading to higher degrees detailed below in the section headed Research Degrees. Programs may be taken either by full-time or by part-time study and arrangements may be made for supervision of research to be conducted by distance mode under certain conditions. Rules for the degrees are located in Part 2 of the Handbook. The salient requirements of the degrees are summarised below under the degree headings.

For all research degrees, the availability of supervision depends on the present research interests of members of the various Departments. Applicants should approach potential supervisors prior to making application to the University. Candidates for research degrees can be accepted only where supervisor(s) have agreed to support the student's research. Prospective research candidates are strongly encouraged to contact the senior advisory staff indicated in the appropriate Department under the heading of each Division below.

The University encourages the development of research skills for higher degree candidates in all departments. Candidates in some disciplines may be required to undertake specific coursework or research training units to supplement their research work. Applicants for enrolment for higher degrees by research in some circumstances may be required to complete a preliminary program of research training or preparation prior to enrolment in their higher degree research program.

Detailed information for research candidates will be given in the *Handbook for Higher Degree Research Candidates*, a copy of which will be provided to every research candidate after enrolment.

In addition to the information below under each Division, visit the University website ([www.mq.edu.au](http://www.mq.edu.au)) for further information about the Divisions, Departments, staff, current research areas, and facilities for postgraduate students.

## RESEARCH DEGREES

### Doctor of Philosophy

**Admission requirements:** A Bachelor degree with first-class honours or second-class honours division 1 or a Master degree with a substantial research component

**Length of candidature:** 2-4 years full time; 2-8 years part time

**External candidature:** available only in special circumstances in some disciplines

## Handbook of Postgraduate Studies – 2004

To be eligible for admission a candidate must normally possess either a Bachelor degree with first-class or second-class honours division 1, or a Master degree with a substantial research component from a recognised university or other tertiary institution. The minimum period of candidature is two years and the maximum period is four years for full-time candidates and eight years for part-time candidates. Part-time candidates must be able to spend on average throughout the year at least 20 hours a week on a program of research and advanced study and attend the University on an average of at least once a week for consultation with their supervisors.

The program of advanced study and research for the degree includes the submission of a thesis embodying the results of the student's work. The thesis for a PhD must form a distinct contribution to the knowledge of the subject and afford evidence of originality by the discovery of new facts or the exercise of independent critical power. A candidate's program of study must be supervised by a member of the full-time academic staff of the University, or an approved part-time member of academic staff, and will normally be carried out within the University. There is, however, provision for a candidate to be permitted to carry out much of the program outside the University as an external candidate. In this case the place of study, method of supervision and periods of attendance at the University must be approved by the University.

Before submitting a thesis, all students, including external candidates, must have followed an approved program of advanced study and research within the University for a period determined by the Higher Degree Research Committee and normally not less than two years. External candidates are required to be on campus for a minimum of three months, sufficient part of which must be during the final phase of thesis preparation.

### Honours Degree of Master of Arts

### Honours Degree of Master of Commerce

### Honours Degree of Master of Economics

### Honours Degree of Master of Science

### Honours Degree of Master of Education

### Honours Degree of Master of Special Education

**Admission requirements:** A Bachelor degree with first-class or second-class honours or other evidence of significant research ability

**Length of candidature:** 1-2 years full-time, 2-4 years part-time

**External candidature:** available in special circumstances in some disciplines

Facilities for the completion of the Honours degree of Master by research are available in all Departments.

To be eligible for consideration for admission an applicant must normally possess a Bachelor degree with first or second-class honours from a recognised tertiary institution. The minimum period of candidature for full-time candidates is one year, the maximum period two years. For part-time candidates the minimum is two years, the maximum four years.

Candidates pursue an approved program of advanced study and research which may include some units of coursework. Further details on honours degrees of master by research which have coursework units as part of their requirements are outlined below under 'Research Degrees with Coursework'.

The program includes the submission of a thesis comprising at least two thirds of the program of study. The thesis for an honours degree of Master must form a contribution to the knowledge in the area by presenting new interpretations of facts or by demonstrating an independent critical ability to evaluate existing material in a new light. Examination is by thesis.

### Master of Arts

### Master of Commerce

### Master of Economics

### Master of Laws

### Master of Science

**Admission requirements:** A Bachelor degree with an acceptable level of attainment in an appropriate area of study

**Length of candidature:** 1-2 years full-time, 2-4 years part-time

**External candidature:** available in special circumstances

As well as the Honours Degree of Master, the following Departments also offer Master degrees by research:

*Master of Arts:* Asian Languages; Business; Centre for International Communication; Contemporary Music Studies; Critical & Cultural Studies; English; European Languages; Graduate School of the Environment; Graduate School of Management; Human Geography; Indigenous Studies; Linguistics; Media and Communications; Public Law.

*Master of Commerce:* Actuarial Studies

*Master of Economics:* Business; Economics; Graduate School of Management

*Master of Laws:* Law

*Master of Science:* Chemistry; Computing; Earth and Planetary Sciences; Electronics; Graduate School of the Environment; Health and Chiropractic; Human Geography; Mathematics; Physics; Physical Geography; Statistics.

## Part Two – Postgraduate Study

To be eligible for consideration for admission to a Master by research degree an applicant must normally possess a Bachelor degree from a recognised tertiary institution with an acceptable level of attainment in an appropriate area of study. The minimum period of candidature for full-time candidates is one year, the maximum period two years. For part-time candidates the minimum is two years, the maximum four years.

Candidates pursue an approved program of study and research which may include some units of coursework. Further details on degrees of master by research which have coursework units as part of their requirements are outlined below. The program includes the presentation of a thesis comprising at least two thirds of the program of study. The thesis for a degree of Master by research must have adequately placed the topic in the context of current knowledge and have satisfactorily linked empirical outcomes or new evaluations with the relevant literature. Examination is by thesis.

### External Research Degrees

The admission of candidates to undertake research degrees as an external student or by distance mode is possible in special circumstances with the approval of the Higher Degree Research Committee. Before admission can be approved, the candidate and the Department in which the student is to be registered must provide detailed information about how the following conditions will be met:

*On-campus attendance:* a minimum of one month per year of equivalent full-time enrolment with an overall minimum of two months for a Master degree and three months for a Doctorate, sufficient part of which must be during the final phase of thesis preparation.

*Place of study:* the place of study and research outside the University must be approved by the Higher Degree Research Committee. The Higher Degree Research Committee, on the recommendation of the Head of Department, will appoint a person at the place of study as an external associate supervisor for the candidate, unless the Committee determines, in special circumstances, that an external associate supervisor does not need to be appointed.

### Preliminary Programs

A range of new Postgraduate Certificates and Postgraduate Diplomas in Research methods or preparation is available for applicants who may not meet the admission criteria and/or do not have adequate research experience or background in their chosen discipline to commence a research degree immediately. Admission to a preliminary program does not guarantee eventual admission to candidature for a higher degree by research. When the candidate is close to completion of the preliminary program the candidate must submit a fresh application for admission to the degree that the candidate wishes to pursue. Applications for preliminary programs must be received by the Postgraduate Studies Section by the

usual closing dates for the half-year. Enquiries for application material should be made to the Student Enquiry Service.

## PROFESSIONAL DOCTORATES AND RESEARCH DEGREES WITH COURSEWORK

The University offers professional doctorates in Applied Linguistics, Business and Psychology. The professional doctorates and a number of higher degree research programs include a coursework component with coursework units incorporated as part of the requirements for completion of the research degree. The structure and other details of these degrees are outlined below. Please see the unit descriptions in Part 3 of the Handbook.

### Doctor of Applied Linguistics

#### Admission requirements:

- Master of Applied Linguistics degree or equivalent with a dissertation component; or
- a Bachelor's degree with honours class I or honours class II; and
- five years professional experience.

**Length of candidature:** 3 years full time; 4-6 years part time

**Attendance:** distance mode only

**Commencement:** July

**Course requirements:** 9 coursework units, 4 web-mediated research seminars, dissertation (total 96 credit points)

**Tuition fee 2004:** \$400 per credit point for local students; \$A12,800 per annum for international students

**Enquiries:** Linguistics Postgraduate Office, tel +61-2-9850 710

**Email:** lingpgo@ling.mq.edu.au

The Professional Doctorate in Applied Linguistics is intended for Australian and overseas practitioners who work in language teaching and language teaching program administration. It offers the opportunity for candidates to undertake doctoral level study in the context of their workplace. The course provides advanced level academic study of a range of language related issues through initial coursework, followed by a substantial research component which is supervised and coordinated through a tightly structured program of web-based interaction.

Please note that it is generally expected that candidates will obtain a good credit average in the coursework units in order to proceed on to the research component of the degree.

#### Core

4-credit point units

- LING905 Research Methods in Language Study
- LING906 Language Testing and Evaluation
- LING912 Second Language Acquisition

## Handbook of Postgraduate Studies – 2004

- LING938 Curriculum Innovation in Language Teaching  
LING942 Strategic Planning, Management and Leadership  
6-credit point unit
- LING941 Further Approaches to Design, Analysis and Interpretation  
2-credit point units
- LING943 Current Issues in Second Language Acquisition  
LING944 Current Issues in Language Testing and Evaluation  
LING945 Current Issues in Curriculum Innovation

### Doctor of Business Administration (DBA)

#### Admission requirements:

- Minimum of five years management experience in an organisation or situation which provides the opportunity to focus research attention on professional practice or policy;
- a Bachelor degree with honours class I or honours class II (Division I) and/or a relevant Master degree;#
- submit evidence of professional attainment that demonstrates a capacity for research; and
- three referee reports detailing management experience.

# Tertiary qualifications for entry to the DBA must be approved by Macquarie University's Postgraduate Studies Committee.

**Length of candidature:** full-time - 1 year coursework plus 2 years thesis; part-time - 2 years coursework plus 4 years thesis

**Tuition fee 2004:** 96 postgraduate credit points for course, \$562.50 per credit point for the coursework component for Australian citizens and \$14,000 per annum for the research component (for payments made after the due date; late fees may apply). In extenuating circumstances, special arrangements may be made for the payment of fees.

The Doctor of Business Administration is offered by the Graduate School of Management and is directed at management professionals. The overall aim of the program is to equip managers with the skills and knowledge to apply current research methods in their investigation and resolution of organisationally-based problems. The DBA program requires a high level of face-to-face interaction between student and supervisor and so is not offered externally. Candidates resident in Hong Kong may undertake the DBA on the local campus of Macquarie University.

#### Units to be undertaken:

- MGSM990 Quantitative Research Methods in Management  
MGSM991 Qualitative Research Methods in Management  
MGSM992 Literature Survey and Criticism

MGSM994 Management Research and Investigation

**Enquiries:** Dr Yiming Tang, DBA Director,  
**Tel:** (02) 9980 9042; **fax:** (02) 9980 9942

### Doctor of Psychology (Clinical)

**Admission requirements:** Completion of one half-year full-time or two half-years part-time in the Master of Clinical Psychology program with a minimum of 22 credit points of coursework units which must include either PSY863 or PSY933. Master of Clinical Psychology graduates and applicants with equivalent qualifications from other institutions may also be considered

*Quota:* Admission will be competitive. In selecting candidates, particular consideration will be given to performance in the Masters coursework units, to the quality of the candidate's research proposal, and to the information supplied on the supplementary personal information sheet.# A personal interview forms part of the selection process.

**Length of candidature:** 3 years full-time, 6 years part-time

**Attendance:** Full-time or part-time. Some units are offered for all candidates in the day time; others in the late afternoon or early evening. Since units are not repeated separately for part-time students, all intending part-time applicants should be able to obtain leave from their employer for at least one day each week. In addition, part-time applicants must demonstrate availability to complete 1500 hours of supervised placements.

**Commencement:** 2nd half year

**Tuition fee 2004:** Research training scheme (RTS) for local students; \$A20,800 per annum for international students

**Enquiries:** Dr John Franklin, tel +61-2-9850 8031

# Applicants for the Doctor of Clinical Psychology must complete a supplementary personal information sheet IN ADDITION TO the standard coursework application form. The supplementary information sheet is available from Ms Erin Thatcher, tel +61-2-9850 8063 or from the Student Enquiry Service, tel +61-2-9850 6410.

The course consists of:

- 10 Core units marked \* below including enrolment in the core unit PSY994 Research Thesis which is continuous from program commencement.
- Non core coursework units from the Master of Clinical Psychology program which must generally be completed prior to commencement of core units with the exception of PSY994 in which enrolment is continuous.

Advanced standing exemptions for prior coursework will be given where applicants have completed units in another institution or in an earlier degree. Core units must be completed as part of the DPsych degree and no exemptions will be given for the units marked \*.

## Part Two – Postgraduate Study

## Year 1 (2nd semester)

## Coursework units

PSY926	Psychology of Health
PSY927	Cognitive Behavioural Therapy II
PSY928	Psychological Assessment (2)
PSY929	Clinical Psychopharmacology
PSY966	Neuropsychological Disorders

## 3 electives

## Core

*PSY956	Supervised Internship (1)
*PSY957	Supervised Internship (2)
*PSY994	Research thesis

## Year 2

## Coursework units

PSY919	Developmental Psychopathology
1 elective	

## Core

*PSY931	APA (1) (Research project)
*PSY958	Supervised Internship III
*PSY959	Supervised Internship IV
*PSY994	Research Thesis

## Year 3

## Core

*PSY 932	APA (2) (Research project)
*PSY 960	Supervised Internship V
*PSY994	Research Thesis

## Doctor of Psychology (Counselling)

**Admission requirements:** Completion of one half-year full-time or two half-years part-time in the Master of Counselling Psychology program with a minimum of 22 credit points of coursework units which must include PSY863 and PSYC917. Suitability to work in the helping professions. Candidates will be required to undertake such tests and interviews as are considered necessary to assess their suitability. Currently enrolled Master of Counselling Psychology students and Master of Counselling Psychology graduates may also apply.

**Quota:** Admission will be competitive. In selecting candidates, particular consideration will be given to performance in the Masters coursework units, to the quality of the candidate's research proposal, and to the information supplied on the supplementary personal information sheet. # A personal interview forms part of the selection process.

**Length of candidature:** 3 years full-time, 6 years part-time

**Attendance:** Full-time or part-time, involving attendance at the University for two half-days and some evenings each week during the year as well as several Saturday workshops. In addition, part-time applicants must demonstrate availability to complete 1500 hours of supervised placements.

**Commencement:** 2nd half year

**Tuition fee 2004:** Research training scheme (RTS) for local students. \$A20,800 per annum for international students

**Enquiries:** Dr Jac Brown, tel +61-2-9850 8094

# Applicants for the Doctor of Counselling Psychology must complete a supplementary personal information sheet IN ADDITION TO the standard coursework application form. The supplementary information sheet is available from Ms Erin Thatcher, tel +61-2-9850 8063 or from the Student Enquiry Service, tel +61-2-9850 6410.

The course consists of:

1. 10 Core units marked \* below including enrolment in the core unit PSY994 Research Thesis which is continuous from program commencement.

2. Non core coursework units from the Master of Counselling Psychology program which must generally be completed prior to commencement of core units with the exception of PSY994 in which enrolment is continuous.

Advanced standing exemptions for prior coursework will be given where applicants have completed units in another institution or in an earlier degree. Core units must be completed as part of the DPsych degree and no exemptions will be given for the units marked \*.

## Year 1 (2nd semester)

## Coursework units

PSYC904	Case Conference: Interviewing and Problem Formulation
PSYC907	Case Conference: The Therapeutic Relationship
PSYC909	Counselling Theory and Practice (2)
PSYC911	Advanced Lifespan Psychology
PSYC912	Group Processes and Counselling (or elective)

## 2 electives

## Core

*PSYC900	Supervised Placement I
*PSYC901	Supervised Placement II
*PSY994	Research Thesis

## Year 2

## Coursework units

PSYC905	Issues in Professional Practice
PSYC906	Special Populations

## Core

*PSYC902	Supervised Placement III
*PSYC903	Supervised Placement IV
*PSYC924	APA (1) (Research Project)
*PSY994	Research Thesis

## Year 3

## Core

*PSYC923	Supervised Placement V
*PSYC925	APA (2) (Research Project)
*PSY 944	Research Thesis

## Handbook of Postgraduate Studies – 2004

### Doctor of Psychology (Clinical Neuropsychology)

**Admission requirements:** Completion of one half-year full-time or two half-years part-time in the Master of Clinical Neuropsychology program with a minimum of 22 credit points of coursework units which must include PSY863 and PSYN825. Master of Clinical Neuropsychology graduates and applicants with equivalent qualifications from other institutions may also be considered.

**Quota:** Admission will be competitive. In selecting candidates, particular consideration will be given to performance in the Masters coursework units, to the quality of the candidate's research proposal, and to the information supplied on the supplementary personal information sheet. # A personal interview forms part of the selection process.

**Length of candidature:** 3 years full-time, 6 years part-time

**Attendance:** Full-time or part-time, some units are offered for all candidates in the daytime; others in the late afternoon or early evening. Since units are not repeated separately for part-time students, all intending part-time applicants should be able to obtain leave from their employer for at least one day each week. In addition, part-time applicants must demonstrate availability to complete 1500 hours of supervised placements.

**Commencement:** 2nd half year

**Tuition fee 2004:** Research training scheme (RTS) for local students; \$A20,800 per annum for international students

**Enquiries:** Dr Jenny Batchelor, tel +61-2-9850 8012 or Dr Arthur Shores, tel +61-2-9850 8071

# Applicants for the Doctor of Clinical Neuropsychology must complete a supplementary personal information sheet IN ADDITION TO the standard application form. The supplementary information sheet is available with this booklet, or may be obtained from Ms Erin Thatcher, tel +61-2-9850 8063 or from the Student Enquiry Service, tel +61-2-9850 6410.

The course consists of:

1. 10 Core units marked \* below including enrolment in the core unit PSY994 Research Thesis which is continuous from program commencement.
2. Non core coursework units from the Master of Clinical Neuropsychology program which must generally be completed prior to commencement of core units with the exception of PSY994 in which enrolment is continuous.

Advanced standing exemptions for prior coursework will be given where applicants have completed units in another institution or in an earlier degree. Core units must be completed as part of the DPsych degree and no exemptions will be given for the units marked \*.

### Year 1 (2nd semester)

#### Coursework units

PSYN807	Cognitive Behaviour Therapy I
PSYN809	Neuropsychological Research Seminar I
PSYN810	Advanced Psychopathology
PSYN811	Cognitive Neuropsychology
PSYN812	Case Conference/Professional and Ethical Issues II
PSYN822	Psychological Assessment II
PSYN823	Neuropsychopathology

#### Core

*PSYN815	Supervised Internship I
*PSYN816	Supervised Internship II
*PSYN817	Supervised Internship III
*PSY994	Research Thesis

### Year 2

#### Coursework units

PSYN808	Developmental Neuropsychology
PSYN813	Recovery and Rehabilitation
PSYN814	Neuropsychology Research Seminar II

#### Core

*PSYN827	APA (1) (Research Project)
*PSYN818	Supervised Internship IV
*PSY994	Research Thesis

### Year 3

#### Coursework units

#### Core

*PSYN828	APA (2) (Research Project)
*PSYN819	Supervised Internship V
*PSY994	Research Thesis

### Doctor of Psychology (Organisational)

**Admission requirements:** Completion of one half-year full-time or two half-years part-time in the Master of Organisational Psychology program with a minimum of 22 credit points of coursework units which must include PSY863 and PSYO944. Master of Organisational Psychology graduates and applicants with equivalent qualifications from other institutions may also be considered.

**Quota:** Admission will be competitive. In selecting candidates, particular consideration will be given to performance in the Masters coursework units, to the quality of the candidate's research proposal, and to the information supplied on the supplementary personal information sheet. # A personal interview forms part of the selection process.

**Length of candidature:** 3 years full-time, 6 years part-time

**Attendance:** Full-time or part-time, some units are offered for all candidates in the day time; others in the late afternoon or early evening. Since units are not repeated separately for part-time students, all intending part-time applicants should be able to obtain leave from their employer for at least one day each week. In addition, part-time applicants must demonstrate availability to complete 1500 hours of supervised placements.

**Commencement:** 2nd half year

**Tuition fee 2004:** Research training scheme (RTS) for local students; \$A20,800 per annum for international students

**Enquiries:** Dr Jane Carstairs, tel +61-2-9850 8005 or Dr Peter Langford, tel +61-2-9850 8020

# Applicants for the Doctor of Organisational Psychology must complete a supplementary personal information sheet IN ADDITION TO the standard application form. The supplementary information sheet is available with this booklet, or may be obtained from Ms Erin Thatcher, tel +61-2-9850 8063 or from the Student Enquiry Service, tel +61-2-9850 7488.

The course consists of:

1. 10 Core units marked \* below including enrolment in the core unit PSY994 Research Thesis which is continuous from program commencement.
2. Non core coursework units from the Master of Organisational Psychology program which must generally be completed prior to commencement of core units with the exception of PSY994 in which enrolment is continuous.

Advanced standing exemptions for prior coursework will be given where applicants have completed units in another institution or in an earlier degree. Core units must be completed as part of the DPpsych degree and no exemptions will be given for the units marked \*.

#### **Year 1 (2nd semester)**

##### *Coursework units*

PSYO935	Professional Practice II
PSYO936	Professional Practice III
PSYO914	Industrial and Organisational Psychology
PSYO915	Organisational Change and Development
PSYO919	Training in Organisations
2 electives	

##### *Core*

*PSYO931	Supervised Placement II
*PSYO932	Supervised Placement III
*PSY994	Research Thesis

#### **Year 2**

##### *Coursework units*

PSYO939	Counselling in Organisations
PSYO937	Professional Practice IV

##### *Core*

*PSYO942	APA (1) (Research Project)
*PSYO933	Supervised Placement IV
*PSY994	Research Thesis

#### **Year 3**

##### *Core*

*PSYO943	APA (2) (Research Project)
*PSYO938	Supervised Placement V
*PSY994	Research Thesis

## **Combined PhD/Coursework Masters in Psychology**

### **PhD/Master of Clinical Neuropsychology**

### **PhD/Master of Clinical Psychology**

### **PhD/Master of Counselling Psychology**

### **PhD/Master of Organisational Psychology**

**Admission requirements:** An honours degree in psychology at first class level; normally expected to have APA or equivalent; acceptance for entry to coursework masters; availability of a suitable and willing PhD supervisor.

**Quota:** It will be possible to admit only a limited number of students. In selecting candidates, particular consideration will be given to information supplied on the supplementary information sheet.#

**Length of candidature:** 4 years full-time or 3 years full-time plus 2 years part-time under specified conditions.

**Attendance:** Students enrolled in the combined degree will substitute the Research Training in Psychology units (see further information in the Department of Psychology entry) in place of the Masters research thesis; and will be required to spread the coursework units as well as the PhD research over four years.

Students will be required to attend and present their research at the Research Conference each year they are enrolled. Requirements and other details of the coursework component of the combined degrees are detailed in the Department of Psychology entry and unit descriptions are summarised under the coursework masters' degree headings.

**Enquiries:** PhD/Master of Clinical Neuropsychology: Dr Arthur Shores, tel +61-2-9850 8071; PhD/Master of Clinical Psychology: Associate Professor Ron Rapee, tel +61-2-9850 8032; PhD/Master of Counselling Psychology: Dr Jac Brown, tel +61-2-9850 8094; PhD/Master of Organisational Psychology: Dr Jane Carstairs, tel +61-2-9850 8005

# Applicants for the combined degree must complete a supplementary personal information sheet IN ADDITION to the standard application form. The supplementary information sheet is available from Ms Erin Thatcher, tel +61-2-9850 8063 or from the Student Enquiry Service, tel +61-2-9850 6410.

The combined degree provides training in both doctoral level research and professional psychological practice. It is anticipated that part-time teaching will be available to students enrolled in this program.

Note that the above degrees are combined research/coursework programs, and it is NOT possible for a student enrolled in a Combined PhD/Coursework Masters in Psychology to take out the Master degree separately.

## Handbook of Postgraduate Studies – 2004

### Doctor of Education (EdD)

**Admission requirements:** A Bachelor degree with first class honours or second class honours division 1, or the Degree of Master containing a substantial externally examined research component, plus at least five years of professional experience.

**Length of candidature:** 2-4 years full time, 2-8 years part time

**Tuition fee 2004:** \$A16,640 per annum for international students

**Course structure:** Two (each of 8 postgraduate credit points) units of coursework (EDD806 and EDD807) and a thesis of up to 75,000 words - externally examined.

**External candidature:** Available subject to specific requirements

The Doctor of Education is based on the Harvard model and is equivalent in rigour to the PhD. It combines a program of coursework (25%) consisting of two doctoral seminars and a thesis (75%) of 75,000 words (maximum) which will be externally examined. The degree is aimed at the improvement of professional practice, policy development and appraisal or administration. Candidates will be encouraged to select research topics closely related to the needs of their current field of employment.

The Doctor of Education degree is available through the School of Education. To be eligible for direct admission an applicant must have completed a Master degree by thesis, or an honours degree of Bachelor with first-class honours or second-class honours division 1 in education, early childhood education or a related field of study.

Applicants should have a significant record of at least five years' professional experience in an education setting or a closely related field of employment. Applicants holding a Master degree which does not include substantial research components may gain admission through a preliminary program.

### Master of Arts (Hons) English

**Admission requirements:** Applicants would normally have completed a BA (Hons) with second class honours division 1 or better; or have gained at least a credit average in an MA (coursework) program; or can satisfy the Department they have equivalent qualifications

**Length of candidature:** Minimum 1.5 years full time

**Commencement:** March each year

**Tuition fee 2004:** \$A16,640 per annum for international students

**Enquiries:** Professor Virginia Blain, tel: +61-2-9850-8743

**Email:** vblain@hmn.mq.edu.au

The Masters Honours in English is undertaken by a mixture of coursework and research. The degree should be particularly useful to students who want to pursue a higher degree but who are as yet uncertain of the precise direction of their research or who want the intellectual

support structure of coursework. The full-time program is designed to take a minimum of 1.5 years. Part-time enrolment is also available. Students should discuss their program and a possible supervisor with the Co-ordinator of Higher Degree Research Students in the Department (currently Professor Virginia Blain) before making an application.

The program in English consists of the following units (please see unit descriptions in Part 3 of the Handbook):

LIT 880	Research Methods
LIT 881	Project Design
LIT 882	Literary Theory
LIT 883	Focused Study Area
LIT 884	Research Project

The Masters Honours in English can also be undertaken including a creative project. This program enables students who can demonstrate an aptitude for creative writing, in the form of previous publications or a portfolio of work, to combine research, coursework and a creative project. The creative strand consists of the following units (please see unit descriptions in Part 3 of the Handbook):

LIT 880	Research Methods
LIT 882	Literary Theory
LIT 887	Research Project
LIT 888	Creative Project

### Honours Degree of Master of Science-Division of Environmental and Life Sciences

**Admission requirements:** A Bachelor degree with an acceptable level of attainment in an appropriate area of study plus successful completion of qualifying units in research methods.

**Length of candidature:** 2 years full-time (maximum) or 4 years part-time (maximum)

**Course structure:** Following successful completion of units in the Postgraduate Certificate in Research Preparation (ELS), students articulate into the Masters program to undertake research leading to a thesis.

**Enquiries:** Associate Professor Brian Atwell, tel +61-2-9850 8224

**Email:** enquiries@els.mq.edu.au

The Master of Science (Honours) program is a research degree offered for candidates in the Division of Environmental and Life Sciences which consists of modules that define components of the degree (experimental phase, thesis writing etc). Candidates enter a brief coursework program (Postgraduate Certificate in Research Preparation (ELS)) on 1 March and 1 August each year (prior to the research stage) and complete a preliminary three-month project during which generic research skills will be assessed and candidates will prepare a preview of their research area, defining aims and writing the introduction of a thesis. In this first semester, candidates will also complete a postgraduate or undergraduate coursework unit that complements their

## Part Two – Postgraduate Study

research area. On achieving a credit grade in these units, the research phase will commence, comprising a year's experimental work followed by a thesis writing stage. The completed introduction will then be coupled with the experimental work to make a thesis, largely in the form of research publications. A graded Honours degree of Master of Science will be awarded, eg MSc (Hons I), MSc (Hons II(I)) for consideration in scholarship rankings and by future employers.

### Master of Education (by research)

**Admission requirements:** A Bachelor degree (or equivalent) plus completion of research training units

**Length of candidature:** 1-2 years full time, 2-4 years part time

**Tuition fee 2004:** \$A16,640 per annum for international students

**Enquiries:** Education: Associate Professor Mike Mitchelmore, tel +61-2-9850 8655

**Email:** Mike.Mitchelmore@mq.edu.au

**Web:** www.aces.mq.edu.au/education

**Enquiries:** Early Childhood: Dr Shirley Wyver, tel +61-2-9850 9859

**Email:** Shirley.Wyver@mq.edu.au

**General enquiries:** Tel +61-2-9850 8649

**Email:** postgrad@aces.mq.edu.au

**Web:** www.aces.mq.edu.au/iec/textnav.htm

Further information and descriptions of seminars, research units and projects for the research programs in Education, Education and Work, and Early Childhood may be obtained from the research co-ordinators of the School of Education and the Institute of Early Childhood. For descriptions of other units of study which may be included in the Masters or Masters(Honours) degrees see Part 3 of the Handbook.

Candidates would normally complete the Postgraduate Diploma in Research Methods (consisting of 3 coursework units) prior to enrolment in the Master of Education. Satisfactory performance in all coursework units is required for entry into the Master of Education.

### Master of Special Education (by research)

**Admission requirements:**

1. A Bachelor degree from Macquarie University with undergraduate units in Special Education or a related discipline; or equivalent qualifications to the above but obtained from some other accredited tertiary institution;
2. at least two years of professional experience relevant to the area of Special Education.

**Length of candidature:** 1-2 years full time, and 2-4 years part time.

**Tuition fee 2004:** \$A16,640 per annum for international students

In addition to the above requirements, applicants will be expected to provide strong referees' reports and demonstrate sound professional writing skills commensurate with thesis level work. Candidates would normally complete the Postgraduate Diploma in Research Methods (consisting of the 3 coursework units below) prior to enrolment in the Master of Special Education (by thesis). Satisfactory performance in all coursework units is required for entry into the Master of Special Education. All candidates will be interviewed before an offer of a place is made.

Preliminary coursework requirements for this program are as follows:

SPED801 Key Research Issues and Methods in Special Education

SPED901 Special Education Project Stage I

SPED902 Special Education Project Stage II

**Enquiries:** Dr Mark Carter Tel +61-2-9850 7880

**Email:** mark.carter@mq.edu.au

**Web:** www.aces.mq.edu.au/mus

## Australian Centre for Educational Studies

The Australian Centre for Educational Studies (ACES) is a Division of Macquarie University comprised of the Institute of Early Childhood, the School of Education, the Macquarie University Special Education Centre (MUSEC) and the Macquarie ICT Innovations Centre. As well, several senior academic staff of the Centre for Professional Development are members of the Division. This combination of expertise and knowledge enables ACES to offer research programs which cover the spectrum of lifelong education.

### Research Programs

#### SCHOOL OF EDUCATION

As a foundation school of Macquarie University, the School of Education began teaching in 1967 and soon after introduced the Teacher Education Program. The ongoing success of the Teacher Education Program has been attributed to its integration of academic, educational and professional studies to produce teachers of high calibre. The School's stature was further acknowledged when the Special Education Centre was established in 1975. The Macquarie University Special Education Centre was the first centre for special education in New South Wales, one of three in the Commonwealth.

The School of Education continues to provide high quality undergraduate and postgraduate coursework and research degrees, designed to equip graduates for effective leadership and research positions in the community. The School's postgraduate programs, many of which are taught online, take a comprehensive view of education considering pre- and post-secondary and adult education, as well as having a strong focus on school education.

In the School of Education, some research groups hold regular meetings at which staff and postgraduate students talk about their proposed and completed research studies. Postgraduate research presentation evenings are also arranged once or twice a year to enable students to present their proposals to a wider audience.

**Enquiries:** Associate Professor Mike Mitchelmore  
**Tel:** +61-2-9850 8655  
**Email:** Mike.Mitchelmore@mq.edu.au  
**Enquiries:** Ms Maree McEvoy  
**Tel:** +61-2-9850 8649  
**Email:** postgrad@aces.mq.edu.au  
**Websites:** www.aces.mq.edu.au/education/  
 www.ro.mq.edu.au/HDRU/

## INSTITUTE OF EARLY CHILDHOOD

The Institute of Early Childhood (IEC) joined Macquarie University on 1 January 1990. Prior to amalgamation with the University it enjoyed a long and prestigious history, for almost a century, as the leading training college for nursery and kindergarten teachers. It became the Institute of Early Childhood in 1982, when the Nursery School Teachers College and the Sydney Kindergarten Teachers College amalgamated. For many years it was the only institution in New South Wales educating students for employment in the full range of services for children from birth to eight years of age, and it is still the only department in Australia providing a range of specialised postgraduate courses in early childhood.

The Postgraduate Program of the Institute offers a range of postgraduate courses for early childhood graduates. It is also now able to extend opportunities for postgraduate education to graduates from other disciplines, such as health, welfare, psychology, law and the arts.

The early childhood area of specialisation covers a wide field and postgraduate students undertaking a PhD, Master of Arts (Honours), Master of Arts, or Master of Education are able to pursue research programs in a number of areas from a variety of theoretical perspectives. Candidates will be accepted into these programs of study provided a member of staff is willing to offer research supervision and sufficient places are available.

At the IEC, monthly meetings are held for postgraduate research students on issues to do with research and postgraduate study and to assist students to prepare presentations for the Postgraduate Research Conference Day.

**Enquiries:** Dr Shirley Wyver  
**Tel:** +61-2-9850 9859  
**Email:** shirley.wyver@mq.edu.au  
**General enquiries:** +61-2-9850 8649  
**Email:** postgrad@aces.mq.edu.au  
**Websites:** <http://www.aces.mq.edu.au/iec/textnav.htm>  
<http://www.ro.mq.edu.au/HDRU/>

### Research Interests

The current research interests of academic and honorary associates available for research supervision are listed on the websites mentioned. Contact Dr Shirley Wyver for a list of recent staff projects and publications.

For all research degrees, the availability of supervision reflects the present research interests of members of the Institute. The establishment within the Institute of The Early Childhood Arts Unit, The Early Childhood Research and Policy Consortium, The Mia Mia Child and Family Centre, the Professional Enquiry Unit and Child, Family and Community Education at Macquarie have provided an impetus for undertaking research in these areas. It is advisable to contact Dr Shirley Wyver for a recent list of staff projects and publications before submitting an application.

## Part Two – Postgraduate Study

Current research within the Institute of Early Childhood includes teacher education in early childhood; policy issues in early childhood; early childhood development; family and community contexts of development; disability in early childhood; curriculum models and development; language and literacy development; the arts in early childhood education; liberal studies including women's studies, media, history, anthropology and others; innovative models of service delivery for families with young children, effects on children's development of multiple childcare arrangements.

### MACQUARIE UNIVERSITY SPECIAL EDUCATION CENTRE

Renowned both nationally and internationally for research and postgraduate teaching in Special Education, Macquarie University Special Education Centre (MUSEC) invites graduates and prospective graduates to consider postgraduate study in Special Education through either coursework or research. MUSEC, under the direction of Professor Kevin Wheldall, is the focus for postgraduate teaching and research in Special Education at Macquarie University and provides world-class facilities and resources for postgraduate study in this area. In particular, MUSEC provides lecture and seminar rooms, research facilities, academic offices and on-campus special education classes where research, program development and training occur on a daily basis.

Above all else, MUSEC is looking for graduates with trained minds who have a genuine interest in Special Education and a respect for the dignity and rights of all people to learn, regardless of their physical or intellectual disabilities or other special needs. Research interests of staff can be found on the websites.

**Enquiries:** Ms Sharyn Gilkes  
**Tel:** +61-2-9850 8695  
**Email:** Sharyn.Gilkes@mq.edu.au or  
**Co-ordinator:** Dr Mark Carter  
**Tel:** +61-2-9850 7880  
**Email:** mark.carter@mq.edu.au  
**Websites:** <http://www.aces.mq.edu.au/musec>  
<http://www.ro.mq.edu.au/HDRU/>

### Coursework Programs

#### Master of Educational Leadership

The Master of Educational Leadership is currently offered for Higher Education, School Education, Early Childhood Education and Education and Work contexts. The course aims to develop knowledge of theory and research in educational leadership and management and explore implications for practice in the chosen context.

**Admission requirements:** A Bachelor degree (or equivalent) and at least two years' relevant work experience; strong referees' reports and a statement of potential career benefits. Applicants should also currently be in a position to exercise leadership or management behaviour.

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

**Length of candidature:** 1 – 2 years full time; 2 – 4 years part time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Stephen Marshall

**Tel:** (02) 9850 9795

**Fax:** (02) 9850 9778

**Email:** [stephen.marshall@mq.edu.au](mailto:stephen.marshall@mq.edu.au)

**Website:** [www.cpd.mq.edu.au/edlshp.htm](http://www.cpd.mq.edu.au/edlshp.htm)

#### Program Structure

Candidates are required to complete eight units, or six units and a project. Units for this program are divided into four groups, A, B, C and D. Candidates must complete the requirements within all four groups.

##### Group A (Both units to be completed)

EDL901 Educational Institutions as Organisations  
 EDL902 Leadership for Learning

##### Group B (One unit to be selected)

EDL903 Organisation of Higher Education  
 EDL904 Organisation of School Education  
 EDL905 Organisation of Early Childhood Education  
 EDL906 Organisation of Education and Work

##### Group C (At least two units to be selected)

MGSM800 Human Resource Management  
 MGSM820 Marketing Management  
 MGSM840 Accounting for Management  
 EDL907 Legal Foundations for Leaders in Learning Institutions  
 EDL908 Educational Research Methods I  
 EDL909 Educational Research Methods II  
 EDL910 Research Methods in Early Childhood I  
 EDL911 Research Methods in Early Childhood II

##### Group D

A maximum of three units selected from all current postgraduate units offered by the School of Education and the Institute of Early Childhood.

### Postgraduate Diploma in Educational Leadership

The Postgraduate Diploma in Educational Leadership is currently offered for Higher Education, School Education, Early Childhood Education and Education and Work contexts. The course aims to develop knowledge of theory and research in educational leadership and management and explore implications for practice in the chosen context.

**Admission requirements:** A Bachelor degree (or equivalent) and at least two years' relevant work experience; strong referees' reports and a statement of potential career benefits.

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

## Handbook of Postgraduate Studies – 2004

**Length of candidature:** 1 year full time; 1.5 – 3 years part time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Stephen Marshall

**Tel:** (02) 9850 9795

**Fax:** (02) 9850 9778

**Email:** stephen.marshall@mq.edu.au

**Website:** www.cpd.mq.edu.au/edlshp.htm

### Program Structure

Candidates undertake an integrated program of six units. Units for this course are divided into four groups, A, B, C and D. Candidates must complete the requirements within all four groups.

#### Group A (both units to be completed)

EDL901 Educational Institutions as Organisations

EDL902 Leadership for Learning

#### Group B (one unit to be selected)

EDL903 Organisation of Higher Education

EDL904 Organisation of School Education

EDL905 Organisation of Early Childhood Education

EDL906 Organisation of Education and Work

#### Group C (at least two units to be selected)

MGSM800 Human Resource Management

MGSM820 Marketing Management

MGSM840 Accounting for Management

EDL907 Legal Foundations for Leaders in Learning Institutions

EDL908 Educational Research Methods I

EDL909 Educational Research Methods II

EDL910 Research Methods in Early Childhood I

EDL911 Research Methods in Early Childhood II

#### Group D

A maximum of one unit selected from all current postgraduate units offered by the School of Education and the Institute of Early Childhood.

### Postgraduate Certificate in Educational Leadership

The Postgraduate Certificate in Educational Leadership is currently offered for Higher Education, School Education, Early Childhood Education and Education and Work contexts. The course aims to develop knowledge of theory and research in educational leadership and management and explore implications for practice in the chosen context.

**Admission requirements:** A Bachelor degree (or equivalent) and at least two years' relevant work experience

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

**Length of candidature:** 0.5 year full time; 1 year part time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Stephen Marshall

**Tel:** (02) 9850 9795

**Fax:** (02) 9850 9778

**Email:** stephen.marshall@mq.edu.au

**Website:** www.cpd.mq.edu.au/edlshp.htm

### Program Structure

Candidates undertake an integrated program of three units consisting of the following:

#### Group A (both units to be completed)

EDL901 Educational Institutions as Organisations

EDL902 Leadership for Learning

#### Group B (one unit to be selected)

EDL903 Organisation of Higher Education

EDL904 Organisation of School Education

EDL905 Organisation of Early Childhood Education

EDL906 Organisation of Education and Work

### Master of Education

The Master of Education is a cohesive program of studies designed to enhance the knowledge, skills and professional development of educators and others with an interest in studies in education.

*Please note: This program does NOT provide a teaching qualification.*

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

**Length of candidature:** 1 – 2 years full-time; 2 – 4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Michael Mitchelmore

**Tel:** (02) 9850 8655

**Fax:** (02) 9850 8674

**Email:** mike.mitchelmore@mq.edu.au

**Website:** www.aces.mq.edu.au/education

### Program Structure

Candidates are required to complete eight units, or six units and a project.

All candidates are required to include at least four of the following units in their program:

EPG803 Applying Educational Psychology

EPG817 Educational Research Methods I or

EPG818 Educational Research Methods II

EPG847 Educational Institutions as Organisations

EPG870 Sociology and Education

EPG875 Curriculum Studies

EPG909 Assessment Issues

The remaining units are selected from postgraduate units currently offered by the School of Education.

## Part Two – Postgraduate Study

Masters degree candidates may be permitted to count for credit up to the equivalent of 8 postgraduate credit points for work undertaken outside the School of Education.

### Master of Education and Work

The Master of Education and Work has a distinctive focus on post-secondary education and training and is intended for teachers, research officers and administrators in educational institutions and personnel engaged in education and training in industry, commerce, the armed services, the public service, the health services and hospitals. The course aims to develop knowledge about the theory and processes of issues related to education and work and to develop skills in decision making, problem solving, organising and communicating in these areas. Seminar offerings are designed for their direct relevance to a wide range of endeavours.

*Please note: This program does NOT provide a teaching qualification.*

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

**Length of candidature:** 1 – 2 years full-time; 2 – 4 years part-time

**Commencement:** March, July

**Program requirements:** total 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Michael Mitchelmore

**Tel:** (02) 9850 8655

**Fax:** (02) 9850 8674

**Email:** mike.mitchelmore@mq.edu.au

**Website:** www.aces.mq.edu.au/education

#### Program Structure

Candidates undertake an integrated program of eight units from the School's postgraduate schedule, or six units and a project. All candidates are required to include the following four core units:

EPG809	Adult Learning
EPG851	Post-Secondary Education
EPG860	Education and the Workforce I
EPG875	Curriculum Studies

The remaining units are selected from postgraduate units currently offered by the School of Education.

Masters degree candidates may be permitted to count for credit up to the equivalent of 2 units for studies undertaken outside the School of Education.

### Postgraduate Diploma in Education and Work

The Postgraduate Diploma in Education and Work has a distinctive focus on post-secondary education and training. The course aims to develop knowledge about the theory and processes of issues related to education and work and develop skills in decision making, problem solving, organising and communicating in these areas. Seminar

offerings are designed for their direct relevance to a wide range of endeavours.

*Please note: This program does NOT provide a teaching qualification.*

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

**Length of candidature:** 1 year full-time; 1.5 – 3 years part-time

**Commencement:** March, July

**Course requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Michael Mitchelmore

**Tel:** (02) 9850 8655

**Fax:** (02) 9850 8674

**Email:** mike.mitchelmore@mq.edu.au

**Website:** www.aces.mq.edu.au/education

#### Program Structure

Candidates complete six units, including at least three of the following:

EPG809	Adult Learning
EPG851	Post-Secondary Education
EPG860	Education and the Workforce I
EPG875	Curriculum Studies

The remaining units are selected from postgraduate units currently offered by the School of Education.

### Postgraduate Diploma in Education Studies

The Postgraduate Diploma in Education Studies is the second step in a performance-based pathway of scholarship. This involves completion of six postgraduate units in a coherent educational framework.

*Please note: This program does NOT provide a teaching qualification.*

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

**Length of candidature:** 1 year full-time; 1.5 – 3 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Michael Mitchelmore

**Tel:** (02) 9850 8655

**Fax:** (02) 9850 8674

**Email:** mike.mitchelmore@mq.edu.au

**Website:** www.aces.mq.edu.au/education

## Handbook of Postgraduate Studies – 2004

### Program Structure

Candidates complete six units, including at least three core units selected from the following:\*\*

EPG803	Applying Educational Psychology
EPG817	Educational Research Methods I or
EPG818	Educational Research Methods II
EPG847	Educational Institutions as Organisations
EPG870	Sociology and Education
EPG875	Curriculum Studies
EPG909	Assessment Issues

The remaining units are selected from postgraduate units currently offered by the School of Education.

\*\* Please note: For candidates who have completed the Postgraduate Certificate in Education Studies (Higher Education), the three completed units (ECPD803, ECPD804 and ECPD805) will be regarded as the core units for the Postgraduate Diploma.

### Postgraduate Certificate in Education Studies

The Postgraduate Certificate in Education Studies is a flexible program designed to cater for the needs of those interested in entry level postgraduate studies related to education and training contexts.

*Please note: This program does NOT provide a teaching qualification.*

**Admission requirements:** A Bachelor degree (or its equivalent)

**Attendance:** Internal; full-time, part-time. Flexible mode available for some units

**Length of candidature:** 0.5 year full-time; 1 year – 1.5 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Michael Mitchelmore

**Tel:** (02) 9850 8655

**Fax:** (02) 9850 8674

**Email:** mike.mitchelmore@mq.edu.au

**Website:** www.aces.mq.edu.au/education

### Program Structure

Candidates complete an integrated program of three units selected from postgraduate units currently offered by the School of Education and approved by the School's Postgraduate Coordinator.

### Postgraduate Certificate in Education Studies (Higher Education)

The Postgraduate Certificate in Education Studies (Higher Education) is designed to cater for the needs of those interested in entry level postgraduate studies related to higher education, teaching and learning.

**Admission requirements:** A Bachelor degree (or its equivalent). Applicants must be currently teaching or

have recent teaching experience in the higher education context.

**Attendance:** Internal; full-time; part-time

**Length of candidature:** 0.5 year full-time; 1 – 1.5 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Anna Reid, Centre for Professional Development

**Tel:** (02) 9850 9780

**Fax:** (02) 9850 9778

**Email:** anna.reid@mq.edu.au

**Website:** www.cpd.mq.edu.au/lern\_tch/It\_award.htm

### Program Structure

Candidates complete the following units:

ECPD803	Introduction to University Learning and Teaching
ECPD804	Learning and Teaching in Different University Contexts
ECPD805	Curriculum Design and Assessment in Higher Education

### Postgraduate Certificate in Research Methods (ACES) – Education

The Postgraduate Certificate in Research Methods (ACES) – Education is a program designed to prepare students for admission to a higher degree by research. It will introduce students to research methods in education; assist with development of a research proposal, a literature review and the design and piloting of a research project. It is also an introduction to research in educational studies for students wishing to apply research principles in work contexts.

**Admission requirements:** A Bachelor degree (or its equivalent)

**Attendance:** Internal; full-time; part-time

**Length of candidature:** 0.5 year full-time; 1 – 1.5 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Michael Mitchelmore

**Tel:** (02) 9850 8655

**Fax:** (02) 9850 8674

**Email:** mike.mitchelmore@mq.edu.au

**Website:** www.aces.mq.edu.au/education

### Program Structure

Candidates complete the following units:

EPG 818	Educational Research Methods II
EPG 934	Education Project Stage I
EPG 935	Education Project Stage II

### Master of Early Childhood

The program provides candidates with an opportunity to undertake advanced study in early childhood, to enhance

## Part Two – Postgraduate Study

their professional knowledge, and extend their knowledge of related areas in early childhood. The program also provides an opportunity for outstanding candidates to progress to research programs.

*Please note: This program does NOT provide a teaching qualification.*

### Admission requirements:

- Bachelor of Education or Bachelor level degree with evidence of substantial study in education, social sciences or humanities; or permission of the Head of Division; *and*
- Evidence of experience with infants and children (0-8 years) and their families. This should involve work with a professional organisation and/or as part of undergraduate or postgraduate study. Applicants should supply contact information in case further enquiries about employment history are required.

**Attendance:** External; full-time, part-time

**Length of candidature:** 1 – 2 years full-time; 2 – 4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Susan Roberts

**Tel:** (02) 9850 9873

**Fax:** (02) 9850 9890

**Email:** susan.roberts@mq.edu.au

**Website:** www.aces.mq.edu.au/iec

### Program Structure

Candidates complete ECED852 Research Methods in Early Childhood I and seven elective units chosen from the current postgraduate offerings of the Institute of Early Childhood.

Masters degree candidates may be permitted to count for credit up to the equivalent of two units for studies undertaken outside the Institute of Early Childhood.

### Postgraduate Diploma In Early Childhood

The program provides candidates with an opportunity to undertake advanced study in early childhood, to enhance their professional knowledge, and extend their knowledge of related areas in early childhood.

*Please note: This program does NOT provide a teaching qualification.*

### Admission requirements:

- Bachelor of Education or Bachelor level degree with evidence of substantial study in education, social sciences or humanities; or permission of Head of Division and
- Evidence of experience with infants and children (0-8 years) and their families. This should involve work with a professional organisation and/or as part of undergraduate or postgraduate study. Applicants should supply contact information in case further enquiries about employment history are required.

**Attendance:** External; full-time, part-time

**Length of candidature:** 1 year full-time; 1.5 years part-time

**Commencement:** March, July

**Course requirements:** 24 pg credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Susan Roberts

**Tel:** (02) 9850 9873

**Fax:** (02) 9850 9890

**Email:** susan.roberts@mq.edu.au

**Website:** www.aces.mq.edu.au/iec

### Program Structure

Candidates complete ECED852 Research Methods in Early Childhood I and five elective units chosen from the current postgraduate offerings of the Institute of Early Childhood.

### Postgraduate Certificate In Early Childhood

The program provides candidates with an opportunity to undertake advanced study in early childhood, to enhance their professional knowledge, and extend their knowledge of related areas in early childhood.

*Please note: This program does NOT provide a teaching qualification.*

**Admission requirements:** Bachelor of Education or Bachelor level degree with evidence of substantial study in education, social sciences or humanities; or permission of Head of Division.

**Attendance:** External; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Susan Roberts

**Tel:** (02) 9850 9873

**Fax:** (02) 9850 9890

**Email:** susan.roberts@mq.edu.au

**Website:** www.aces.mq.edu.au/iec

### Program Structure

Candidates complete ECED852 Research Methods in Early Childhood I and two elective units chosen from the current postgraduate offerings of the Institute of Early Childhood.

### Postgraduate Certificate in Research Methods (ACES) – Early Childhood

The Postgraduate Certificate in Research Methods (ACES) – Early Childhood is designed to prepare students for admission to a higher degree by research. This program will introduce students to research methods in early childhood education; assist with development of a research proposal, a literature review and the design and piloting of a research project. It is also an introduction to

## Handbook of Postgraduate Studies – 2004

research in educational studies for students wishing to apply research principles in work contexts.

**Admission requirements:** A Bachelor degree (or its equivalent)

**Attendance:** External; full-time; part-time

**Length of candidature:** 0.5 year full-time; 1 – 1.5 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Susan Roberts

**Tel:** (02) 9850 9873

**Fax:** (02) 9850 9890

**Email:** susan.roberts@mq.edu.au

**Website:** www.aces.mq.edu.au

### Program Structure

Candidates complete the following units:

ECED853	Research Methods in Early Childhood II
ECED854	Minor Independent Investigation I
ECED858	Minor Independent Investigation II

### Master of Special Education (by Coursework)

The Master of Special Education allows students to focus on specialised areas and includes the option of completing a small-scale research project in an area of interest. We are looking for graduates who have a genuine interest in special education and a respect for the dignity and rights of all people to learn, regardless of their physical or intellectual disabilities or other special needs. A teaching qualification is not required unless you subsequently want to work as a special education teacher in schools. Career opportunities exist in a wide range of special education and disability settings from the preschool years to adulthood.

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 – 3 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Ms Sharyn Gilkes

**Tel:** (02) 9850 8695

**Fax:** (02) 9850 8254

**Email:** sharyn.gilkes@mq.edu.au

**Website:** www.aces.mq.edu.au/musec

### Program Structure

Candidates complete six core units and two elective units.

#### Core

SPED801	Key Research Issues and Methods in Special Education
SPED802	Instructional Technology I

SPED803 Instructional Technology II (High Support Needs)

SPED804 Effective Literacy Instruction

SPED805 Effective Numeracy Instruction

SPED806 Behaviour Problems and Classroom Management

#### Elective

SPED807 Communication Problems

SPED808 Early Intervention

SPED901 Special Education Project Stage I

SPED902 Special Education Project Stage II

### Postgraduate Diploma in Special Education

The Postgraduate Diploma provides a coherent program of study in special education to prepare students for the advanced professional duties of a qualified Special Educator. The course structure and content is philosophically based upon a contemporary view of applied behaviour analysis. We are looking for graduates who have a genuine interest in special education and a respect for the dignity and rights of all people to learn, regardless of their physical or intellectual disabilities or other special needs. A teaching qualification is not required unless you subsequently want to work as a special education teacher in schools. Career opportunities exist in a wide range of special education and disability settings from the preschool years to adulthood.

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal, external, full-time, part-time

**Length of candidature:** 1 year full-time; 2 – 3 years part-time

**Program requirements:** 24 postgraduate credit points

**Commencement:** March, July

**Tuition fee 2004:** HECS

**Enquiries:** Ms Sharyn Gilkes

**Tel:** (02) 9850 8695

**Fax:** (02) 9850 8254

**Email:** sharyn.gilkes@mq.edu.au

**Website:** www.aces.mq.edu.au/musec

### Program Structure

Candidates complete the following units:

SPED801 Key Research Issues and Methods in Special Education

SPED802 Instructional Technology I

SPED803 Instructional Technology II (High Support Needs)

SPED804 Effective Literacy Instruction

SPED805 Effective Numeracy Instruction

SPED806 Behaviour Problems and Classroom Management

### Postgraduate Certificates in Special Education

The Postgraduate Certificates in Special Education provide highly specific programs of coursework aimed at trained teachers and graduates in other related fields such

## Part Two – Postgraduate Study

as psychology, occupational therapy, speech pathology, health and social services, who wish to gain additional specialised professional knowledge in special education. We are looking for graduates who have a genuine interest in special education and a respect for the dignity and rights of all people to learn, regardless of their physical or intellectual disabilities or other special needs. A teaching qualification is not required unless you subsequently want to work as a special education teacher in schools. Career opportunities exist in a wide range of special education and disability settings from the preschool years to adulthood.

### Postgraduate Certificate in Special Education (Behaviour Problems)

This Certificate provides a substantive non-categorical rationale for the management of behaviour. The program is designed to introduce students to a wide range of research-based practice in behaviour management and to assist students to develop a research-based approach to the day-to-day management of behaviour. The inclusion of the unit on “Effective Literacy Instruction” reflects the emphasis on the relationship between poor classroom behaviour and lack of academic success and, in particular, poor academic progress in literacy. SPED804 ensures that students undertaking the Certificate have a sound grasp of effective literacy instruction as well as the research-based instructional principles underpinning effective behaviour and classroom management.

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 – 2 years part-time

**Course requirements:** 12 postgraduate credit points

**Commencement:** March, July

**Tuition fee 2004:** HECS

**Enquiries:** Ms Sharyn Gilkes

**Tel:** (02) 9850 8695

**Fax:** (02) 9850 8254

**Email:** sharyn.gilkes@mq.edu.au

**Website:** www.aces.mq.edu.au/musec

#### Program Structure

*Candidates complete the following units:*

SPED802	Instructional Technology I
SPED804	Effective Literacy Instruction
SPED806	Behaviour Problems and Classroom Management

### Postgraduate Certificate in Special Education (Early Intervention)

This course will make a valuable addition to the professional preparation of educators, therapists, and consultants whose practice focuses upon young children (0-6) with disabilities and their families. This program provides an in-depth examination of research-based issues, considerations and procedures in the assessment, instructional planning and implementation for infants and

preschoolers. Models for the provision of early intervention services are examined and appropriate curricula for early intervention programs are explored.

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 – 2 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Ms Sharyn Gilkes

**Tel:** (02) 9850 8695

**Fax:** (02) 9850 8254

**Email:** sharyn.gilkes@mq.edu.au

**Website:** www.aces.mq.edu.au/musec

#### Program Structure

*Candidates complete the following units:*

SPED802	Instructional Technology I
SPED807	Communication Problems
SPED808	Early Intervention

Candidates successfully completing the requirements for the Certificate may have these units credited towards the Postgraduate Diploma in Special Education (upon admission to the Diploma).

### Postgraduate Certificate in Special Education (High Support Needs)

The Postgraduate Certificate in Special Education (High Support Needs) provides professional training for individuals working with students with intellectual or other developmental disabilities. The program of study is appropriate to a wide range of individuals including teachers, therapists, psychologists, residential care workers and workplace trainers. Units within the program of study address instructional technology, curriculum issues, communication and management of challenging behaviour.

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 – 2 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Ms Sharyn Gilkes

**Tel:** (02) 9850 8695

**Fax:** (02) 9850 8254

**Email:** sharyn.gilkes@mq.edu.au

**Website:** www.aces.mq.edu.au/musec

#### Program Structure

*Candidates complete the following units:*

SPED802	Instructional Technology I
SPED803	Instructional Technology II (High Support Needs)and
SPED806	Behaviour Problems and Classroom Management

## Handbook of Postgraduate Studies – 2004

or  
SPED807 Communication Problems

Candidates who successfully complete the requirements for the Certificate may have these units credited towards the Postgraduate Diploma in Special Education (upon admission to the Diploma).

### Postgraduate Certificate in Special Education (Learning Difficulties)

This course has been designed to assist teachers and clinicians who are working with students with learning difficulties. The approach taken is non-categorical, the emphasis being on the literacy and/or numeracy problems encountered by students and not the underlying aetiology. Central to this course is the instructional technology that has been identified in the literature as being effective in teaching students who have difficulties in learning. Selection of content for literacy and numeracy programs, the focus of these programs, and the assessment of prerequisite skills are examined within an empirical framework. Students will be provided with many practical ideas for assessment and programming, always based on current research evidence.

**Admission requirements:** A Bachelor degree (or equivalent)

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 years full-time; 1 – 2 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Ms Sharyn Gilkes

**Tel:** (02) 9850 8695

**Fax:** (02) 9850 8254

**Email:** sharyn.gilkes@mq.edu.au

**Website:** www.aces.mq.edu.au/musec

#### Program Structure

*Candidates complete the following units:*

SPED802 Instructional Technology I  
SPED804 Effective Literacy Instruction  
SPED805 Effective Numeracy Instruction

Candidates who successfully complete the requirements for the Certificate may have these units credited towards the Postgraduate Diploma in Special Education (upon admission to the Diploma).

### Postgraduate Certificate in Research Methods (ACES) – Special Education

The aim of this certificate is to prepare students for research in special education. It is an essential prerequisite for students who wish to study for a postgraduate degree by research thesis at MUSEC but is available to anyone who is keen to learn the basics of research in special education. The certificate comprises three units: a coursework unit (SPED801) which provides instruction in basic statistics and research design, literature searching and how to analyse research critically; and two pro-

ject units, SPED 901 and SPED 902, which require, respectively, the completion of a 5,000 word review of a body of recent research literature on a chosen topic followed by a small scale or pilot research study, usually involving empirical data collection, which is again to be written up in 5,000 words.

**Admission requirements:** A Bachelor degree (or equivalent) in a relevant area

**Attendance:** Internal, external; part-time

**Length of candidature:** 1 – 2 years part-time

**Commencement:** March, July

**Course requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Ms Sharyn Gilkes

**Tel:** (02) 9850 8695

**Fax:** (02) 9850 8254

**Email:** sharyn.gilkes@mq.edu.au

**Website:** www.aces.mq.edu.au/musec

#### Program Structure

Candidates complete the following units:

SPED801 Key Research Issues and Methods in Special Education  
SPED901 Special Education Project Stage I  
SPED902 Special Education Project Stage II

## Division of Economic and Financial Studies

### Research Programs

The Division attaches great importance to providing a stimulating and supportive environment for research students. There are excellent facilities in the Division for research students including shared office accommodation with access to computers, access to a first rate library as well as limited funding opportunities for travel to conferences. All departments have active research programs and welcome applications from both local and international students.

**Enquiries:** Professor Rod O'Donnell  
Director of Postgraduate Studies  
**Tel:** +61-2-9850-8480 or  
Ms Debbie Jeffery  
Administrator for Postgraduate Studies  
**Tel:** +61-2-9850-8506

### DEPARTMENT OF ACCOUNTING AND FINANCE

Research interests of staff in the Accounting and Finance department cover financial accounting, finance, management accounting, auditing, accounting information systems and international accounting.

In financial accounting, research interests include: accounting standards and financial reporting, accounting history, accounting for corporate combinations and associations, the financial characteristics of takeover active companies, corporate social and environmental disclosure practices, and the financial performance of ethical trusts.

In finance, research interests include: the behaviour of accounting numbers and their relation to share prices, analysts forecasts, pricing of options and derivative securities, the relationship between dividends, interest rates and stock returns and other economic factors affecting securities markets.

In management accounting, research interests include: the design of management information systems for organisational planning, control and performance evaluation (including projects concentrating on strategic management control), advanced cost management systems, and public sector accounting.

In auditing and information systems, research interests include: audit judgement, audit tendering, the economics of auditing and the implementation and use of information technology. The department also maintains a strong interest in international accounting.

**Enquiries:** Professor Peter Eddey  
**Tel:** +61-2-9850 8523 or  
Associate Professor Jill McKinnon  
**Tel:** +61-2-9850 8519

## Part Two – Postgraduate Study

**Website:** <http://www.gacc.mq.edu.au/deprog.htm>  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF ACTUARIAL STUDIES

Subjects related to the actuarial control and management of life insurance, general insurance, superannuation and other financial institutions will be considered. Specific areas include: asset/liability modelling; application of financial theory to insurance and superannuation; investment policy and strategy for insurance and superannuation funds; modelling of losses from natural hazards; modelling of mortality and morbidity; projection of mortality rates; actuarial implications of the ageing population; and approaches to learning actuarial studies.

**Enquiries:** Ms Shauna Ferris  
**Tel:** +61-2-9850 7294  
**Email:** [sferris@efs.mq.edu.au](mailto:sferris@efs.mq.edu.au) or  
Ms Jean Cavanagh  
**Tel:** +61-2-9850 8574  
**Email:** [jcavanag@efs.mq.edu.au](mailto:jcavanag@efs.mq.edu.au)  
**Websites:** <http://www.acst.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

### APPLIED FINANCE CENTRE

The Applied Finance Centre was established in 1980. It is the home of the world's largest Master's Program in Applied Finance. This Master of Applied Finance degree program is the focus of the Centre's teaching. It is offered in Hong Kong, Singapore, Tokyo and a number of Australian cities - Brisbane, Melbourne, Perth and Sydney.

The Centre's PhD program is closely linked with our research agenda. Supervision is generally by the Centre's faculty, with related research interests, and experienced industry practitioners. The Centre offers attractive PhD Scholarships in Applied Finance and provides substantial computing and other research support to PhD students. Candidates should have a bachelor's degree at honours level, of at least second class division one, or a Master's degree and, preferably, work experience in finance and a demonstrated capacity for research in applied finance. In addition to the PhD thesis you may be required to complete some specialised courses to equip you for your chosen area of research. Studying full-time, you would be expected to complete the PhD program in two to three years. Studying part-time, you should expect to take at least an additional year and we would usually expect you to study full-time for a continuous period of at least nine months on campus in Sydney.

Research interests of the Centre place emphasis on issues in finance that potentially impact the activities of financial institutions, fund managers and corporations. These include areas such as derivatives, financial and operational risk management, asset allocation, investment performance measurement, corporate finance, project valuation, executive compensation schemes and issues in finance law. The Centre currently has four PhD students

## Handbook of Postgraduate Studies – 2004

(three on Centre scholarships) working on issues related to dynamic portfolio allocation, hedge funds, exotic options and exchange rate and volatility modelling. The Centre's research papers are available from its website.

**Enquiries:** Professor Bill Norton  
**Tel:** +61-2-9223 6231  
**Email:** Bill.Norton@mafc.mq.edu.au or  
 Associate Professor Rob Trevor  
**Tel:** +61-2-9850-8447  
**Email:** Rob.Trevor@mafc.mq.edu.au  
**Websites:** <http://www.mafc.mq.edu.au/>  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF BUSINESS

The main interests in the Department encompass Demography, Marketing and Management. Demographic research at Macquarie University is distinctive in that it places emphasis on quantitative methods. Areas of research interest of the staff include business demographics, consumer research, fertility, family planning, mortality, ethnic demography, population and development, statistical demography, epidemiology and medical demography.

In addition to central marketing themes, specific interests include: social marketing; event marketing; life stage consumption patterns; quantitative methods for the definition of market segments; and household consumption patterns in the Asia-Pacific region.

Areas of research in management include value chain analysis and management; regulatory policy (with special reference to environmental protection, urban planning and sustainable development); strategic thinking and organisational learning; distributional effects of globalisation; corporate restructuring; organisational commitment; and organisational theory including new organisational forms.

**Enquiries:** Associate Professor Marc Jones  
**Tel:** +61-2-9850 8453

### DEPARTMENT OF ECONOMICS

The Department of Economics has a full-time academic staff of over 30 who conduct research in a wide range of areas including macroeconomics, microeconomics, Asian economies and economic development, history of economic thought, financial economics, econometrics and economic education. The Department hosts the Centre for Japanese Economic Studies.

Students may enrol for either the PhD or MEd degree by research. There are no mandatory coursework requirements, but depending on their previous studies, individual candidates may be required to complete satisfactorily some extra coursework to ensure that they have adequate preparation for an advanced research degree. Such coursework would typically include advanced macroeconomics, advanced microeconomics and advanced econometrics, but the particular combination can be tailored to meet the research needs of the individual concerned.

### Current Research

Major areas of interest in macroeconomics and finance include fiscal, industry and inflation policy, financial reform, international economics and finance (including capital markets, taxation, exchange rates, energy markets, commodity futures) competition in financial markets, financial risk management, and labour market issues.

Microeconomic research includes major projects on the measurement of demand for public outlays, tax policy modelling, the economics of drug abuse, cultural economics, valuation of the environment and sustainable development, deregulation.

Research on the history of economic thought includes Keynes' thought, the relationship between economics, philosophy and politics, including theories of redistributive justice, and the history of Australian economic thought.

With regard to Asian economies, the Department is noted for its research on the Japanese, Vietnamese and Burmese economies. It also has relevant expertise on transition and emerging market economies more generally (especially in the areas of industrial organisation, inequality, global trading and monetary systems) as well as econometric studies of developing economies.

Econometric research includes Monte Carlo investigations of tests for co-integration and seasonal integration, as well as macroeconomic and microeconomic modelling, index number theory, aggregation theory, duality, and applied econometrics.

**Enquiries:** Mr Glenn Jones  
**Tel:** +61-2-9850 8500  
**Email:** gjones@efs.mq.edu.au  
**Websites:** [www.econ.mq.edu.au](http://www.econ.mq.edu.au)  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF STATISTICS

The research interests of the statisticians at Macquarie focus on two major streams:

- theoretical and computational statistics including medical imaging, and time series, and
- bio-medical statistics and epidemiology.

The theoretical and computational statistics group is mostly concerned with theoretical and algorithmic aspects of statistical image processing and function estimation. Other basic research interests include time series, characterisations of distributions, discrete multivariate distributions, statistical decision theory, nonparametric regression methods and regression quantiles methods.

The bio-medical statistics, epidemiology and bioinformatics group, which works closely with clinicians, is mostly concerned with the development and application of statistical methods for medical research. These include methods for analysing functional data, genome and proteome research and decision making involving quality of life considerations.

Other research of members of the Department includes sporting strategies and transport modeling. The computational statistics research group has a network of Linux workstations. All these are dedicated solely to research use.

Recent PhD graduates, and their area of research, can be found on the websites.

At the present time there are six PhD students in the Department working on topics in epidemiology, image analysis, survival analysis, stochastic finance, and non-parametric curve estimation. Three PhD students are expected to begin their study in 2004. Full-time postgraduate students in statistics have available office accommodation with PCs or Linux workstations.

**Enquiries:** Dr Andrzej Kozek  
**Tel:** +61-2-9850 8556  
**Email:** akozek@efs.mq.edu.au  
**Websites:** <http://www.stat.mq.edu.au/postgrad/resdeg.htm>  
<http://www.ro.mq.edu.au/HDRU/>

## Coursework Programs

### Master of Accounting

The Master of Accounting effectively allows candidates to count the CPA or CA program for credit toward a Masters degree.

**Admission requirements:** Bachelor degree in any discipline from a recognised university with a GPA of at least 2.70 (out of 4.00).

**Attendance:** Internal; full-time or part-time

**Length of candidature:** 2–3 years full-time, 3–5 years part-time

**Commencement:** January, May and August

**Program requirements:** 32 postgraduate credit points (plus up to 15 prerequisite credit points)

**Tuition fee 2004:** \$380.00 per credit point, except for ACCG833 and ACCG834 which are \$120.00 per credit point

**Enquiries:** Mrs Mary Dale  
**Tel:** (02) 9850 8538  
**Fax:** (02) 9850 6196  
**Email:** [acct@efs.mq.edu.au](mailto:acct@efs.mq.edu.au)  
**Website:** [www.gacc.mq.edu.au](http://www.gacc.mq.edu.au)

### Program Structure

The Master of Accounting program consists of all units required for the Postgraduate Diploma in Accounting plus:

ACCG833 Professional Qualifying Program—CPA  
 (CPA program of CPA Australia)  
 or  
 ACCG834 Professional Qualifying Program—CA  
 (CA program of ICA Australia)

Candidates may enrol in ACCG833 and ACCG834 only after they have completed the requirements for the Postgraduate Diploma in Accounting, and only if the Diploma has not been conferred.

### Postgraduate Diploma in Accounting

The Postgraduate Diploma in Accounting provides a path for university graduates in any discipline to acquire qualifications that are fully recognised by CPA Australia and the Institute of Chartered Accountants in Australia. The Postgraduate Diploma in Accounting meets the admission requirements of both CPA Australia and the ICAA.

**Admission requirements:** A Bachelor degree in any discipline from a recognised university with a GPA of at least 2.70 (out of 4.00)

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–2 years full-time, 2–4 years part-time

**Commencement:** January, May and August

**Program requirements:** 24 postgraduate credit points (plus up to 15 prerequisite credit points)

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Mrs Mary Dale  
**Tel:** (02) 9850 8538  
**Fax:** (02) 9850 6196  
**Email:** [acct@efs.mq.edu.au](mailto:acct@efs.mq.edu.au)  
**Website:** [www.gacc.mq.edu.au](http://www.gacc.mq.edu.au)

### Program Structure

The Postgraduate Diploma in Accounting consists of the following units:

ACCG849	Economic Analysis*
ACCG851	Business Law*
ACCG852	Managerial Accounting
ACCG853	Accounting Information Systems
ACCG854	Company Law
ACCG855	Corporate Accounting
ACCG856	Auditing and Assurance Services
ACCG857	Taxation Law
ACCG858	Financial Management and Policy
ACCG859	Current Issues in Accounting
ACCG860	Quantitative Methods*
ACCG861	Principles of Accounting A*
ACCG862	Principles of Accounting B*

For the award of the Postgraduate Diploma in Accounting a maximum of five exemptions may be granted. Exemptions normally involve one or more of the five marked (\*) units in the above list. Exemptions can only be granted for previously completed units that are accredited or approved by CPA Australia and the Institute of Chartered Accountants in Australia.

The Postgraduate Diploma in Accounting runs over three 13-week terms per year. The Postgraduate Diploma and Master of Accounting application closing dates are:

*First Trimester:* 30 November

*Second Trimester:* 21 April

*Third Trimester:* 5 August

Candidates may commence in any term, subject to the availability of appropriate units. Upon completion of the Postgraduate Diploma in Accounting, candidates may apply for entry to the Master of Accounting or the Master of Commerce programs.

## Handbook of Postgraduate Studies – 2004

### Master of Commerce in Accounting and Finance

The Master of Commerce in Accounting and Finance allows candidates to choose from a range of units in financial and management accounting, finance, auditing, taxation and information systems. It should be noted that completion of this degree does not qualify graduates for progression to membership with the Institute of Chartered Accountants in Australia or CPA Australia.

**Admission requirements:** A good first degree from a recognised university, with a major in accounting or finance and a GPA of at least 2.70 (out of 4.00).

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–2 years full-time; 2–4 years part-time

**Commencement:** March or July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Graduate Accounting and Commerce Centre

**Tel:** (02) 9850 8526

**Fax:** (02) 9850 9956

**Email:** gacc@efs.mq.edu.au

Ms Renee Radich

**Tel:** (02) 9850 8534

**Fax:** (02) 9850 6196

**Email:** renee.radich@mq.edu.au

**Website:** www.gacc.mq.edu.au

#### Program Structure

Candidates complete eight units or a combination of coursework units and a research project.

Units available for the Master of Commerce in Accounting and Finance

ACCG805	Research Methodology in Finance
ACCG806	Risk Management and Derivatives
ACCG807	Research Seminar in Accounting and Finance
ACCG808	Corporate Finance
ACCG811	Advanced Auditing and Assurance Services
ACCG812	Information Technology Management
ACCG818	Investments
ACCG822	Information Systems in Business
ACCG825	Management Accounting: Strategy and Control
ACCG827	Entrepreneurship and Business Strategy
ACCG828	Management Control Systems
ACCG832	Business and Financial Analysis
ACCG835	International Accounting
ACCG837	Capital Markets
ACCG838	Business Valuation
ACCG839	Portfolio Management
ACCG840	Personal Financial Planning
ACCG845	Performance Measurement and Management
ACCG871	Advanced Corporate Accounting
ACCG872	Advanced Financial Reporting
ACCG882	Advanced Taxation

ACCG884	Current Issues in Tax and Corporate Law
ACCG890	Corporate Financial Forecasting
ACCG893	Research Methodology in Accounting
ACCG896	Quantitative Methods in Accounting and Finance
ACCG899	Research Project
ACST815	Superannuation
ACST827	Corporate and Structured Finance
ACST828	Options, Futures and Derivatives
BUS852	International Taxation
ECON828	International Investment and Risk
ECON867	International Financial Management
MKTG800	Marketing and Finance

With approval of the program director, students can select up to two units from the Master of Commerce in Business as substitutes for any of the above units.

\*Eight credit points advanced standing can be given for a completed CPA or CA program.

### Master of Applied Finance

The Master of Applied Finance is recognised as:

- meeting the education requirements for Senior Associate status of the Australasian Institute of Banking and Finance, provided the units include Strategic Marketing in Finance;
- meeting the education requirement for full membership of the Finance and Treasury Association, provided the units include Debt Capital Markets, Equity Capital Markets and Corporate Treasury Management;
- a postgraduate specialist course in Treasury by the Australian Society of Certified Practising Accountants; and
- a qualification for responsible officers of organisations holding a licence issued by the Australian Securities and Investments Commission.

**Admission requirements:** A Bachelor degree from an accredited university and a minimum of two years of relevant work experience. Some places will be available to applicants who do not have a degree but have other qualifications and substantial experience in the finance industry. Applicants for whom English is not the first language must have educational qualifications in English or pass an approved English language test.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–2 years full-time; 2–4 years part-time

**Commencement:** February, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$725.00 per credit point (North Ryde and Sydney CBD only)

**Enquiries:** Professor Bill Norton

**Tel:** (02) 9223 6231

**Fax:** (02) 9223 6237

**Email:** bill.norton@mafc.mq.edu.au

**Website:** www.mafc.mq.edu.au

## Part Two – Postgraduate Study

*Program Structure*

Candidates complete five core units and six elective units.

**Postgraduate Certificate in Applied Finance**

**Admission requirements:** Similar to those for the Master of Applied Finance program except that there is a lower minimum number of years of work experience required of those applicants who do not have a degree.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–2 years part-time

**Commencement:** February or July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$725.00 per credit point (North Ryde and Sydney CBD only)

**Enquiries:** Professor Bill Norton

**Tel:** (02) 9223 6231

**Fax:** (02) 9223 6237

**Email:** bill.norton@mafc.mq.edu.au

**Website:** www.mafc.mq.edu.au

*Program Structure*

Candidates complete two core units and four elective units, or three core units and two elective units.

Units available for the Master of and Postgraduate Certificate in Applied Finance:

*Core*

ECFS865	Investments
ECFS866	Corporate Finance
ECFS867	Financial Instruments
ECFS868	Financial Risk Management
ECFS874	Legal and Tax Risk in Finance

*Elective*

ECFS842	Mergers and Acquisitions
ECFS845	Applied Portfolio Management
ECFS849	Research Paper
ECFS850	Corporate Treasury Management
ECFS854	Strategic Marketing in Finance
ECFS857	Credit and Lending Decisions
ECFS860	Swap Book Management
ECFS864	Property Investment
ECFS871	Risk and Portfolio Construction
ECFS876	Structured Finance Law
ECFS877	Project Finance
ECFS880	Infrastructure and Property
ECFS881	Derivatives Valuation
ECFS882	Exotic Options
ECFS883	Venture Capital
ECFS886	Debt Capital Markets
ECFS888	Economics of Financial Markets
ECFS889	Taxation in Finance
ECFS892	Managing Innovation
ECFS895	Private Equity Investment
ECFS896	Credit Risk Management
ECFS897	Managing Shareholder Value
ECFS898	Managing Energy Risk

ECFS899	Modelling Financial Risk
ECFS991	Equity Capital Markets
ECFS992	Hedge Funds
ECFS993	Negotiation in Finance
ECFS994	Cashflow Structuring

**Master of Commerce in Business**

The Master of Commerce in Business is a modern business degree that enables graduates to study units across a range of disciplinary areas offered by the Division of Economic and Financial Studies. The degree provides an opportunity to acquire an interdisciplinary understanding of business with a concentration in at least one major area of business activity.

**Admission requirements:** A Bachelor degree in any discipline from a recognised university with a GPA of at least 2.70 (out of 4.00). Applicants wishing to major in actuarial studies must have an undergraduate degree in actuarial studies (or equivalent eg professional qualifications). Applicants who have not completed sufficient business units in a previous degree will be required to undertake a preliminary program (approximately one semester of full time study) prior to enrolment in the Masters program.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–1.5 years full-time, 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Graduate Accounting and Commerce Centre

**Tel:** (02) 9850 8526

**Fax:** (02) 9850 9956

**Email:** gacc@efs.mq.edu.au

**Website:** www.gacc.mq.edu.au

*Program Structure*

Candidates complete eight units. Three or four units must be selected from one of the disciplinary areas, which is then designated as a major area of study. The remaining units are selected from other disciplinary areas, with no more than three units taken from any one other disciplinary area. It is possible to complete two major areas of study.

The units offered within each disciplinary area are shown below.

*Accounting*

ACCG811	Advanced Auditing and Assurance Services
ACCG825	Management Accounting: Strategy and Control
ACCG827	Entrepreneurship and Business Strategy
ACCG828	Management Control Systems
ACCG832	Business and Financial Analysis
ACCG835	International Accounting
ACCG840	Personal Financial Planning
ACCG845	Performance Measurement and Management

**Handbook of Postgraduate Studies – 2004**

ACCG871	Advanced Corporate Accounting
ACCG872	Advanced Financial Reporting
ACCG893	Research Methodology in Accounting
ACCG896	Quantitative Methods in Accounting and Finance
ACCG899	Research Project

*Actuarial Studies*

ACST801	Actuarial Research Project
ACST827	Corporate and Structured Finance
ACST828	Options, Futures and Derivatives
ACST831	Actuarial Control Cycle 1
ACST832	Actuarial Control Cycle 2

Students with an actuarial studies major may choose to include up to two statistics units from the following:

STAT811	Generalized Linear Models
STAT821	Multivariate Analysis
STAT822	Time Series
STAT890	Stochastic FinanceCommercial Law
ACCG882	Advanced Taxation
ACCG884	Current Issues in Tax and Corporate Law
BUS852	International Taxation
BUSL832	Business Transactions Law
BUSL833	Business Property Law
BUSL834	Law of Business Enterprises
BUSL851	International Commercial Law
BUSL852	Trade Practices Law

*Economics*

ECON835	Applied Econometrics II
ECON840	Applied Econometrics I
ECON842	Principles of Monetary Economics
ECON844	Monetary and Financial Policies
ECON846	International Monetary Policy
ECON847	International Trade
ECON850	Economic Evaluation and Policy
ECON851	Public Finance
ECON852	Industry Regulation and Public Enterprise
ECON853	Economics of Public Issues
ECON857	Economic Development and World Economic Order
ECON859	Research Project
ECON860	Advanced Microeconomics
ECON861	Advanced Macroeconomics
ECON880	Research Project B (8 cp)
ECON883	Ethical Perspectives on Economics
ECON891	Economies in Transition

*Finance*

ACCG805	Research Methodology in Finance
ACCG806	Risk Management and Derivatives
ACCG808	Corporate Finance
ACCG818	Investments
ACCG837	Capital Markets
ACCG838	Business Valuation
ACCG839	Portfolio Management
ACCG890	Corporate Financial Forecasting
ACST815	Superannuation
ECON828	International Investment and Risk
ECON867	International Financial Management

*Information Systems and Technology*

ACCG812	Information Technology Management
---------	-----------------------------------

ACCG822	Information Systems in Business
BUS800	Electronic Commerce
BUS855	Information Technology and the Knowledge Economy
MIST800	Computer Applications in Business
MIST811	Information Management
MIST812	Decision Support Systems
MIST822	Web-database Engineering
STAT888	Applied Business Techniques

*Marketing*

BUS801	Business Forecasting
BUS803	Strategic Operations Management
DEM800	Demographic Analysis in Business
ICHM821	Media Management
ICHM822	Strategic Intelligence
MKTG800	Marketing and Finance
MKTG801	International Marketing
MKTG802	Marketing Communications
MKTG803	Marketing Operations
MKTG804	Marketing Seminar
MKTG805	Applied Marketing Research
MKTG806	Applied Marketing Strategy
MKTG807	Industrial Marketing
MKTG808	Services Marketing and Operations
MKTG809	Marketing Logistics
MKTG810	Retail Strategy
MKTG812	Retail Operations
MKTG813	Managerial Marketing
MKTG814	Managing Customer Relationships
MKTG815	Consumer Behaviour
STAT826	Market Research and Forecasting

*Management, Organisations and Society*

BUS802	European Business
BUS804	International Business Strategy
BUS850	Management of People at Work
BUS851	Comparative Human Resource Management
BUS853	Management of Change within Organisations
BUS854	Managing Cultural Diversity in Business
GSE822	The Environmental Context of Business
GSE823	Corporate Environmental Management
ICHM801	Management and Organisations
ICHM802	Managing Service Relationships
ICHM811	Foundations of Organisational Performance
ICHM812	Entrepreneurial Leadership
MHPG909	Money, Trade and Markets in Cultural Perspectives

ICHM units are offered at the International College of Tourism and Hotel Management (Manly, Sydney)

**Master of Commerce in Information Systems and Technology**

The Master of Commerce in Information Systems and Technology is for candidates who seek a business perspective in their study of information systems and technology rather than a computer science perspective. The degree builds upon the information systems and technol-

## Part Two – Postgraduate Study

ogy major presently in the Master of Commerce in Business.

**Admission requirements:** A Bachelor degree in any discipline from a recognised university with a GPA of at least 2.70 (out of 4.00). Applicants with limited business and IS/IT units in a previous degree will be required to complete a preliminary program (approximately one semester of full time study) to build foundation skills prior to enrolment in the Masters program.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–1.5 years full-time, 2–4 years part-time

**Commencement:** March or July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Graduate Accounting and Commerce Centre

**Tel:** (02) 9850 8526

**Fax:** (02) 9850 9956

**Email:** gacc@efs.mq.edu.au

**Website:** www.gacc.mq.edu.au

### Program Structure

Candidates complete eight units selected from those listed below.

ACCG812	Information Technology Management
ACCG822	Information Systems in Business
BUS800	Electronic Commerce
BUS855	Information Technology and the Knowledge Economy
MIST800	Computer Applications in Business
MIST811	Information Management
MIST812	Decision Support Systems
MIST822	Web-database Engineering
STAT888	Applied Business Techniques

Up to two units (8 cp) from the Master of Commerce in Business program

Up to two units (8 cp) from the Master of Information Technology\* program. Recommended units: ITEC830, ITEC832, ITEC841 and ITEC871.

\*Some units in the MIT have specific prerequisite knowledge requirements and enrolment requires approval of the MIT program director. For further information, please visit the MIT **Website:** www.ics.mq.edu.au/pdp

### Master of Commerce in Marketing

The Master of Commerce in Marketing offers an intellectually rigorous approach to marketing, combined with practical relevance. This mirrors the character of marketing positions which demand a mix of skills. The program is particularly suitable for applicants without a major in marketing.

**Admission requirements:** A Bachelor degree in any discipline from a recognised university with a GPA of 2.70 or more (out of 4.00). Applicants who have not completed sufficient business units in a previous degree will be required to undertake a preliminary program

(approximately one semester of full time study) prior to enrolment in the Masters program.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–1.5 years full-time, 2–4 years part-time

**Commencement:** March or July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Graduate Accounting and Commerce Centre

**Tel:** (02) 9850 8526

**Fax:** (02) 9850 9956

**Email:** gacc@efs.mq.edu.au

**Website:** www.gacc.mq.edu.au

### Program Structure

Candidates complete eight units selected from those listed below:

BUS800	Electronic Commerce
BUS801	Business Forecasting
BUS803	Strategic Operations Management
DEM800	Demographic Analysis in Business
ICHM821	Media Management
ICHM822	Strategic Intelligence
MKTG800	Marketing and Finance
MKTG801	International Marketing
MKTG802	Marketing Communications
MKTG803	Marketing Operations
MKTG804	Marketing Seminar
MKTG805	Applied Marketing Research
MKTG806	Applied Marketing Strategy
MKTG807	Industrial Marketing
MKTG808	Services Marketing and Operations
MKTG809	Marketing Logistics
MKTG810	Retail Strategy
MKTG812	Retail Operations
MKTG813	Managerial Marketing
MKTG814	Managing Customer Relationships
MKTG815	Consumer Behaviour
STAT826	Market Research and Forecasting

Students without a significant marketing background will be required to take MKTG813 Managerial Marketing early in their program. Students with a significant marketing background will be permitted to substitute two units from the Master of Commerce in Business for two marketing units.

### Master of International Business

The Master of International Business is a modern business degree with a global outlook. The degree provides an opportunity to acquire contemporary knowledge and skills in core business disciplines which have an international focus. The degree promotes both depth and breadth in business studies through a program of core study in accounting, economics, finance and marketing together with elective units chosen from a range of business disciplines.

**Admission requirements:** A Bachelor degree in any discipline from a recognised university with a GPA of at

## Handbook of Postgraduate Studies – 2004

least 2.70 (out of 4.00). Applicants who have not completed sufficient business units in a previous degree will be required to undertake a preliminary program (approximately one semester of full time study) prior to enrolment in the Masters program.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–1.5 years full-time, 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Graduate Accounting and Commerce Centre

**Tel:** (02) 9850 8526

**Fax:** (02) 9850 9956

**Email:** gacc@efs.mq.edu.au

**Website:** www.gacc.mq.edu.au

### Program Structure

Candidates complete four core units and four elective units.

#### Core

ACCG835	International Accounting
ECON847	International Trade
ECON867	International Financial Management
MKTG801	International Marketing

#### Elective units Group A (up to four units to be selected)

All units in the MCom in Business are available as electives, with the following units being particularly relevant for the MIB.

ACCG806	Risk Management and Derivatives
ACCG808	Corporate Finance
ACCG812	Information Technology Management
ACCG818	Investments
ACCG822	Information Systems in Business
ACCG827	Entrepreneurship and Business Strategy
ACCG832	Business and Financial Analysis
ACCG837	Capital Markets
ACCG838	Business Valuation
ACCG839	Portfolio Management
ACCG890	Corporate Financial Forecasting
BUS800	Electronic Commerce
BUS801	Business Forecasting
BUS802	European Business
BUS804	International Business Strategy
BUS850	Management of People at Work
BUS851	Comparative Human Resource Management
BUS852	International Taxation
BUS853	Management of Change within Organisations
BUS854	Managing Cultural Diversity in Business
BUS855	Information Technology and the Knowledge Economy
DEM800	Demographic Analysis in Business
ECON828	International Investment and Risk
ECON891	Economies in Transition
ICHM801	Management and Organisations
ICHM802	Managing Service Relationships

ICHM811	Foundations of Organisational Performance
ICHM812	Entrepreneurial Leadership
ICHM821	Media Management
ICHM822	Strategic Intelligence
MIST800	Computer Applications in Business
MKTG800	Marketing and Finance
MKTG802	Marketing Communications
MKTG803	Marketing Operations
MKTG806	Applied Marketing Strategy
MKTG808	Services Marketing and Operations
MKTG809	Marketing Logistics
MKTG814	Managing Customer Relationships
MKTG815	Consumer Behaviour
STAT826	Market Research and Forecasting
STAT888	Applied Business Techniques

#### Elective units Group B (up to two units to be selected)

Up to two units may be selected from the following programs:

- Master of Arts in International Communication
- Master of International Relations

Units selected are subject to approval from the relevant Program Director.

## Master of International Business with Master of International Relations

The purpose of a double Masters degree is to provide candidates with the option of completing two internationally focused degrees within one period of candidature. A double degree will interest those who would like to extend their business skills in the complementary area of international relations. Holding two international postgraduate qualifications will be an advantage to graduates seeking work in multinational commercial organisations, government agencies, global institutions or business orientated media.

**Admission requirements:** A Bachelor degree in any discipline from a recognised university with a GPA of at least 2.70 (out of 4.00)

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time; 3 years part-time

**Commencement:** March, July

**Program requirements:** 48 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Graduate Accounting and Commerce Centre

**Tel:** (02) 9850 8526

**Fax:** (02) 9850 9956

**Email:** gacc@efs.mq.edu.au

**Website:** www.gacc.mq.edu.au

### Program Structure

Candidates complete eight core units and four elective units.

#### MIB Core (16 postgraduate credit points)

ACCG835	International Accounting
---------	--------------------------

## Part Two – Postgraduate Study

ECON847 International Trade  
 ECON867 International Financial Management  
 MKTG801 International Marketing

*MIR Core (16 postgraduate credit points)*

POL840 The International System  
 POL841 Theory of International Relations  
 POL842 Politics of International Law  
 POL849 International Political Economy

*Elective units (16 postgraduate credit points)*

Two electives from MIB (Group A list only)  
 Two electives from MIR (POL units only)

### Master of International Business with Master of Arts in International Communication

The purpose of a double Masters degree is to provide candidates with the option of completing two internationally focused degrees within one period of candidature. A double degree will interest those who would like to extend their business skills in the complementary area of international communications. Holding two international postgraduate qualifications will be an advantage to graduates seeking work in multinational commercial organisations, government agencies, global institutions or business orientated media.

**Admission requirements:** A Bachelor degree in any discipline from a recognised university with a GPA of at least 2.70 (out of 4.00)

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time; 3 years part-time

**Commencement:** March, July

**Program requirements:** 48 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Graduate Accounting and Commerce Centre

**Tel:** (02) 9850 8526

**Fax:** (02) 9850 9956

**Email:** gacc@efs.mq.edu.au

**Website:** www.gacc.mq.edu.au

#### Program Structure

Candidates complete seven core units and five elective units.

*MIB Core (16 postgraduate credit points)*

ACCG835 International Accounting  
 ECON847 International Trade  
 ECON867 International Financial Management  
 MKTG801 International Marketing

*MA;IC Core (12 postgraduate credit points)*

ICOM811 Communication and Social, Economic and Political Development  
 ICOM891 Communication Research Methodologies, and either  
 ICOM818 Research Seminar in International Communication  
 or

ICOM828 Special Project

*Elective units (20 postgraduate credit points)*

Two electives from MIB (Group A list only)

Three electives from the MA;IC (ICOM units only)

### Master of Economics

The Master of Economics by coursework program provides students who have a background in economics or a related discipline with an opportunity to develop a graduate specialisation in economics. The program offers a wide range of units designed for students to learn the theoretical and applied aspects of modern economics at an advanced level. Students may include in their program a research project so that they can be prepared for a career in a research area or for further study towards a higher degree.

**Admission requirements:** An appropriate Bachelor degree. Applicants who have not studied macroeconomics and microeconomics at intermediate level will be required to undertake two additional compulsory units (ECON822 and ECON823)

**Attendance:** Internal; full-time; part-time

**Length of candidature:** 1–2 years full-time, 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Mr Glenn Jones

**Tel:** (02) 9850 8500

**Fax:** (02) 9850 8586

**Email:** gjones@efs.mq.edu.au

**Website:** www.econ.mq.edu.au/postgrad.htm

#### Program Structure

Candidates complete eight units, which must include ECON840 Applied Econometrics I or ECON835 Applied Econometrics II. The remaining seven units are to be selected from the postgraduate economics units available.

### Postgraduate Diploma in Applied Economics

The Postgraduate Diploma in Applied Economics aims to provide a professional development package for graduates in disciplines other than economics, and to give opportunities to competent graduates to become professional economists. The award of the Diploma will provide its recipients with a valuable, widely recognised professional qualification.

**Admission requirements:** A Bachelor degree in an area other than economics

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Marc Lombard

## Handbook of Postgraduate Studies – 2004

**Tel:** (02) 9850 8501  
**Fax:** (02) 9850 8586  
**Email:** mlombard@efs.mq.edu.au  
**Website:** www.econ.mq.edu.au/postgrad.htm

### Program Structure

Candidates complete ECON822 Microeconomics and ECON823 Macroeconomics and four elective units chosen from the postgraduate economics units available.

Satisfactory completion of units in the Postgraduate Diploma will be credited towards the Master of Economics (upon admission to the Masters program).

### Postgraduate Certificate in Applied Economics

The Postgraduate Certificate in Applied Economics aims to provide graduates in disciplines other than economics with a good understanding of the workings of economics, and an overall knowledge of economic issues.

**Admission requirements:** A Bachelor degree in an area other than economics

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Marc Lombard

**Tel:** (02) 9850 8501

**Fax:** (02) 9850 8586

**Email:** mlombard@efs.mq.edu.au

**Website:** www.econ.mq.edu.au/postgrad.htm

### Program Structure

Candidates complete ECON822 Microeconomics and ECON823 Macroeconomics and two elective units chosen from the postgraduate economics units available.

These four units may be credited towards the Postgraduate Diploma in Applied Economics for those who wish to further their studies.

Units available for the Master of, Postgraduate Diploma and Postgraduate Certificate in Economics:

ECON801	Microeconomic Problems
ECON802	Macroeconomic Problems
ECON822	Microeconomics
ECON823	Macroeconomics
ECON828	International Investment and Risk
ECON835	Applied Econometrics II
ECON840	Applied Econometrics I
ECON842	Principles of Monetary Economics
ECON844	Monetary and Financial Policies
ECON846	International Monetary Policy
ECON847	International Trade
ECON850	Economic Evaluation and Policy
ECON851	Public Finance
ECON852	Industry Regulation and Public Enterprise
ECON853	Economics of Public Issues

ECON857	Economic Development and World Economic Order
ECON859	Research Project
ECON860	Advanced Microeconomics
ECON861	Advanced Macroeconomics
ECON864	Mathematical Economics
ECON867	International Financial Management
ECON880	Research Project B
ECON883	Ethical Perspectives on Economics
ECON891	Economies in Transition

### Master of Applied Statistics

The course is designed to train graduates for employment as statisticians in research organisations, insurance companies, financial institutions, medical institutions, government departments and industry. Specialised study is available in the areas of biostatistics, epidemiological methods, graphics imaging, bioinformatics, time series and stochastic finance.

**Admission requirements:** A Bachelor degree with a major in statistics. If an applicant's background in statistics, mathematics or computing is inadequate, satisfactory completion of a qualifying program will be required prior to admission to the Masters program

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1–2 years full-time; 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Dr Gillian Heller

**Tel:** (02) 9850 8541

**Fax:** (02) 9850 7669

**Email:** gheller@efs.mq.edu.au

**Website:** [http://www.stat.mq.edu.au/postgrad/pos\\_mapp.htm](http://www.stat.mq.edu.au/postgrad/pos_mapp.htm)

### Program Structure

Candidates complete two core units and six elective units.

### Postgraduate Diploma in Applied Statistics

The course is designed to train graduates for employment as statisticians in research organisations, insurance companies, financial institutions, medical institutions, government departments and industry. Specialised study is available in the areas of biostatistics, epidemiological methods, graphics imaging, bioinformatics, time series and stochastic finance.

**Admission requirements:** A Bachelor degree with a major in statistics. If an applicant's background in statistics, mathematics or computing is inadequate, satisfactory completion of a qualifying program will be required prior to enrolment in the Diploma program.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

## Part Two – Postgraduate Study

**Program requirements:** 24 postgraduate credit points  
**Tuition fee 2004:** \$380.00 per credit point  
**Enquiries:** Dr Gillian Heller  
**Tel:** (02) 9850 8541  
**Fax:** (02)9850 7669  
**Email:** gheller@efs.mq.edu.au  
**Website:** [http://www.stat.mq.edu.au/postgrad/pos\\_mapp.htm](http://www.stat.mq.edu.au/postgrad/pos_mapp.htm)

**Program Structure**

Candidates complete STAT810 Statistical Theory and five elective units.

**Postgraduate Certificate in Applied Statistics**

The course is designed to train graduates for employment as statisticians in research organisations, insurance companies, financial institutions, medical institutions, government departments and industry. Specialised study is available in the areas of biostatistics, epidemiological methods, graphics imaging, bioinformatics, time series and stochastic finance.

**Admission requirements:** A Bachelor degree with a major in statistics. If an applicant's background in statistics, mathematics or computing is inadequate, satisfactory completion of a qualifying program will be required prior to enrolment in the Certificate program

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 year full-time; 1 year part-time

**Commencement:** March, July

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Dr Gillian Heller

**Tel:** (02) 9850 8541

**Fax:** (02)9850 7669

**Email:** gheller@efs.mq.edu.au

**Website:** [http://www.stat.mq.edu.au/postgrad/pos\\_mapp.htm](http://www.stat.mq.edu.au/postgrad/pos_mapp.htm)

**Program Structure**

Candidates complete any three units from the available postgraduate statistics units.

Units available for the Master of and Postgraduate Diploma and Postgraduate Certificate in Applied Statistics

*Core*

STAT810 Statistical Theory  
 STAT825 Statistics Project

*Elective units (six to be selected)*

STAT811 Generalized Linear Models  
 STAT812 Information Management  
 STAT814 Statistical Design  
 STAT817 Bioinformatics  
 STAT818 Epidemiological Methods  
 STAT820 Decision Support Systems  
 STAT821 Multivariate Analysis  
 STAT822 Time Series

STAT823 Statistical Graphics  
 STAT826 Market Research and Forecasting  
 STAT827 Survival Analysis  
 STAT890 Stochastic Finance  
 STAT892 Nonparametric Regression and Density Estimation

**Master of Biostatistics**

Due to an increasing demand for well trained biostatisticians, a group of senior academic biostatisticians around Australia have collaborated to mount this distance education program. This group is known as the Biostatistics Collaboration of Australia (BCA), with representatives from major Australian universities with medical statistics expertise, pharmaceutical companies, government and non-government organisations, all as major employers with a valued stake in the future of biostatistics.

This program has been designed to provide advanced biostatistical training for a diverse range of students. It is primarily aimed at those wishing to become highly trained professional biostatisticians. Candidates should possess an aptitude for advanced mathematics, and a desire to learn biostatistics.

The universities involved in developing and delivering this program are:

Macquarie University  
 Australian National University  
 Monash University  
 University of Melbourne  
 University of Newcastle  
 University of Queensland  
 University of Sydney

Students who enrol at Macquarie University will receive a single transcript from Macquarie University showing their results for all units of study.

**Admission requirements:** A Bachelor degree in Statistics, Mathematics, Science, Psychology, Medicine, Pharmacy, Economics, Health Sciences or other appropriate discipline from an approved university (or equivalent qualification); a proven aptitude for advanced mathematical work, indicated for example by a high level of achievement in high school or undergraduate mathematics; and have already passed an introductory course in statistics, covering at least the estimation of means and proportions with confidence intervals, and the comparison of means and proportions between two groups using hypothesis tests (ie t-tests and chi-squared tests for 2x2 tables), such as STAT170.

**Attendance:** External; full-time, part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March

**Program requirements:** 48 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Dr Gillian Heller

**Tel:** (02) 9850 8541

**Fax:** (02) 9850 7669

**Email:** gheller@efs.mq.edu.au

**Website:** <http://www.bca.edu.au>

## Handbook of Postgraduate Studies – 2004

### Program Structure

Candidates complete eleven core units and one elective unit.

#### Core

BCA801	Epidemiology
BCA802	Mathematical Background for Biostatistics
BCA804	Data Management and Statistical Computing
BCA805	Principles of Statistical Inference
BCA807	Design of Experiments and Randomised Clinical Trials
BCA808	Linear Models
BCA809	Categorical Data and Generalized Linear Models
BCA812	Work Placement or Project
STAT827	Survival Analysis
BCA803	Health Indicators and Health Surveys or
BCA806	Clinical Biostatistics

#### Elective

BCA810	Bio informatics and Statistical Genetics
BCA811	Longitudinal and Correlated Data

### Postgraduate Diploma in Biostatistics

**Admission requirements:** A Bachelor degree in Statistics, Mathematics, Science, Psychology, Medicine, Pharmacy, Economics, Health Sciences or other appropriate discipline from an approved university (or equivalent qualification); a proven aptitude for advanced mathematical work, indicated for example by a high level of achievement in high school or undergraduate mathematics; and have already passed an introductory course in statistics, covering at least the estimation of means and proportions with confidence intervals, and the comparison of means and proportions between two groups using hypothesis tests (ie t-tests and chi-squared tests for 2x2 tables), such as STAT170.

**Attendance:** External; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Dr Gillian Heller

**Tel:** (02) 9850 8541

**Fax:** (02) 9850 7669

**Email:** gheller@efs.mq.edu.au

**Website:** <http://www.bca.edu.au>

### Program Structure

Candidates complete seven core units and one elective unit.

#### Core

BCA801	Epidemiology
BCA802	Mathematical Background for Biostatistics
BCA804	Data Management and Statistical Computing
BCA805	Principles of Statistical Inference

BCA807 Design of Experiments and Randomised Clinical Trials

BCA808 Linear Models

BCA809 Categorical Data and Generalized Linear Models

#### Elective

BCA803 Health Indicators and Health Surveys

BCA806 Clinical Biostatistics

STAT827 Survival Analysis

### Postgraduate Certificate in Biostatistics

**Admission requirements:** A Bachelor degree in Statistics, Mathematics, Science, Psychology, Medicine, Pharmacy, Economics, Health Sciences or other appropriate discipline from an approved university (or equivalent qualification); a proven aptitude for advanced mathematical work, indicated for example by a high level of achievement in high school or undergraduate mathematics; and have already passed an introductory course in statistics, covering at least the estimation of means and proportions with confidence intervals, and the comparison of means and proportions between two groups using hypothesis tests (ie t-tests and chi-squared tests for 2x2 tables), such as STAT170.

**Attendance:** External; full-time, part-time

**Length of candidature:** 0.5 years full-time, 1 year part-time

**Commencement:** March

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Dr Gillian Heller

**Tel:** (02) 9850 8541

**Fax:** (02)9850 7669

**Email:** gheller@efs.mq.edu.au

**Website:** <http://www.bca.edu.au>

### Program Structure

Candidates complete one core unit and three elective units.

#### Core

BCA801 Epidemiology

#### Elective

BCA802 Mathematical Background for Biostatistics

BCA803 Health Indicators and Health Surveys

BCA804 Data Management and Statistical Computing

BCA805 Principles of Statistical Inference

BCA806 Clinical Biostatistics

BCA807 Design of Experiments and Randomised Clinical Trials

BCA808 Linear Models

BCA809 Categorical Data and Generalized Linear Models

BCA810 Bioinformatics and Statistical Genetics

BCA811 Longitudinal and Correlated Data

STAT827 Survival Analysis

## Division of Environmental and Life Sciences

### Research Programs

The Division of Environmental and Life Sciences includes the Departments of Biological Sciences, Chemistry, Earth and Planetary Sciences, the Graduate School of the Environment, Health and Chiropractic, Human Geography and Physical Geography. The Division is also home to a number of centres of research excellence specialising in the areas of Biodiversity, Geochemical Evolution and Metallogeny of Continents, Proteomics and Risk Frontiers. Within Macquarie, the Division of Environmental and Life Sciences is one of the leading research units and places considerable emphasis on interdisciplinary teaching and research, particularly in the areas of atmospheric science, biodiversity, biotechnology, ecology, biological chemistry, medical and health sciences and resource and environmental science and management.

### AUSTRALIAN PROTEOME ANALYSIS FACILITY (APAF)

The Division is home to this major national research facility in Proteomics. APAF was recently refunded by a \$16 million federal grant. APAF is a major national research facility in protein chemistry. The Facility is involved in mass screening of proteins and their post-translational modifications in biological systems including tissues, cells, bacteria and viruses. APAF involves postgraduates in its activities through links with Macquarie University Centre for Analytical Biotechnology (MUCAB). It is headed by Professor Mark Baker, Divisional Chair in Proteomics and Chief Scientific Officer (APAF). For contact details and more information about the facility see <http://www.proteome.org.au/>

### MACQUARIE UNIVERSITY BIOTECHNOLOGY RESEARCH INSTITUTE

The Division also houses the Macquarie University Biotechnology Institute led by Professor Peter Bergquist. The Institute is undertaking research in the following areas: bioprospecting, proteomics, industrial enzymes, vaccines, plant variation, microbial diversity, fluorescent systems, astrobiology and plant molecular biology. For more information and contact details see <http://biotechnology.mq.edu.au>

## DEPARTMENT OF BIOLOGICAL SCIENCES

Applicants should make contact directly with potential supervisors to discuss research possibilities. Students are not accepted unless members of staff consent to act as supervisors. Biological Sciences is a multidisciplinary Department conducting research on a wide range of contemporary biological problems. Staff collaborate strongly, generating multidisciplinary and innovative research funding. This has been recognised in the proliferation of research grants from both government and industry, special research centres and the many high-quality research publications from the Department. While integration is the major theme within the Department, its research activities can be covered under the three broad areas of research strength:

- a) molecular biology and biotechnology;
- b) environmental sciences; and
- c) physiology and development.

Particular strands of research include: molecular biology, biotechnology, virology, environmental and molecular microbiology, plant and animal physiology, biodiversity, biology of Australian marsupials, ecology, conservation genetics, biochemistry, human biology, marine biology and developmental biology.

Please note that all Biology postgraduate research students must enrol in the following co-requisite units.

BIOL801 Postgraduate Seminar

BIOL805 Research Report

### Departmental facilities

Biological Sciences is equipped with modern research laboratories. An animal house and workshop and modern plant growth facilities are available to researchers in Biology. Special facilities include: scanning, environmental and transmission electron microscopes, extensive imaging facilities; cell sorters; preparative ultracentrifuge with analytical attachments; a wide range of biochemical instruments (including an amino-acid analyser, DNA sequencer; HPLC, ESR and mass spectroscopy facilities), oligonucleotide synthesiser, a cell culture laboratory; a two-hectare fauna park located on campus; modern glasshouses and growth rooms; photosynthetic equipment; pressure probe and water relations equipment; recording facilities for study of vocal communication including ultrasonic vocalisation; motor vehicles for field use; a cobalt-60 gamma irradiation room.

### *Key Centre for Biodiversity and Bioresources*

The Key Centre offers unique opportunities for postgraduates wishing to carry out research in all areas of biodiversity assessment and monitoring, conservation biology, conservation genetics, and bioresource prospecting. A goal of the Centre is increase in the speed and efficiency of these activities. Novel molecular biological techniques

## Handbook of Postgraduate Studies – 2004

are being applied to the detection, in environmental samples, of microbial organisms and genes of potential commercial value they contain. The large BioTrack facility is developing digital imaging and sophisticated information technology for specimen identification, and handling and analysis of large volumes of biodiversity data. Staff within the Centre also conduct individual research programs, for example in conservation genetics, invertebrate evolution, etc. In addition the Centre offers professional workshops, here and overseas.

### *Macquarie University Centre for Analytical Biotechnology (MUCAB)*

MUCAB provides a focus for interdisciplinary research into biomolecular analysis across the Departments of Biological Sciences and Chemistry. The Centre has had successful collaboration with industry, involving new instrument developments, diagnostic applications, trouble-shooting for industrial processes and prototyping. MUCAB's equipment includes: 600 MHz Nuclear Magnetic Resonance spectrometer; a BIAcore 2000 biosensor; and a time-resolved fluorescence microscope. Recent achievements include: a flow cytometer with laser-based technology to achieve high sensitivity detection of viruses, bacteria and protozoa in water samples; proteomics instrumentation; and equipment for determination of protein structure. MUCAB staff supervise many postgraduate research students.

**Enquiries:** Dr Jim Kohen Tel +61-2-9850 8138  
**Fax:** +61-2-9850 8245  
**Email:** jkohen@rna.bio.mq.edu.au  
 or  
 Ms Margaret Mercieca  
**Tel:** +61-2-9850 8179  
**Fax:** +61-2-9850 9395  
**Email:** mmerciec@rna.bio.mq.edu.au  
**Websites:** <http://www.bio.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

## DEPARTMENT OF CHEMISTRY

Applicants should make contact directly with potential supervisors to discuss research possibilities. Students are not accepted unless members of staff consent to act as supervisors. Department of Chemistry staff are actively involved in a vigorous research program. Research strengths include: analytical chemistry, biological chemistry, chemical biology and theoretical chemistry. It is possible to arrange higher degree programs with various degrees of emphasis placed on synthetic and structural methods, analytical procedures or instrumental methods, including many types of spectroscopy. Several research projects include collaboration with other disciplines, ranging from biology to geology to physics, and hence provide the opportunity for the development of interdisciplinary skills. The Department hosts the Macquarie University Centre for Analytical Biotechnology. Much of the Department's research funding comes from external bodies such as the Australian Research Council and the National Health and Medical Research Council. Senior Researchers who are

not full-time members of staff can contribute to postgraduate training as Associate Supervisors. Additional areas of research interest within the department are included on the web.

### Departmental facilities

The Department's facilities include: NMR - comprising Bruker AVANCE 600MHz and 400MHz NMR spectrometers; mass spectrometry - comprising a Micromass Quattro II triple quadrupole mass spectrometer and a Fisons Instruments MD800 GC/MS; molecular visualisation - several SGI workstations and 3D visualisation equipment; three Fourier infrared spectrometers, a spectropolarimeter, an ICP-AES and two AAs; gas chromatographs, high pressure liquid chromatographs and spectrometers of various types; internet resources, electronic and mechanical workshop facilities, technical expertise. Additional resources are available through MUCAB and APAF.

### *Macquarie University Centre for Analytical Biotechnology (MUCAB)*

MUCAB houses and maintains state-of-the art equipment for the separation, isolation and analysis of biomolecules. Resources include: analytical chromatography systems, a BioCAD preparative system, FPLC equipment, capillary electrophoresis, CD/Fluorescence and a BIAcore 2000 biosensor.

**Enquiries:** Associate Professor P. Stiles  
**Tel:** +61-2-9850 8286  
**Fax:** +61-2-9850 8313  
**Email:** peter.stiles@mq.edu.au  
 or  
 Associate Professor Peter Karuso  
**Tel:** +61-2-9850 8275  
**Websites:** <http://www.chem.mq.edu.au/pgrad>  
<http://www.chem.mq.edu.au/academic.htm>  
<http://www.ro.mq.edu.au/HDRU/>

## DEPARTMENT OF EARTH AND PLANETARY SCIENCES

Applicants should make contact directly with potential supervisors to discuss research possibilities. Students are not accepted unless members of staff consent to act as supervisors. The Department is actively involved in research and has many national and international research collaborations. Research activities span the range from environmental issues to exploration for natural resources, and to research in crust/mantle evolution, geodynamics and plate tectonics. The Key Centre for Geochemical Evolution and Metallogeny of Continents (GEMOC), and the Centre for Ecostratigraphy and Palaeobiology (MUCEP) and the Australian Centre for Astrobiology (ACA) are located within the Department. Additional areas of research interest can be found on the website.

## Part Two – Postgraduate Study

### Departmental facilities

Geological/palaeontological facilities: binocular microscope laboratories; petrological microscopes; point-counting equipment; macro- and microphotography; microimage analysis system; piston-cylinder apparatus (9, 15, 40 kb); 1500°C furnace; reversing shear box and triaxial strength testing equipment for rock and soil; pore-water pressure apparatus; photo-elastic modelling facilities.

Geochemical facilities: cathode luminescence microscope; two inductively coupled plasma mass spectrometer (ICP-MS) with laser microprobe; multiple collector ICP-MS with laser microprobe; Cameca SX-50 electron microprobe; X-ray diffraction; fully automated XRF; access to multi-collector thermal ionisation and gas-source mass spectrometers for radiogenic and stable isotopic analysis (through Centre for Isotope Studies); fluid inclusion microthermometry stage; clean and ultra clean chemistry laboratories; field water chemistry testing equipment; hydrological sampling equipment; flumes.

Geophysical facilities: petrophysics laboratory (susceptibility, AMS, density, conductivity; seismic velocities); Geometrics G858 caesium vapour magnetometer; G856 proton precession magnetometers; 48-channel Strataview seismic recorder with complete cable and geophone sets for seismic reflection and refraction surveys; Scintrex CG-3 gravity meter; ABEM Terrameter and LUND system for electrical equipment; electrical conductivity and magnetic susceptibility meters; high-temperature SQUID magnetometer; Variable Field Translation Balance (VFTB), Bartington k-T apparatus; access to CSIRO rock magnetism laboratory (He-SQUID, AF and thermal demagnetisation equipment); wide range of software for geophysical data analysis and imaging.

Computing facilities: networked Macintosh and PC computer labs as well as SUN workstations with a wide range of printers, plotters, scanners and mass storage devices.

### Research Centres

#### *ARC Key Centre for Geochemical Evolution and Metallogeny of Continents (GEMOC)*

(S O'Reilly, Director)

The Centre's major research activities lie in the interdisciplinary and integrated approach to interpret the earth's lithosphere as a 4-dimensional system (space and time) by linking petrology and geochemistry, geophysics, petrophysics and tectonics.

#### *Macquarie University Centre for Ecostratigraphy and Palaeobiology (MUCEP)*

(J Talent and R Mawson, Directors)

The Centre undertakes research in disciplines intermediate between earth and biological sciences and chemistry,

including aspects of biostratigraphy, palaeontology, palaeobiology, palaeoecology, ecostratigraphy, carbonate petrology, biochronology and exobiology.

#### *Australian Centre for Astrobiology*

(M Walter, Director)

Investigations of the earliest life on Earth and predictions about possible life elsewhere in the Solar System, with a focus on microbial life. Together these aspects define the core of the Centre's research. Research is also being undertaken in physics, astronomy, cosmology and the media.

**Enquiries:** Dr Simon Jackson  
Postgraduate Coordinator

**Tel:** (02) 9850 8368

**Fax:** (02) 9850 6904

**Email:** sijackso@els.mq.edu.au  
or

Dr Richard Flood  
Head of Department

**Tel:** (02) 9850 8370

**Fax:** (02) 9850 6904

**Email:** rflood@els.mq.edu.au

**Websites:** <http://www.es.mq.edu.au/geology/>  
<http://www.ro.mq.edu.au/HDRU/>

### GRADUATE SCHOOL OF THE ENVIRONMENT

Applicants should make contact directly with potential supervisors to discuss research possibilities. Students are not accepted unless members of staff consent to act as supervisors. The Graduate School of the Environment (GSE) conducts and promotes interdisciplinary research dealing with all aspects of the environment. The GSE encourages the inclusion of environmental considerations in decision-making by government, industry and the community within Australia and at an international level. The GSE is a research participant in the CRC for Coal in Sustainable Development. The range of projects is therefore wide and diverse as can be seen in the varied research interests of staff covering the natural, social and technical sciences as well as education, management, planning, policy and sustainable development.

Units to be completed as part of a research degree in the GSE are as follows:

GSE898 Research Management

GSE899 Research Communication

### Other research areas in the Department

Senior research and Post-doctoral Fellows who are not full-time members of staff can contribute to postgraduate training as Associate Supervisors. Additional areas of research interest are listed on the website.

## Handbook of Postgraduate Studies – 2004

### Departmental facilities

The GSE's facilities include: office space; computing facilities; guidelines for thesis preparation; wet and dry laboratory space; two boats, one 5.7 metres and the other 3.8 metres; 4WD vehicle; GIS software including ESRI site licence; photographic, acoustic and underwater video capabilities, radio tracking equipment, water quality testing; equipment differential GPS; total station survey equipment, access to CSIRO isotope laboratories (Geochemistry) and CSIRO Air Quality laboratories.

**Enquiries:** Ms Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** [jmonckto@gse.mq.edu.au](mailto:jmonckto@gse.mq.edu.au)  
**Websites:** <http://www.gse.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF HEALTH AND CHIROPRACTIC

Applicants should make contact directly with potential supervisors to discuss research possibilities. Students are not accepted unless members of staff consent to act as supervisors. The Department of Health and Chiropractic aims to actively foster academic staff and postgraduate research particularly in areas of community health, complementary medicine and in areas that complement evidence based chiropractic teaching, and contribute to research outputs for the general health community and ultimately the international chiropractic community. The Department maintains a diverse range of research interests in such areas as clinical, basic and applied chiropractic sciences and community health.

Please note that all Health and Chiropractic postgraduate research students must enrol in the following co-requisite units:

CHIR901 (Seminar Presentation)  
 CHIR905 (Research Student Report)

### Other interests

Academics who are not full-time members of staff can contribute to postgraduate training as Associate Supervisors. Additional areas of research include: children's spinal health and the development of a safe backpack; randomised control trial of chiropractic treatment of shoulder pain; the documentation and investigation of chiropractic management of common sporting injuries; sports medicine; the determinants of manipulation when associated with the joints of the human spine: a legal perspective; the role of the foot in pelvic and lower limb biomechanics; the relationship of stress, ergonomics and neck disorders to migraines; physical characteristics of migraine sufferers, specifically in relation to work conditions; chiropractic education and the cost effectiveness of chiropractic treatment for workers compensation.

### Departmental facilities

The Department of Health & Chiropractic maintains three outpatients' clinics located at Summer Hill, Eastwood and Epping. These clinics feature treatment rooms and a fully equipped radiology teaching room. The Department has a digital video fluoroscopy unit and anthropomorphic phantoms for radiology research. There is also a Stress and Spinal Research unit with small animal surgical facility for neuroscience research. Students would have access to the University Library, inter-library loan and to electronic databases. All chiropractic students may become members of the Chiropractic Students Association, a body liaising between students and other parties.

**Enquiries:** Dr Subra Vemulpad  
 Director of Research  
**Tel:** (02) 9850 9385  
**Fax:** (02) 9850 9389  
**Email:** [svemulpa@els.mq.edu.au](mailto:svemulpa@els.mq.edu.au)  
**Websites:** [www.chiro.mq.edu.au](http://www.chiro.mq.edu.au)  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF HUMAN GEOGRAPHY

Applicants should make contact directly with potential supervisors to discuss research possibilities.

Students are not accepted unless members of staff consent to act as supervisors. The Department of Human Geography is actively involved in undergraduate teaching, postgraduate teaching and research supervision (MA, MA(Hons) and PhD). Staff research is concentrated in the areas of local impacts of global economic restructuring, demographic and health change, social, cultural and electoral analysis, resource and environmental management, telecommunications networks, Aboriginal community development, and geographic information systems (GIS). Possibilities for collaborative research in aspects of environmental management and GIS exist with the Department of Physical Geography and the Geographic Information Systems Centre.

### Other research areas in the Department

Senior Research and Post-doctoral Fellows who are not full-time members of academic staff can contribute to postgraduate training as Associate Supervisors. Additional areas of research interest are included on the web.

### Departmental facilities

Access to computing facilities (e.g. postgraduate computing laboratory, standard word processing, graphics and statistical programs, World Wide Web); Geographic Information Systems laboratory (including ARCINFO, ARCVIEW, IMAGINE, stereodigitiser, plotting facilities); Census Data Research Laboratory (CDATA01, ABS unit record files); Geographics Unit facilities

(including computers, scanners, graphics software, slide making); borrowing rights at University Library and access to other libraries through inter-library loan; University Library map collection.

### *Geographic Information Systems (GIS) Centre*

This centre supports the research of postgraduate students across the broad spectrum of Geographic Information Systems activities. This support includes the provision of research facilities for undertaking GIS analyses, the maintenance of linkages between the university and the GIS industry, the promotion of joint research projects with the GIS industry and other major GIS users and encouraging postgraduate students to work independently with the available GIS software.

**Enquiries:** Executive Officer

**Tel:** (02) 9850 8382

**Fax:** (02) 9850 6052

**Email:** [humgeog@els.mq.edu.au](mailto:humgeog@els.mq.edu.au)

or

Dr Robyn Dowling

**Tel:** (02) 9850 7477

**Fax:** (02) 9850 6052

**Email:** [rdowling@els.mq.edu.au](mailto:rdowling@els.mq.edu.au)

**Websites:** <http://www.es.mq.edu.au/humgeog/>

<http://www.ro.mq.edu.au/HDRU/>

## DEPARTMENT OF PHYSICAL GEOGRAPHY

Applicants should make contact directly with potential supervisors to discuss research possibilities.

Potential supervisors can be found at <http://www.es.mq.edu.au/physgeog/research/>, on the HDRU website or as a first point of contact students can email the Department at [physgeog@mq.edu.au](mailto:physgeog@mq.edu.au). Students are not accepted unless members of staff consent to act as supervisors.

The Department of Physical Geography is active in undergraduate teaching, postgraduate instruction, and research in atmospheric science, climate change, climatic impacts and air pollution, biometeorology, geographical information systems, geoecology, geomorphology, natural hazards, pedology, Quaternary studies and resource and environmental management. Much of our research is funded through major competitive grants from industry and the Federal government. Risk Frontiers is located within the Department. The Geographic Information Systems Centre is a teaching and research centre shared with the Department of Human Geography, as is the Climatic Impacts Centre.

Senior Research and Post-doctoral Fellows who are not full time members of academic staff can contribute to postgraduate training as Associate Supervisors. Additional areas of interest are included on the web.

### Departmental facilities

Physical Geography is well equipped to support the research needs of staff and students. Major facilities include: a UNIX system (4Gb memory plus unlimited disk) supplemented by access to a range of supercomputing resources; a variety of personal computing with standard software plus specialist GIS and computer modelling software; radiosonde and a large range of meteorological measurement equipment (including radiation, eddy correlation sensors and data logging facilities); full particle sizing Malvern laser sizer, settling tubes, sieve sets, vacuum impregnation oven for undisturbed sediment/soils, coring equipment including Gemco and other drill rigs; reversing shear box and tri-axial strength-testing equipment, down borehole shear test equipment, soil erodibility rainfall simulation equipment, photo-elastic modelling facilities; magnetic susceptibility meter and pulse magnetizer, binocular and petrological microscopes, field survey instruments and GPS; field-water and soil chemistry testing equipment including XRF, hydrological sampling equipment, flumes; geographic information systems laboratory.

Access to seismic refraction and reflection (sparker) equipment, marine and hand-held magnetometers, access to borehole logging equipment; access to electron microprobe, access to standard rock and soil thin-sectioning, access to scanning electron microscope; borrowing rights at University Library with over 600 000 volumes and extensive holdings of films, tapes, microfilms and maps and access to other libraries through inter-library loans; electronic access to a large range of journals. The Department owns several 4WD vehicles and trailers and a mobile laboratory suitable for remote locations.

### Research Centres

#### *Risk Frontiers - Natural Hazards Research Centre*

Risk Frontiers - NHRC was established in 1994 to create strategic risk management solutions through worldleading research into natural perils and their consequences. Risk Frontiers collaborates with industry, government and academic research groups around the world to develop innovative models for hazard, vulnerability and risk assessments. Current research focuses on flood, hail, earthquake, volcano and integrated risk assessments. Core funding for Risk Frontiers comes from 12, mainly global, companies associated with the insurance industry. Inevitably, much of the centre's research has an insurance industry flavour.

**Enquiries:** Associate Professor Geoff Humphreys

**Tel:** (02) 9850 7990

**Fax:** (02) 9850 8420

**Email:** [ghumphre@laurel.ocs.mq.edu.au](mailto:ghumphre@laurel.ocs.mq.edu.au)

or

Ms Karyn Knowles

**Tel:** (02) 9850 8426

**Fax:** (02) 9850 8420

**Email:** [karyn.knowles@mq.edu.au](mailto:karyn.knowles@mq.edu.au)

**Websites:** <http://physgeog.es.mq.edu.au/physgeog/>

<http://www.ro.mq.edu.au/HDRU/>

## Handbook of Postgraduate Studies – 2004

### Coursework Programs

#### Master of Science (Education)

The Master of Science (Education) program embeds leading-edge science content in pedagogy relevant to secondary education, placing content in its real world context. Entirely online, the program is ideal for teachers in rural and remote areas. The program was developed through partnerships between education and science faculties of six universities. It is for secondary science teachers Australia-wide with no residential sessions.

**Admission requirements:** Admission to the program is available to those with qualifications accepted by Australian Departments of Education for secondary mathematics or science teaching, eg Bachelor of Education; Bachelor of Science and a Graduate Diploma of Education.

**Please note:** This degree does not train teachers nor does it prepare people to teach. People wishing to train as teachers should request information about the Graduate Diploma in Education from the Student Enquiry Service on 02 9850 6410.

**Attendance:** External; full-time, part-time

**Length of candidature:** 1 year full-time and up to 4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Program Administrator  
**Tel:** (02) 9850 6316  
**Fax:** (02) 9850 9671  
**Email:** dscott@els.mq.edu.au  
**Website:** www.els.mq.edu.au/mscied/

#### Program Structure

Candidates complete two core and six elective units.

#### Postgraduate Diploma in Science (Education)

**Admission requirements:** Admission to the program is available to those with qualifications accepted by Australian Departments of Education for secondary mathematics or science teaching, eg Bachelor of Education; Bachelor of Science and a Graduate Diploma of Education.

**Please note:** This degree does not train teachers nor does it prepare people to teach. People wishing to train as teachers should request information about the Graduate Diploma in Education from the Student Enquiry Service on 02 9850 6410.

**Attendance:** External; full-time, part-time

**Length of candidature:** 1 year full-time, 3 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Program Administrator  
**Tel:** (02) 9850 6316  
**Fax:** (02) 9850 9671  
**Email:** dscott@els.mq.edu.au  
**Website:** www.els.mq.edu.au/mscied/

#### Program Structure

Candidates complete two core and four elective units.

#### Postgraduate Certificate in Science (Education)

**Admission requirements:** Admission to the program is available to those with qualifications accepted by Australian Departments of Education for secondary mathematics or science teaching, eg Bachelor of Education; Bachelor of Science and a Graduate Diploma of Education.

**Please note:** This degree does not train teachers nor does it prepare people to teach. People wishing to train as teachers should request information about the Graduate Diploma in Education from the Student Enquiry Service on 02 9850 6410.

**Attendance:** External; full-time, part-time

**Length of candidature:** Up to 2 years part-time

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Program Administrator  
**Tel:** (02) 9850 6316  
**Fax:** (02) 9850 9671  
**Email:** dscott@els.mq.edu.au  
**Website:** www.els.mq.edu.au/mscied/

#### Program Structure

Candidates complete two core and two elective units.

Units available for Master of, Postgraduate Diploma and Postgraduate Certificate in Science (Education)

##### Core

SCED800	The Nature of Teaching and Learning in Science
SCED807	Getting Practical: The Pedagogy of Laboratory Teaching and Learning

##### Elective

SCED801	Bio-informatics
SCED802	Food Science and Biotechnology
SCED803	Greenhouse Science
SCED804	Energy in Society
SCED805	Science Communication
SCED806	Photonics
SCED809	Environmental Health in Soil and Water Ecosystems
SCED810	Forensic Science
SCED811	Resources Recycling

## Part Two – Postgraduate Study

SCED812	Virtual Geology Excursions
SCED813	Principles of Geographic Information Systems
SCED814	Teaching Cosmology and Astrophysics in Secondary School

### Master of Museum Studies

Museums are the mechanism through which we research, interpret and present our insights into the natural and cultural worlds. Via a Master of Museum Studies, Macquarie can provide you with a modern background to areas of study relevant to contemporary museums, galleries and collections. As management of information will increasingly form a vital part of the workplace of the future, this program will give you essential grounding in generic information management skills through integration with workplace practice.

**Admission requirements:** A degree in earth sciences, palaeontology, biology, geology, history, cultural geography, indigenous studies, creative arts, archaeology, art history, anthropology or some discipline relevant to museum studies; or qualifications deemed to be equivalent; or relevant work experience equivalent (approximately 5 years — to be assessed in the application process).

**Attendance:** Internal; full-time, part-time; distance education is possible

**Length of candidature:** 1–2 years full-time; 3–4 years part-time

**Commencement:** March or July

**Program requirements:** 32–36 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Ruth Mawson

**Tel:** (02) 9850 8336

**Fax:** (02) 9850 6053

**Email:** ruth.mawson@mq.edu.au

**Website:** <http://www.els.mq.edu.au/museumstudies> or [www.es.mq.edu.au/mucep/](http://www.es.mq.edu.au/mucep/)

### Program Structure

Candidates complete three core units and both electives.

#### Core

ELS820 Museums Practice and Information Management

ELS400 Museum Field Studies

MHPG844 History, Culture and Museum Studies  
or

MHPG847 Rewriting History

Note: Students who have completed ELS202 and/or HIST309 as undergraduate units may substitute an approved, relevant unit, for example:

AHPG810 Archaeological Evidence

ARTS300 Arts Management and Administration

GEOS413 Geological Problems

GSE846 Applied Heritage Interpretation Methods

HGEO800 Heritage: Identification, Conservation and Sustainable Management

MHPG847 Rewriting History

SCED812 Virtual Geology Excursions

#### Elective

ELS401 Professional Experience (12 cp)

ELS840 Museums Special Project (12 cp)

### Postgraduate Diploma in Museum Studies

**Admission requirements:** A degree in earth sciences, palaeontology, biology, geology, history, cultural geography, indigenous studies, creative arts, archaeology, art history, anthropology or some discipline relevant to museum studies; or qualifications deemed to be equivalent; or relevant work experience equivalent (approximately 5 years — to be assessed in the application process).

**Attendance:** Internal full-time; part-time; distance education is possible

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March or July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Ruth Mawson

**Tel:** (02) 9850 8336

**Fax:** (02) 9850 6053

**Email:** ruth.mawson@mq.edu.au

**Website:** <http://www.els.mq.edu.au/museumstudies>  
<http://www.es.mq.edu.au/mucep/> and click on Postgraduate Studies

### Program Structure

Candidates complete three core units and one elective.

#### Core

ELS820 Museum Studies and Information Management

ELS400 Museum Field Studies

MHPG844 History, Culture and Museum Studies  
or

MHPG847 Rewriting History

Note: Students who have completed ELS202 and/or HIST309 as undergraduate units may substitute an approved, relevant unit, for example:

AHPG810 Archaeological Evidence

ARTS300 Arts Management and Administration

GEOS413 Geological Problems

GSE846 Applied Heritage Interpretation Methods

HGEO800 Heritage: Identification, Conservation and Sustainable Management

MHPG847 Rewriting History

SCED812 Virtual Geology Excursions

#### Elective

ELS401 Professional Experience (12 cp)

ELS840 Museums Special Project (12 cp)

## Handbook of Postgraduate Studies – 2004

### Master of Biotechnology

The Master of Biotechnology degree program has a strong interdisciplinary and practical focus, consisting of both coursework and laboratory components and reflective of the needs of the marketplace. In the final semester of the Masters program, selected students will have the opportunity to undertake a substantive research project, based in either the University laboratories or in industry placements.

**Please note:** The Master of Biotechnology will commence in 2005. However, students seeking admission via the Graduate Certificate in Biotechnology can enrol in the latter program in Semester 2, 2004.

Admission requirements: A Bachelor of Science in a relevant area or completion of the Graduate Certificate in Biotechnology\*

**Attendance:** Full-time; part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Program requirements:** minimum of 32 postgraduate credit points

**Fees for 2005:** N/A

\* For course requirements see the 2004 Handbook of Undergraduate Studies.

Enquiries: Associate Professor Helena Nevalainen

**Tel:** (02) 9850 8135

**Fax:** (02) 9850 8245

**Email:** hnevalai@els.mq.edu.au

#### Program Structure

Candidates complete the following program:

##### Semester 1

CHEM832 Protein Discovery and Analysis

STAT830 Prelude to Bioinformatics

ELS 841 Entrepreneurship

Plus one of two of the units from the list of electives

##### Semester 2

There are two streams available in semester 2:

###### Stream 1: Coursework

BIOL880 Selected Topics in Biotechnology

CHEM833 Functional Proteomics

ITEC843 Research and Development Practice and Management

Plus one or two units from the list of electives

###### Stream 2: Research Project

Candidates complete:

BIOL881 Major Research Project in Biotechnology

Only candidates who have achieved a GPA of 3.0 in Semester 1 or the top 10 percent of students currently enrolled in the Master of Biotechnology will be permitted to enroll in BIOL881 Major Research Project in Biotechnology.

#### Elective

Candidates must undertake electives to a minimum of 8 credit points.

Please note: Electives are of varying credit point value. For undergraduate unit descriptions please refer to the Handbook of Undergraduate Studies.

Undergraduate units may be included in your program but must not make up more than 25 per cent of the total program requirements.

BIOL224	Biochemistry and Molecular Biology II
BIOL309	Biochemistry
BIOL313	Environmental Plant Physiology
BIOL317	Plants: Cells and Molecules
BIOL352	Molecular Biology
BIOL371	Biosynthetic Pathways
BIOL375	Immunology, Cell and Developmental Biology
BIOL882	Environmental Microbiology and Bioresources
BUS804	International Business Strategy
BUS850	Management of People at Work
CHEM208	Chemical Analysis I
CHEM325	Chemical Analysis II
CHEM330	Organic and Biological Chemistry A
CHEM339	Medicinal Chemistry
ICH801	Management and Organisations
ICH812	Entrepreneurial Leadership
ICH822	Strategic Intelligence
MKT813	Managerial Marketing
PHIL242	Practical Ethics

Please note: Candidates are not permitted credit for electives completed as part of other programs, including the Graduate Certificate in Biotechnology.

### Master of Conservation Biology

The Master of Conservation Biology degree is offered as an international collaboration between Macquarie University and Victoria University (Wellington, New Zealand). This degree has grown out of existing teaching and research at both universities by the ANZCoL (Australian and New Zealand Conservation Laboratories) group. The goals of ANZCoL are to offer graduate training and to promote research into world conservation issues by studying the unique organisms and unique environments in the two countries. The course is aimed at attracting professionals working in the field of conservation biology and students interested in exploring the issues of conservation biology at both a local and international scale. On completion, students will be awarded a Masters degree jointly by Macquarie University and Victoria University.

**Admission requirements:** A Bachelor degree with major in biology or relevant equivalent subjects, such as agriculture, biotechnology, veterinary science.

**Attendance:** Macquarie University will run subjects during the second semester of each year, Victoria

## Part Two – Postgraduate Study

University during the first semester. These can be taken in any order, full-time or part-time. Distance education mode is possible in some units.

**Length of candidature:** 1 year full-time, 2 years part-time

**Program requirements:** 40 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Professor Des Cooper

**Tel:** (02) 9850 8205

**Fax:** (02) 9850 9686

**Email:** dcooper@rna.bio.mq.edu.au

**Website:** www.conservation.bio.mq.edu.au

### Program Structure

Candidates complete a total of eight units. Five units (equivalent to 20 credit points) will be undertaken at Macquarie University, and three units (also equivalent to 20 credit points) will be undertaken at Victoria University.

Students will spend January to June in New Zealand and July to December in Australia. The training will be intensive. Coursework will involve lecture and seminar sessions, fieldwork, some lab work and a small research project.

Units to be completed at Macquarie University

#### Core

BIOL860	Wildlife Project
BIOL861	Management of Wild Australian Mammals
BIOL865	World Conservation Biology
BIOL866	Research Technologies in Conservation Biology

#### Suggested elective units

BIOL350	Aboriginal Impact on Australian Ecosystems*
BIOL351	Aboriginal Resources Field Trip*
*together are equivalent to one unit of 4 credit points.	
BIOL334	Conservation and Evolutionary Genetics#
BIOL377	Environmental Microbiology and Bioresources#
BIOL390	Selected topics in Biodiversity and Conservation#
#undertaken in combination with BIOL351	

GSE800	Attitudes to the Environment
GSE808	Management of Degraded Environments
GSE827	Education for Sustainable Development
GSE828	Action Research for Sustainable Development
GSE852	Wildlife Habitat Management
GSE855	Communication and Wildlife Management
Units to be completed at Victoria University, Wellington	

#### Core

BIOL420	Conservation Ecology
BIOL424	New Zealand Conservation Practice

#### Suggested elective units

BIOL404	Environment and Conservation Management
---------	---

BIOL421 Human Ecology

BIOL422 Ecology

BIOL423 Marine Biology

Please note: Descriptions of the Victoria University units can be found at <http://conservation.bio.mq.edu.au>

### Master of Chiropractic

The Master of Chiropractic is a course of study required by Australian Chiropractic Registration Boards for those who wish to become registered chiropractic practitioners. This program is fully accredited by both Australian professional accrediting agencies and accordingly enjoys international recognition. The course is designed to prepare graduates for assuming the full diagnostic responsibilities of a primary contact practitioner. The Department of Health and Chiropractic operates three teaching clinics at Eastwood, Epping and Summer Hill where students in the second year of the Masters program complete an internship.

**Admission requirements:** Admission to Master of Chiropractic is only by one of the following two pathways:

- successful completion and award of the Bachelor of Chiropractic Science degree;

or

- completion of a full-fee paying Masters Qualifying Program of 1 to 2 years duration for those already holding another Science or health related degree. Units to be completed in the Master's Qualifying Program will be determined following an assessment of the student's previous academic studies.

**Attendance:** Internal; full-time

**Length of candidature:** 2–4 years

**Commencement:** March, July

**Program requirements:** 64 postgraduate credit points

**Tuition fee 2004:** \$500.00 per credit point

**Enquiries:** Program Administrator

**Tel:** (02) 9850 9386

**Fax:** (02) 9850 9389

**Email:** chiro@mq.edu.au

**Website:** <http://www.chiro.mq.edu.au/chiro/pgrad.htm>

### Program Structure

Candidates complete the following program:

#### Year 1

CHIR821	Chiropractic Technique IV
CHIR833	Radiographic Positioning
CHIR835	Orthopaedics
CHIR845	Chiropractic First Aid
CHIR859	Rehabilitation
CHIR862	Preclinical Studies
CHIR864	Radiology I
CHIR865	Differential Diagnosis C
CHIR866	Neurological Diagnosis
CHIR867	Peripheral Skills

## Handbook of Postgraduate Studies – 2004

### Year 2

CHIR824	OHS and Sports Medicine
CHIR829	Clinical Nutrition and Pharmacology
CHIR830	Diagnostic Specialties
CHIR840	Terminal Point Therapy
CHIR843	Electrophysical Therapy
CHIR848	Radiology II
CHIR850	Research Project
CHIR853	Professional Studies
CHIR860	Clinic Internship
CHIR861	Chiropractic Technique V

### Postgraduate Diploma in Ageing and Health

This program of study will be of particular interest to those who wish to broaden and deepen their understanding of ageing and health. The program encourages students to adopt a reflective and interdisciplinary approach to ageing and health, considering topics such as the diversity of human experience and values in this area; the structure and physiology of ageing; alternative delivery systems to meet the health needs of Australia's rapidly increasing elderly population; and the role and relevance of health promotion to the aged.

**Admission requirements:** A Bachelor degree in a relevant field or, in special cases, a mix of relevant professional and occupational background.

**Attendance:** Internal; part-time

**Length of candidature:** 1.5 years part-time

**Commencement:** July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Professor Peter Curson  
**Tel:** (02) 9850 8419  
**Fax:** (02) 9850 6052  
**Email:** pcurson@els.mq.edu.au  
**Website:** <http://www.chiro.mq.edu.au/>

#### Program Structure

Candidates complete the following units:

HLTH801	Ageing and Health: Social and Medical Geographic Perspectives
HLTH802	The Structure and Physiology of Ageing
HLTH803	Health Care Delivery Systems for the Aged
HLTH804	Health Promotion and Modalities of Care
HLTH805	Aged Health Research Project

### Postgraduate Certificate in Ageing and Health

This program of study will be of particular interest to those who wish to broaden and deepen their understanding of ageing and health. The program encourages students to adopt a reflective and interdisciplinary approach to ageing and health, considering topics such as the diversity of human experience and values in this area; the structure and physiology of ageing; alternative delivery

systems to meet the health needs of Australia's rapidly increasing elderly population; and the role and relevance of health promotion to the aged.

**Admission requirements:** A Bachelor degree in a relevant field or, in special cases, a mix of relevant professional or occupational background.

**Attendance:** Internal; part-time.

**Length of candidature:** 1 year part-time

**Commencement:** July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Professor Peter Curson  
**Tel:** (02) 9850 8419  
**Fax:** (02) 98506052  
**Email:** pcurson@els.mq.edu.au  
**Website:** <http://www.chiro.mq.edu.au/>

#### Program Structure

Candidates complete the following units:

HLTH801	Ageing and Health: Social and Medical Geographic Perspectives
HLTH802	The Structure and Physiology of Ageing
HLTH803	Health Care Delivery Systems for the Aged
HLTH804	Health Promotion and Modalities of Care

### Master of Science (Geology)

The Master of Science (Geology) program allows graduates to advance their knowledge across a broad spectrum of topics or to focus on a particular sub-set of the geosciences. Most units have both field and laboratory based components. A research project or dissertation that can be field, laboratory or literature based is commonly selected as part of the degree. As noted below, there are special programs available for high school teachers.

**Admission requirements:** A Bachelor degree with relevant undergraduate studies

**Attendance:** Internal; full-time, part-time. Distance education is possible

**Length of candidature:** 1–3 years full-time, 2–5 years part-time

**Commencement:** March, July (subject to program availability)

**Program requirements:** 46 credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Dr R Flood  
**Tel:** (02) 9850 8370  
**Fax:** (02) 9850 6904  
**Email:** richard.flood@mq.edu.au  
 Dr S Jackson (Postgraduate Coordinator)  
**Tel:** (02) 9850 8368  
**Fax:** (02) 9850 6904  
**Email:** sjackson@els.mq.edu.au  
**Website:** <http://www.es.mq.edu.au/geology/>

## Part Two – Postgraduate Study

### Program Structure

Candidates complete eight to twelve units. Units may be drawn from the general postgraduate offering but should exhibit coherency. Programs are designed to meet the needs of individual candidates and are therefore regarded as non-standard. No more than three undergraduate units (25 per cent) may be credited towards the program, and then only when passed with a Credit grade or higher.

#### Units available

GEOS80	Earth Science Project
GEOS807	Problems in Sedimentary Geology
GEOS809	Geophysics Laboratory Project
GEOS813	Geophysics Reading Project
GEOS815	Principles of Deformation
GEOS816	Geophysics
GEOS818	Volcanic Geology
GEOS821	Earth Science
GEOS832	Ore Deposit Environments
GEOS835	Geomechanics
GEOS844	Applied Palaeontology
GEOS846	Mineralogy and Microscopy
GEOS854	Environments of the Lithosphere
GEOS855	Earth Systems Evolution
GEOS856	Coral Reef Environments
GEOS858	Environmental Geophysics
GEOS874	Geophysical Prospecting
GEOS875	Structural Petrology
GEOS876	Advanced Geochemical Applications and Techniques
GEOS891	MSc Dissertation Geology
GEOS899	Geoscience Research Topic

### Special Program for High School Teachers

A special program has been designed for science graduates, particularly those involved in secondary teaching, who may wish to extend their skills into the earth and environmental sciences. This, in general terms, involves completing a majority of the following units, or equivalents, which broadly cover the main curriculum areas. Most units require some level of on-campus attendance. Additional units are available from a range of options, including some from the School of Education. Students can discuss with an adviser how best to construct the remainder of the course to meet their particular interests. A similar program may also be structured through the Master of Geoscience program.

#### First Half Year

GEOS816	Geophysics
GEOS821	Earth Science
GEOS854	Environments of the Lithosphere
GEOS856	Coral Reef Environments

#### Second Half Year

GEOS800	Earth Science Project
GEOS821	Earth Science
GEOS844	Applied Palaeontology
GEOS846	Mineralogy and Microscopy
GEOS855	Earth Systems Evolution

#### Vacation Period

GEOS224 Introduction to Field Geology

### Master of Science (Palaeobiology)

The program consists of a package of field and laboratory teaching, designed for students interested in palaeontology, palaeobiology, palaeoecology and/or ecostratigraphy. It is structured in order to provide participants with experience in a variety of fields: stratigraphy and stratigraphic alignments (based primarily on conodonts) on the Palaeozoic carbonate units of eastern Australia, late Cainozoic reefs in the southwest Pacific, ancient (Late Ordovician to Late Devonian) carbonate buildups in Australia. Background to carbonate studies and fossils preserved in limestones is obtained from on-site experience of modern reefs on the Great Barrier Reef.

**Admission requirements:** A Bachelor degree with relevant undergraduate studies

**Attendance:** Internal; full-time, part-time. Distance education is possible

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March, July

**Program requirements:** 36 credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor R Mawson

**Tel:** (02) 9850 8336

**Fax:** (02)9850 6053

**Email:** ruth.mawson@mq.edu.au

**Website:** www.es.mq.edu.au/mucep/  
and click on Postgraduate Studies

### Program Structure

Candidates complete 12 credit points of core units and two elective units. Note: Units for the electives may also be drawn from approved postgraduate units offered by the Department of Earth and Planetary Sciences, Division of Environmental and Life Sciences and the Department of Ancient History.

#### Core (12 credit points to be completed)

GEOS413	Geological Problems (4 credit points)
GEOS425	Palaeobiology (4 credit points) (even years)
GEOS427	Palaeoecology and Biogeography (2 credit points) (odd years)
GEOS428	Coral Reef Dynamics (2 credit points)
GEOS856	Coral Reef Environments (5 credit points)
AHPG810	Archaeological Evidence (4 credit points)

#### Electives (two to be completed)

##### Option A

12 credit points from:

GEOS800	Earth Science Project (4 credit points)
GEOS807	Problems in Sedimentary Geology (4 credit points)
GEOS844	Applied Palaeontology (4 credit points)
ELS400	Museum Field Studies (4 credit points)

## Handbook of Postgraduate Studies – 2004

### Option B

GEOS899 Geoscience Research Topic (12 credit points)

### Option C

12 credit points from:

GEOS821 Earth Sciences (4 credit points)  
 GEOS855 Earth Systems Evolution (4 credit points)  
 ELS400 Museum Field Studies (4 credit points)  
 ELS820 Museum Studies and Information Management (5 credit points)

## Master of Geoscience

This course is designed to permit individually tailored programs in consultation with the postgraduate adviser in geology and geophysics. It is a course that has a professional orientation and aims to cater both for new graduates and for those with longer standing qualifications who may require a refresher program of two to three years part-time duration.

**Admission requirements:** A Bachelor degree with relevant undergraduate studies

**Attendance:** Full-time, part-time. The part-time program is available through distance education with some on-campus attendance in the general field of applied geosciences.

**Length of candidature:** 1–2 years full-time, 2–3 years part-time

**Commencement:** March, July (subject to program availability)

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Dr R Flood  
**Tel:** (02) 9850 8370  
**Fax:** (02) 9850 6904  
**Email:** richard.flood@mq.edu.au  
 Dr S Jackson (Postgraduate Coordinator)  
**Tel:** (02) 9850 8368  
**Fax:** (02) 9850 6904  
**Email:** sjackson@els.mq.edu.au  
**Website:** <http://www.es.mq.edu.au/geology/>

### Program Structure

Candidates are required to complete six to nine units. Units may be drawn from the list of 400 or 800 level geology/geophysics units, and any units which may be appropriate to an individually styled program. A maximum of three undergraduate units (25 per cent) may be substituted for some of the units, but these must be passed at Credit level or higher. A project component unit GEOS 899 Geoscience Research Topic may form an optional part of the course requirements.

#### Units available

GEOS800 Earth Science Project  
 GEOS807 Problems in Sedimentary Geology  
 GEOS809 Geophysics Laboratory Project  
 GEOS813 Geophysics Reading Project  
 GEOS815 Principles of Deformation

GEOS816 Geophysics  
 GEOS818 Volcanic Geology  
 GEOS821 Earth Science  
 GEOS832 Ore Deposit Environments  
 GEOS835 Geomechanics  
 GEOS844 Applied Palaeontology  
 GEOS846 Mineralogy and Microscopy  
 GEOS854 Environments of the Lithosphere  
 GEOS855 Earth Systems Evolution  
 GEOS856 Coral Reef Environments  
 GEOS858 Environmental Geophysics  
 GEOS874 Geophysical Prospecting  
 GEOS875 Structural Petrology  
 GEOS876 Advanced Geochemical Applications and Techniques  
 GEOS891 MSc Dissertation Geology  
 GEOS899 Geoscience Research Topic

## Master of Environmental Education

The Master of Environmental Education is offered jointly by the Graduate School of the Environment and the School of Education. This program explores the role and scope of education in attaining environmental and sustainable development goals. Students learn to identify principles of good practice in order to plan and evaluate programs in environmental education and education for sustainable development. Emphasis is also placed on the communication and interpretation process, and effective communication techniques at local, national and international levels within formal, informal and non-formal education.

**Admission requirements:** A Bachelor degree in a related field of study with results at credit level; evidence of genuine interest

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March, July

**Program requirements:** 46–48 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** [www.gse.mq.edu.au](http://www.gse.mq.edu.au)

### Program Structure

Candidates complete eight core units and four elective units.

#### Core

GSE800 Attitudes to the Environment  
 GSE803 Science in Environmental Management  
 GSE807 Environmental Measurement and Analysis  
 GSE827 Education for Sustainable Development  
 GSE843 Environmental Decision Making  
 EPG915 Teaching and Learning about the Environment

## Part Two – Postgraduate Study

EPG917	Design of Environmental Education Programs
EPG918	Environmental Interpretation and Community Education

### *Elective*

Two units from the Education Group (listed in Table 1)

Any two units from those listed in Table 1 (or elsewhere with approval).

## Postgraduate Diploma in Environmental Education

The program is an abbreviated version of the Master of Environmental Education program described above and combines units in environmental education and studies. It focuses on the interdisciplinary approach to studying the environment and the educational objectives are as for MEnvEd.

Please note: Articulation to the Masters program will be permitted when a minimum of four credit points or a GPA of 2.5 over four units is attained.

**Admission requirements:** A Bachelor degree in any relevant field or Diploma in Education or Teaching with results at credit level.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

<b>Enquiries:</b>	Joy Monckton
<b>Tel:</b>	(02) 9850 7993
<b>Fax:</b>	(02) 9850 7972
<b>Email:</b>	joy.monckton@mq.edu.au
<b>Website:</b>	www.gse.mq.edu.au

### *Program Structure*

Candidates complete seven core units and one elective unit.

#### *Core*

GSE800	Attitudes to the Environment
GSE803	Science in Environmental Management
GSE807	Environmental Measurement and Analysis or
GSE825	Sustainable Development: Introductory Principles and Practice
GSE843	Environmental Decision Making
EPG915	Teaching and Learning about the Environment
EPG917	Design of Environmental Education Programs
EPG918	Environmental Interpretation and Community Education

#### *Elective*

EPG916	Resources and Networks in Environmental Education
--------	---

GSE826	Eco-tourism for Sustainable Development
GSE827	Education for Sustainable Development
GSE828	Action Research for Sustainable Development
GSE846	Applied Heritage Interpretation Methods

## Postgraduate Certificate in Environmental Education

This program comprises a coherent set of four units specifically focused on environmental education. It is directed at environmental professionals wishing to enhance their skills in this area.

**Admission requirements:** A Bachelor degree. Relevant work experience will be assessed in the application process

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

**Total student load:** 15–16 credit postgraduate credit points

**Tuition fee 2004:** HECS

<b>Enquiries:</b>	Joy Monckton
<b>Tel:</b>	(02) 9850 7993
<b>Fax:</b>	(02) 9850 7372
<b>Email:</b>	joy.monckton@mq.edu.au
<b>Website:</b>	www.gse.mq.edu.au

### *Program Structure*

Candidates complete three core units and one elective unit.

#### *Core*

EPG915	Teaching and Learning about the Environment
EPG917	Design of Environmental Education Programs
EPG918	Environmental Interpretation and Community Education

#### *Electives*

EPG916	Resources and Networks in Environmental Education
GSE800	Attitudes to the Environment
GSE803	Science in Environmental Management
GSE826	Eco-tourism for Sustainable Development
GSE827	Education for Sustainable Development
GSE843	Environmental Decision Making
GSE846	Applied Heritage Interpretation Methods

## Master of Environmental Management

This is an interdisciplinary program aimed at skilling and training environmental professionals. Students will build skills in critical thinking, report writing and oral presentation. A wide variety of projects are undertaken. The learning outcomes are focused on being able to work with or manage a team of people working from different

## Handbook of Postgraduate Studies – 2004

discipline perspectives or areas to find solutions to environmental problems.

**Admission requirements:** A Bachelor degree in a related field of study with results at credit level; evidence of genuine interest

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March, July

**Course requirements:** 46–48 credit postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton

**Tel:** (02) 9850 7993

**Fax:** (02) 9850 7972

**Email:** joy.monckton@mq.edu.au

**Website:** www.gse.mq.edu.au

### Program Structure

Candidates complete six core units and six elective units.

#### Core

GSE800	Attitudes to the Environment
GSE801	Environmental Law and Policy
GSE803	Science in Environmental Management
GSE807	Environmental Measurement and Analysis
GSE843	Environmental Decision Making
GSE844	Environmental Management Practice

#### Electives

Two units from the Management Group (listed in Table 1)

One unit from the Economics Group (listed in Table 1)

One unit from the Project Appraisal Group (listed in Table 1)

Any two units from those listed in Table 1 (or elsewhere with approval)

## Postgraduate Certificate in Environmental Management

This program comprises a coherent set of four units concentrating on a range of aspects of environmental management, including compliance with standards and legislation.

**Admission requirements:** Bachelor degree. Relevant work experience will be assessed in the application process

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

**Total student load:** 15–16 credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton

**Tel:** (02) 9850 7993

**Fax:** (02) 9850 7972

| 174

**Email:** joy.monckton@mq.edu.au

**Website:** www.gse.mq.edu.au

### Program Structure

Candidates complete three units from the Management Group and one unit from the Law or Project Appraisal Group (units are listed in Table 1).

## Master of Environmental Planning

This program is accredited by the Planning Institute of Australia (PIA — previously RAPI — <http://www.planning.org.au>). This accreditation allows graduates to take up membership of the PIA and pursue career opportunities in public and private sector positions requiring recognised professional PIA qualifications. This is a holistic and flexible inter-disciplinary environmental planning program. While there are compulsory units to develop specific professional skills and knowledge in planning practice, the program also allows students to pursue special areas of interest related to environmental and resource management, and sustainable development in urban and non-urban planning contexts.

**Admission requirements:** A Bachelor degree in a related field of study with results at credit level; evidence of genuine interest

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March, July

**Course requirements:** 46–48 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton

**Tel:** (02) 9850 7993

**Fax:** (02) 9850 7972

**Email:** joy.monckton@mq.edu.au

**Website:** www.gse.mq.edu.au

### Program Structure

Candidates complete seven core units and five elective units.

#### Core

GSE800	Attitudes to the Environment
GSE803	Science in Environmental Management
GSE807	Environmental Measurement and Analysis
GSE843	Environmental Decision Making
GSE801	Environmental Law and Policy
GSE810	Environmental Economics
GSE818	Environmental Planning

#### Elective

One unit from the Planning Group (listed in Table 1)—GSE830 or GSE817 recommended.

One unit from the Project Appraisal Group (listed in Table 1)—GSE816 or GSE845 recommended

One unit from the Management Group (listed in Table 1)

Any two units from those listed in Table 1 (or elsewhere with approval).

## Part Two – Postgraduate Study

### Master of Environmental Studies

This program is the broadest and most flexible of those offered by the Graduate School of the Environment, in that only four units are prescribed. These units provide the inter-disciplinary base. Students can then choose electives from the very wide range on offer. The program is particularly appropriate for students coming from a background which is not closely related and who want to learn about diverse aspects of the environment.

**Admission requirements:** A Bachelor degree in a related field of study with results at credit level; evidence of genuine interest

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March, July

**Course requirements:** 46–48 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

#### Program Structure

Candidates complete four core units and eight elective units.

##### Core

GSE800	Attitudes to the Environment
GSE803	Science in Environmental Management
GSE807	Environmental Measurement and Analysis
GSE843	Environmental Decision Making

##### Elective

Eight units from those listed in Table 1. With approval, candidates may include up to two units from elsewhere.

### Postgraduate Diploma in Environmental Studies

This program forms the foundation to all masters programs offered by the Graduate School of the Environment, other than the Master of Environmental Education. Progress to a Masters program will be permitted when the student has attained a minimum of four credit grades or a GPA of 2.5 spread over a minimum of four units.

**Admission requirements:** A Bachelor degree in any related field of study with results at credit level; evidence of genuine interest

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March, July

**Program requirements:** 31–32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

#### Program Structure

Candidates complete four core units and four elective units.

##### Core

GSE800	Attitudes to the Environment
GSE803	Science in Environmental Management
GSE807	Environmental Measurement and Analysis
GSE843	Environmental Decision Making

##### Elective

Four units as listed in Table 1 (or elsewhere with approval).

Graduates with a Science degree may substitute the core unit GSE803 with a unit from the Science Group as listed in Table 1. This applies to the requirement for GSE803 in all GSE programs.

Students intending to proceed to a masters degree will need to include in the diploma program some units required for their proposed masters degree.

### Master of Environmental Science

This program comprises four integrative core units providing an interdisciplinary approach to the study of the environment. Elective units cover three broad areas of environmental science: life, earth and physical sciences. With a wide selection of units, students can focus on a particular area of science and there is the opportunity to explore an issue in depth by undertaking a research project.

**Admission requirements:** A Bachelor degree in a related field of study with results at credit level; evidence of genuine interest

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March, July

**Program requirements:** 46–48 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

#### Program Structure

Candidates complete four core units and eight elective units.

## Handbook of Postgraduate Studies – 2004

### Core

GSE800	Attitudes to the Environment
GSE803	Science in Environmental Management
GSE807	Environmental Measurement and Analysis
GSE843	Environmental Decision Making

### Elective

Five units from the Science Group (listed in Table 1)

Any three units from those listed in Table 1 (or elsewhere with approval)

Candidates also have the option of substituting a scientific research project for four units of study subject to the availability of a suitable topic and supervisor.

GSE818	Environmental Planning
GSE843	Environmental Decision Making
GSE845	Environmental Impact Assessment
HGEO800	Heritage Identification, Conservation and Sustainable Management
HGEO801	Globalisation and Sustainable Management
HGEO802	Social Impact Assessment and Cross-cultural Negotiation
GEOS319	Population, Health and Environment
GSE830	Sustainable Urban Regions
EPG918	Environmental Interpretation and Community Education

## Master of Sustainable Development

The course is aimed at attracting professionals working in the field of sustainable development. Note: this is a special masters program with very specific learning objectives and developed for a target market of students who are already employed in the environmental and development field and wish to extend their knowledge and skills in this specific area. The course seeks to attract program managers and staff working in conservation management across the Asia-Pacific region.

**Admission requirements:** A Bachelor degree in a related field of study with results at credit level and three years relevant work experience. Those people with less than three years experience will need to complete the Postgraduate Certificate or Postgraduate Diploma in Sustainable Development and attain a minimum of four credit grades before they apply for entry to the Master's program.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

### Program Structure

Candidates complete four core units and four elective units.

#### Core

GSE825	Sustainable Development: Introductory Principles and Practice
GSE826	Eco-tourism for Sustainable Development
GSE827	Education for Sustainable Development
GSE828	Action Research for Sustainable Development

#### Elective

GSE800	Attitudes to the Environment
--------	------------------------------

## Postgraduate Diploma in Sustainable Development

This program considers a number of tools which play an important role in effecting changes towards sustainable development. It aims to develop practical skills in strategic planning and management; action research; education and capacity building; community consultation; facilitation and evaluation. Through its international case study focus, the program addresses the needs of professionals working in aid agencies, NGO's, government agencies and international bodies concerned with sustainability issues.

**Admission requirements:** A Bachelor degree in a related field of study. Relevant work experience will be assessed in the application process.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March, July

**Program requirements:** 31–32 credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

### Program Structure

Candidates complete four core units and two elective units.

#### Core

GSE825	Sustainable Development: Introductory Principles and Practice
GSE826	Eco-tourism for Sustainable Development
GSE827	Education for Sustainable Development
GSE828	Action Research for Sustainable Development

#### Elective

GSE800	Attitudes to the Environment
GSE818	Environmental Planning
GSE830	Sustainable Urban Regions
GSE843	Environmental Decision Making
GSE845	Environmental Impact Assessment

## Part Two – Postgraduate Study

HGEO800	Heritage: Identification, Conservation and Sustainable Management
HGEO801	Globalisation and Sustainable Management
HGEO802	Social Impact Assessment and Cross-cultural negotiation

### Postgraduate Certificate in Sustainable Development

This program is a shorter version of the Diploma program which aims to attract students wanting to learn about this important area but who may have little or no experience in it. It addresses the needs of environment and development professionals who interact with people and organised groups on a regular basis. It is particularly relevant to those who are involved in planning, financing and evaluating initiatives in sustainable development.

**Admission requirements:** A Bachelor degree. Relevant work experience will be assessed in the application process

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

**Program requirements:** 15–16 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 98507972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

#### Program Structure

Candidates complete the following units:

GSE825	Sustainable Development: Introductory Principles and Practice
GSE826	Eco-tourism for Sustainable Development
GSE827	Education for Sustainable Development
GSE828	Action Research for Sustainable Development

### Master of Wildlife Management

The Master of Wildlife Management is offered jointly by the Graduate School of the Environment, the Department of Biological Sciences and the Key Centre for Biodiversity and Bioresources. The aim is to provide students with the skills necessary for employment in some aspect of wildlife or ecological management or research. The program aims to imbue students with an understanding of the inter-disciplinary nature of management decision making, while providing an overview of the ecological basis of conservation, harvest management or pest control. Students will gain skills in handling, marking, observing and conducting censuses of wild animals, with particular knowledge of the biology, ecology and behaviour of wild animals in Australia.

**Admission requirements:** A Bachelor degree in a related field of study with results at credit level; evidence of genuine interest

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time, 3 years part-time

**Commencement:** March, July

**Course requirements:** total 46–48 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 98507972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

#### Program Structure

Candidates complete four core units and eight elective units.

##### Core

GSE800	Attitudes to the Environment
GSE803	Science in Environmental Management
GSE807	Environmental Measurement and Analysis
GSE843	Environmental Decision Making

##### Electives

One unit from the Project Appraisal Group (listed in Table 1)

Four units from the Wildlife Management Group (listed in Table 1)

Any three units from those listed in Table 1 (or elsewhere with approval)

Candidates also have the option of substituting a scientific research project for four units of study subject to the availability of a suitable topic and supervisor. However, it is strongly recommended that candidates still undertake two coursework units from the Wildlife Management Group in addition to the research project.

### Postgraduate Certificate in Wildlife Management

This program is designed for biology graduates who want to gain skills in the specialised area of wildlife management. It combines theoretical and practical aspects of the study area and provides an overview of the ecological basis of conservation, harvest management and pest control.

**Admission requirements:** A Bachelor degree and a background in biology is essential. Relevant work experience will be assessed in the application process

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

## Handbook of Postgraduate Studies – 2004

**Program requirements:** 15–16 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.gse.mq.edu.au

### Program Structure

Candidates complete three units from the Wildlife Management Group and one from the Law or Project Appraisal group. Units available are listed in Table 1.

## Master of Wildlife Management—Habitat

The Master of Wildlife Management—Habitat program has a strong interdisciplinary and practical focus, consisting of both coursework and fieldwork components. It aims to provide students with a sound knowledge base in individual disciplines as well as real-world application skills, and an understanding of the multi-disciplinary approach required in the management of living resources. The program also provides students with relevant industry placement opportunities.

**Admission requirements:** A relevant tertiary degree, or relevant practical experience in the field of wildlife management.

**Attendance:** Units are primarily provided in external mode utilising on-line delivery. Some units have a non-compulsory residential component depending on the course material. Students should refer to unit descriptions for information specific to each unit.

**Length of candidature:** 1 year full-time and up to 4 years part-time

**Commencement:** March or July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.els.mq.edu.au/wildlifemanagement/

### Program Structure

To facilitate the engagement of part-time students and practitioners in remote areas, coursework components will be delivered using a combination of distance delivery methods (online and hard copy) and on-campus sessions in block mode. Some teaching units will be offered fully on-line.

Candidates complete four core units and four elective units; or four core units, two elective units and a project.

#### Core

GSE852 Wildlife Habitat Management

GSE853 Wildlife Management: Principles and Practices  
 GSE854 Biodiversity Survey and Habitat Assessment Techniques  
 GSE855 Communication and Wildlife Management

#### Electives

1 unit from the Project Appraisal Group (listed in Table 1)  
 1 unit from the Habitat Group 1 units (listed in Table 1)

2 units from the Habitat Group 1 and 2 units\* (listed in Table 1)

\*Candidates wishing to complete the program by coursework and project substitute these elective units for GSE851 Capstone Project (8cp).

## Postgraduate Diploma in Wildlife Management—Habitat

This program is a shorter version of the masters program. It has the same aims and learning objectives.

**Admission requirements:** A relevant tertiary degree, or relevant practical experience in the field of wildlife management.

**Attendance:** Units are primarily provided in external mode utilising on-line delivery. Some units have a non-compulsory residential component depending on the course material. Students should refer to unit descriptions for information specific to each unit.

**Length of candidature:** 1 year full-time or up to 3 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@els.mq.edu.au  
**Website:** www.els.mq.edu.au/wildlifemanagement/

### Program Structure

Candidates complete four core units and 2 elective units.

#### Core

GSE852 Wildlife Habitat Management  
 GSE853 Wildlife Management: Principles and Practices  
 GSE854 Biodiversity Survey and Habitat Assessment Techniques  
 GSE855 Communication and Wildlife Management

#### Electives

1 unit from the Project Appraisal Group (listed in Table 1)

1 unit from the Habitat Group 1 units (listed in Table 1)

Postgraduate Certificate in Wildlife Management—Habitat

## Part Two – Postgraduate Study

This program comprises a coherent set of four units about wildlife management focusing on habitat. The aims and learning objectives are as above.

**Admission requirements:** A relevant tertiary degree, or relevant practical experience in the field of wildlife management.

**Attendance:** Units are primarily provided in external mode utilising on-line delivery. Some units have a non-compulsory residential component depending on the course material. Students should refer to unit descriptions for information specific to each unit.

**Length of candidature:** Up to 2 years part-time

**Commencement:** March or July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** www.els.mq.edu.au/wildlifemanagement/

### Program Structure

Candidates complete the following units:

GSE852	Wildlife Habitat Management
GSE853	Wildlife Management: Principles and Practices
GSE854	Biodiversity Survey and Habitat Assessment Techniques
GSE855	Communication and Wildlife Management

### Postgraduate Certificate in Environmental Economics

This program is aimed at candidates who are already working in the environmental profession and want to gain skills in the specialised area of environmental economics. The program includes a unit from the project appraisal area.

**Admission requirements:** Bachelor degree. Relevant work experience will be assessed in the application process

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

**Program requirements:** 15–16 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** joy.monckton@mq.edu.au  
**Website:** http://www.gse.mq.edu.au/

### Program Structure

Candidates complete three units from the Economics Group and one from the Law or Project Appraisal Group. Units available are listed in Table 1.

### Master of Arts in Human Geography

This course is designed to equip students with an understanding of key social and environmental issues from both practical and theoretical perspectives. As well as choosing among the listed HGEO units, students are encouraged to tailor their degree to their own needs and interests by drawing on relevant units from other Departments, in consultation with Human Geography academic staff.

**Admission requirements:** A Bachelor degree with a relevant undergraduate major

**Attendance:** Internal; full-time, part-time. Distance (external) education possible

**Length of candidature:** 1–2 years full-time, 2–4 years part-time

**Commencement:** March, July

**Course requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Joy Monckton  
**Tel:** (02) 9850 7993  
**Fax:** (02) 9850 7972  
**Email:** humgeog@els.mq.edu.au  
or joy.monckton@mq.edu.au  
**Website:** http://www.gse.mq.edu.au/

### Program Structure

Candidates are required to complete a total of 32 postgraduate credit points.

It is highly recommended that candidates complete at least two of the units below:

HGEO800	Heritage: Identification, Conservation and Sustainable Management
HGEO801	Globalisation and Sustainable Development
HGEO802	Social Impact Assessment and Cross Cultural Negotiation
HGEO803	Cultural Issues in Wildlife Management
HGEO804	Asia Pacific Economies
HGEO806	Thinking Geographically
HGEO807	Research Methods in Human Geography

Additional units can then be drawn from the following cognate postgraduate programs:

Master of Policy and Applied Social Research  
 Master of Applied Anthropology  
 Master of Politics and Public Policy  
 Master of Sustainable Development  
 Master of Environmental Studies

A 12 credit point research project (HGEO805) is also available for candidates wishing to design and implement a human geography research project under academic supervision. Candidates need to have achieved a credit

## Handbook of Postgraduate Studies – 2004

average in their coursework units to qualify for admission to this unit.

Candidates are required to discuss their proposed program with the Human Geography postgraduate co-ordinator.

### Postgraduate Certificate in Research Preparation (ELS)

This is a qualifying program for students wishing to enrol in the Master of Science (Honours) by research in the Division of Environmental and Life Sciences. Students wishing to qualify for enrolment in the Honours Masters program must complete two units with a credit average result. Students proceeding to the Masters program are not required to complete the Certificate.

**Admission requirements:** A Bachelor degree in a related discipline

**Attendance:** Internal; full-time

**Length of candidature:** 1 year full-time

**Commencement:** March, July

**Course requirements:** 16 postgraduate credit points

**2004:** HECS

**Enquiries:** Joy Monckton

**Tel:** (02) 9850 7993

**Fax:** (02) 9850 7972

**Email:** joy.monckton@mq.edu.au

### Program Structure

As noted above, this is a qualifying program for students who wish to gain admission to the Honours Degree of Master of Science, a postgraduate research program in the Division of Environmental and Life Sciences. To qualify for admission to the Masters Honours program, students must enrol in the Postgraduate Certificate in Research Preparation (ELS) and complete two units, Research Preparation (8pg cp) and selected coursework (4 pg cp) (in their discipline of interest), gaining a credit average result for the two units. The discipline areas currently available and the units required for each are listed below.

#### Biology

ELS801 Research Preparation—Biology

ELS811 Selected Coursework—Biology

#### Graduate School of the Environment

ELS803 Research Preparation—Graduate School of the Environment

ELS813 Selected Coursework—Graduate School of the Environment

#### Chemistry

ELS805 Research Preparation—Chemistry

ELS815 Selected Coursework—Chemistry

#### Health and Chiropractic

ELS806 Research Preparation—Health and Chiropractic

ELS816 Selected Coursework—Health and Chiropractic

#### Physical Geography

ELS808 Research Preparation—Physical Geography

ELS818 Selected Coursework—Physical Geography

#### Earth and Planetary Sciences

ELS809 Research Preparation—Earth and Planetary Sciences

ELS819 Selected Coursework—Earth and Planetary Sciences

#### Human Geography

ELS807 Research Preparation—Human Geography

ELS817 Selected Coursework—Human Geography

Students who do not qualify for admission to the Masters Honours program can complete the Research Preparation Certificate with an additional 4 postgraduate credit point unit taken from any of the 800 level unit offerings in the Division.

## Division of Humanities

### Research Programs

The Division of Humanities represents a broad range of historical, language, literary, legal, music and political studies with a common interest in the analysis of human affairs and culture both in the past and the present. For academic, program and candidature matters candidates should contact either the Director of Postgraduate Studies for their Department or:

Enquiries: Professor John Stephens  
Director of Postgraduate Studies  
Division of Humanities  
Tel: (02) 9850 8748  
or

Vicki Brownless  
Tel: (02) 9850 8762  
Email: vbrownle@pip2.hmn.mq.edu.au

The current Departmental Postgraduate Directors are:

#### *Ancient History*

Dr David Phillips  
W6A 524  
Tel: (02) 9850 8874

#### *Asian Languages*

Dr Lance Eccles  
W6A 227  
Tel: (02) 9850 7023

#### *Egyptology*

Professor Naguib Kanawati  
W6A 535  
Tel: (02) 9850 8855

#### *English*

Professor John Stephens  
W6A 626  
Tel: (02) 9850 8748

#### *European Languages*

Associate Professor Guy Neumann  
W6A 202  
Tel: (02) 9850 7005

#### *Modern History*

Dr George Parsons  
W6A 411  
Tel: (02) 9850 8824

#### *Music*

Professor Philip Hayward  
W6A 640  
Tel: (02) 9850 9245

#### *Politics*

Associate Professor M. Morley  
W6A 439  
Tel: (02) 9850 8818

#### *Public Law*

Ms Kathe Boehringer  
W6A 140  
Tel: (02) 9850 7078

### DEPARTMENT OF ANCIENT HISTORY

Ancient History candidates proceed primarily by thesis, which should not exceed 80 000 words for Honours degree of Master of Arts or 100 000 words for Doctor of Philosophy. Candidates are also required to successfully complete a graduate seminar, AHPG895 Advanced Topics in Ancient History (generally taken during the first 2 years of candidature) plus AHPG900 Advanced Thesis Writers Seminar. This involves one thesis based seminar presentation during the final six months of candidature.

Honours Degree of Master of Arts candidates may apply for transfer to Doctor of Philosophy candidature after demonstrating sufficient progress. Candidates without first-class honours or equivalent in their Bachelor degree are expected to enrol, in the first instance, as Honours Degree of Master of Arts candidates.

Ancient History and Egyptology candidates are expected to have appropriate language qualifications and/or to include in their programs suitable units from the Master of Arts in Ancient History, the Master of Arts in Egyptology or classical language units from the University of Sydney or the University of New England (external).

A thesis in Egyptology requires the prior completion of a program of eight half-year units from the Master of Arts in Egyptology or their equivalent plus AHPG882 Ancient History Minor Research Project or its equivalent.

Supervision for research programs and information on staff interests is available on the websites.

### Ancient History and Egyptology

The discipline covers a wide range of research fields in the ancient Near East, archaeology, biblical studies, Egyptology, epigraphy, Greek and Roman history, numismatics and papyrology.

**Enquiries:** Dr DJ Phillips (Ancient History)  
W6A 524  
**Tel:** (02) 9850 8874  
Professor N. Kanawati (Egyptology)  
W6A 436  
**Tel:** (02) 9850 8855

### DEPARTMENT OF ASIAN LANGUAGES

At the postgraduate level, supervised research leading to the degrees of Master of Arts (Honours) and Doctor of Philosophy are available in both Chinese and Japanese disciplines.

**Tel:** (02) 9850 7008

## Handbook of Postgraduate Studies – 2004

### Chinese

Chinese historical linguistics; Chinese dialectology; Late Qing history; History of Shanghai; History of Chinese medicine; Modern and contemporary literature; Chinese film; Chinese minority languages.

**Enquiries:** Professor D Kane  
**Tel:** (02) 9850 7692

### Japanese

Students undertaking the MA (Hons) by thesis or PhD will choose a topic of research in consultation with the Academic Director of Japanese Studies and will be assigned to a particular supervisor.

Some coursework may be required of students, depending upon individual circumstances. Research supervision is conducted in bilingual environment (English and Japanese). Candidates have the option to submit theses in either English or Japanese.

#### Current Research

Modern history of Japan and North Asia; international relations involving Japan; changes under globalisation; socio-legal studies; media studies, gender issues; traditional and contemporary culture; literature; second language acquisition (Japanese). Before submitting a formal application, students are advised to contact the Academic Director of Japanese Studies to ascertain in which fields supervision is available.

**Enquiries:** Dr M Hanihara Chow  
**Tel:** (02) 9850 7008

## DEPARTMENT OF CONTEMPORARY MUSIC STUDIES

The Department of Contemporary Music Studies has a large and active postgraduate research program linked to its staff's research, publication and recording activities. Students can pursue MA (Research), MA (Hons) and PhD degrees either through traditional academic study or through creative-orientated projects. Priority areas for the Department in 2000-2010 are Pacific music studies, digital music, vocal studies and Christian music.

**Enquiries:** Professor Philip Hayward  
**Tel:** (02) 9850 9245

## DEPARTMENT OF ENGLISH

The interests of the English Department cover the literature of English throughout its history, from the literature and language of the Early English period to the literatures of America and Australia and the new literatures of the post-colonial era. The Department also teaches drama, creative writing and literary theory.

The research strengths of the Department of English are in the fields of the English Literary tradition and other literatures in English, including Australian; post-colonial studies; children's literature; critical theory; literary biog-

raphy and editorial scholarship. Supervision for postgraduate study is available in all these areas.

The MA(Hons) degree includes some coursework units in research methods, thesis development and literary theory, but is primarily undertaken by research thesis. The variant in creative writing comprises a creative project, a short research dissertation linked to the creative project, and some coursework. The PhD is undertaken by research dissertations, but candidates must complete a unit in research methodologies. In the variant in creative writing, the dissertation consists of linked research thesis (45,000-50,000 words) and creative work.

**Enquiries:** Professor Virginia Blain  
**Tel:** (02) 9850 8743  
**Websites:** <http://www.engl.mq.edu.au/postgrad.htm>  
<http://www.ro.mq.edu.au/HDRU/>

## DEPARTMENT OF EUROPEAN LANGUAGES

At the postgraduate level, research courses leading to the degrees of Master of Arts (Pass and Honours) and Doctor of Philosophy are available on request in most disciplines. All programs are offered subject to the availability of supervision and intending students are advised to check with the Department of European Languages that supervision is available in their language.

### Croatian

Croatian language, literature and culture, other Slavonic/South Slavonic literatures and cultures, theory of literature, comparative literature, sociolinguistics, language acquisition and translating and interpreting.

**Enquiries:** Mr Luka L Budak  
**Tel:** (02) 9850 7040  
or  
Dr Boris Skvorc  
**Tel:** (02) 9850 7049

### French

Theory and practice of writing workshops; French novel (including the French 'New Novel' and the diary 'genre'); modern French culture.

**Enquiries:** Associate Professor G Neumann  
**Tel:** (02) 9850 7005

### German

Computer assisted language learning (CALL); language learning and the internet; pragmatics in interlanguage; acquisition of German modal particles; modern German culture.

**Enquiries:** Ms Martina Mollering  
**Tel:** (02) 9850 7012

## Italian

Problems in translation between English and Italian: a study of the cultural, lexical and structural differences between the two languages. False Cognates Italian/English: a study of complete, partial, structural, stylistic and cultural false friends. Markers of ownership of parts of the body in French, Italian and English.

**Enquiries:** Dr Daniela Andrews

**Tel:** (02) 9850 7025

## Modern Greek

Nineteenth and twentieth centuries Greek literature; poetics; surrealism; language acquisition; history of the Greek language; Greek-Australian literature; Greek-Australian history and culture.

**Enquiries:** Dr Elizabeth Kefallinos

## Russian

Applied and socio-linguistics, first language retention, second language acquisition, teaching methodology, nineteenth and twentieth century Russian literature, modern Russian culture and Russian film.

**Enquiries:** Dr Nonna Ryan

**Tel:** (02) 9850 7048

## Ukrainian

Feminist analysis of Ukrainian literature in the context of contemporary Ukrainian literature.

**Enquiries:** Dr Halyna Koscharysky

**Tel:** (02) 9850 7034

## DEPARTMENT OF MODERN HISTORY

Staff interests cover a variety of themes and issues in current historical practice, including world history, late twentieth century historiography, cultural, religious, urban, military, labour and feminist history, and the history of social policy and social protest. Please refer to the website for a list that indicates the particular research interests of staff working in Australian and European/British history.

Modern History candidates proceed primarily by thesis, which should not exceed 60 000 words for Honours degree of Master of Arts or 100 000 words for Doctor of Philosophy. Candidates are also required to successfully complete a graduate seminar, MHPG895 Advanced Topics in Modern History (generally taken in the first 2 years of candidature) plus attend reporting sessions which are generally held twice yearly.

**Enquiries:** Dr George Parsons  
W6A 411

**Tel:** (02) 9850 8824

## Part Two – Postgraduate Study

### DEPARTMENT OF POLITICS AND INTERNATIONAL RELATIONS

The theoretical and empirical concerns of members of the Department make graduate study possible in a broad range of subject areas. Intending applicants should first discuss possible thesis topics and supervisors with the Department's co-ordinator of Postgraduate Research, Associate Professor Morley.

**Enquiries:** Associate Professor M Morley  
W6A439

**Tel:** (02) 9850 8818  
or  
Politics Office  
W6A438

**Tel:** (02) 9850 8869

### DEPARTMENT OF PUBLIC LAW

The Department of Public Law offers at postgraduate level a coursework MA in Cyberculture and the Law, in conjunction with the Media and Communications Department. Additionally, the wide-ranging research interests of department members enable students to pursue research degrees by thesis. Intending applicants should contact Associate Professor Drew Fraser to discuss thesis topics and supervisors.

**Enquiries:** Associate Professor A Fraser  
W6A

**Tel:** (02) 9850 7070  
or  
Department Office  
W6A 101

**Tel:** (02) 9850 8861

**Websites:** <http://www.doli.mq.edu.au/>  
<http://www.ro.mq.edu.au/HDRU/>

## Coursework Programs

### Master of Arts in Ancient History

The Master of Arts in Ancient History provides a concentrated study in Ancient History in several areas of special interest, eg archaeology, biblical studies, Egyptian, Greek or Roman history, including the opportunity for technical training in the use of documentary evidence for the study of the ancient world.

**Admission requirements:** A Bachelor degree with a major in history or in a discipline concerned with the ancient world.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time, 2–4 years part-time

**Commencement:** March, July

**Course requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Ian Plant

**Tel:** (02) 9850 8880

**Email:** [ian.plant@mq.edu.au](mailto:ian.plant@mq.edu.au)

**Website:** [www.humanities.mq.edu.au](http://www.humanities.mq.edu.au)

## Handbook of Postgraduate Studies – 2004

### Program Structure

This program may be completed by either coursework or by coursework and minor research project.

#### By coursework

Candidates must complete eight half-year units. These may include units from the Master of Arts in Early Christian and Jewish Studies program. A maximum of two units may be 300-level undergraduate units in Ancient History. Candidates taking undergraduate units must gain at least a Credit grade. Up to two units may be taken from the Master of Arts in Modern History program.

#### By coursework and minor research project

This program is recommended for candidates who may wish to qualify for entry to a research program leading to either the Honours Degree of Master of Arts or the Doctor of Philosophy in Ancient History. Candidates must complete six half-year units in Ancient History or in Early Christian and Jewish Studies which must include at least one of AHPG800, AHPG801, AHPG847 or AHPG870 (unless equivalent units have been taken for the Bachelor of Arts degree) and AHPG882 Ancient History Minor Research Project.

#### Units available for the Master of Arts in Ancient History

AHPG800	Historical Documents in Greek
AHPG801	Historical Documents in Latin
AHPG802	Ancient Historical Sources
AHPG805	Greek Papyri
AHPG808	Advanced Greek Documents
AHPG809	Advanced Latin Documents
AHPG810	Archaeological Evidence
AHPG811	Archaeological Practice
AHPG820	Topics in Ancient History
AHPG822	Studies in Ancient Society
AHPG823	History Writing in Antiquity
AHPG833	Religious Change in the Roman Empire
AHPG835	Cities of the Roman East
AHPG838	The Annals of Tacitus
AHPG847	Introduction to Biblical Hebrew
AHPG848	Advanced Hebrew
AHPG880	Documentary Project
AHPG881	Ancient History Seminar
AHPG882	Ancient History Minor Research Project
AHPG883	Ancient History Minor Research Project Part A
AHPG884	Ancient History Minor Research Project Part B

Units may also be chosen from the Master of Arts in Egyptology and Master of Arts in Early Christian and Jewish Studies programs, as well as 300-level Ancient History units. For Ancient History units at 300-level available to Masters candidates see the Macquarie University Handbook of Undergraduate Studies.

### Master of Arts in Modern History

The course is designed to permit candidates to study in a range of areas of historical enquiry in modern history or in a combination of ancient and modern history.

**Admission requirements:** A Bachelor degree with a significant component in history or related disciplines

**Attendance:** External; full-time, part-time

**Length of candidature:** 1 year full-time; 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Associate Professor Michael Roberts

**Tel:** (02) 9850 8841

**Fax:** (02) 9850 6594

**Email:** michael.roberts@mq.edu.au

**Website:** www.modhist.mq.edu.au/hpppg1.html

#### Program Structure

Candidates complete 32 postgraduate credit points chosen from the following list of units:

MHPG844	History, Culture and Museum Studies
MHPG847	Rewriting History
MHPG848	An Introduction to Modern Historiography
MHPG888	Modern History Minor Research Project Part A
MHPG889	Modern History Minor Research Project Part B
MHPG892	Modern History Minor Research Project
MHPG903	Famine in History
MHPG905	Victorian Religion in Britain and Abroad
MHPG907	Religion, Crisis and the State
MHPG910	The American Civil War: The Beginnings of the Total War
MHPG911	Morals and Markets
POL841	Theory of International Relations
POL844	Australian International Relations

With special approval a maximum of 2 undergraduate 300-level units in history may be credited to the Masters degree provided Credit, Distinction or High Distinction grades are obtained.

### Master of Arts in History

This program is designed for candidates who wish to take an approximately equal combination of Ancient and Modern History units.

**Admission requirements:** A Bachelor degree with a major in history

**Attendance:** Internal. External candidature only available for some units.

**Length of candidature:** 1 year full-time; 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

## Part Two – Postgraduate Study

**Enquiries:** Dr Ian Plant  
**Tel:** (02) 9850 8880  
**Email:** ian.plant@mq.edu.au  
 Associate Professor Michael Roberts  
**Tel:** (02) 9850 8841  
**Fax:** (02) 9850 6594  
**Email:** michael.roberts@mq.edu.au  
**Website:** www.modhist.mq.edu.au/hpppg1.lhtml

### Program Structure

Candidates complete eight units selected from those available in the Modern History, Ancient History and Egyptology programs. Up to two units may be taken from the Early Christian and Jewish Studies program. Up to two 300-level undergraduate units in Ancient and/or Modern History may be included in the program. It is not possible to include research based units in this general history program.

### Master of Arts in Early Christian and Jewish Studies

The program is taught jointly by the Department of Ancient History at Macquarie University and by the School of Studies in Religion at the University of Sydney.

Admission requirements: A Bachelor degree with a major in history or in a discipline concerned with the ancient world. Candidates with degree qualifications in other fields or evidence of other academic and professional attainments may be admitted with conditions.

**Attendance:** External; part-time

**Length of candidature:** 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Chris Forbes  
**Tel:** (02) 9850-8821  
**Email:** christopher.forbes@mq.edu.au

### Program Structure

This program may be completed by either coursework or by coursework and minor research project.

#### By coursework

Candidates must complete eight units chosen from those available. Subject to approval, up to three Ancient History units may be taken; these may include up to two undergraduate 300-level units. If undergraduate units are included, candidates must gain Credit, Distinction or High Distinction grades.

#### By coursework and minor research project

This program is recommended for those who may wish to qualify for entry to a research program in the field leading to the Honours Degree of Master of Arts or the Doctor of Philosophy. Candidates must complete six coursework units and ECJS882 Minor Research Project.

Although there are no formal language requirements for the programs, candidates who do not already have sufficient proficiency in either Greek or Hebrew are encouraged to take either AHPG800 Historical Documents in Greek or AHPG847 Introduction to Biblical Hebrew.

### Postgraduate Diploma in Early Christian and Jewish Studies

The program is taught jointly by the Department of Ancient History at Macquarie University and by the School of Studies in Religion at the University of Sydney.

Admission requirements: A Bachelor degree with a major in history or in a discipline concerned with the ancient world. Candidates with degree qualifications in other fields or evidence of other academic and professional attainments may be admitted with conditions.

**Attendance:** External; part-time

**Length of candidature:** 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Chris Forbes  
**Tel:** (02) 9850 8821  
**Email:** christopher.forbes@mq.edu.au

### Program Structure

Candidates complete six units chosen from those available. Subject to approval, up to two Ancient History units may be completed. These may include up to two undergraduate 300-level units. If undergraduate units are included, candidates must gain Credit, Distinction or High Distinction grades. On completion of the appropriate requirements, candidates may apply for entry to the Master of Early Christian and Jewish Studies.

#### Units available for the Master of and Diploma in Early Christian and Jewish Studies

ECJS843	The Jews of Palestine from the Maccabees to Bar Kochba
ECJS845	Judaism in the Graeco-Roman Diaspora
ECJS850	Literature and Thought of Early Christianity A
ECJS853	The Quest for the Historical Jesus
ECJS880	Documentary Project
ECJS881	Minor Research Project B
ECJS882	Minor Research Project
ECJS883	Minor Research Project A
ECJS884	Archaeological Fieldwork
ECJS941	New Discoveries in Early Christian and Jewish Studies: Qumran, Nag Hammadi, Kellis (RLST 6041)
ECJS942	Spirituality and Mysticism in the Early Christian World (RLST 6042)

## Handbook of Postgraduate Studies – 2004

### Master of Arts in Egyptology

This program provides a concentrated study in Egyptology, including technical and research training, for those without prior qualifications in this area who may wish to qualify for entry to a research degree in the subject.

Admission requirements: A Bachelor degree or in special cases relevant professional experience in the field of Egyptology

**Attendance:** Internal; part-time

**Length of candidature:** 2–4 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Professor Kanawati

**Tel:** (02) 9850 8855

**Email:** naguib.kanawati@mq.edu.au

#### Program Structure

This program may be completed by coursework or by coursework and minor research project.

#### By coursework

Candidates complete eight units. Candidates who then wish to qualify for entry to either the Honours Degree of Master of Arts or Doctor of Philosophy programs in Egyptology complete the Postgraduate Certificate in Research Methods (Humanities).

#### By coursework and minor research project

This program is recommended for candidates who have completed at least two undergraduate units in Egyptology and who wish to qualify for entry to either the Honours Degree of Master of Arts or Doctor of Philosophy programs in Egyptology. Candidates complete six units and AHPG882 Ancient History Minor Research Project in an area of Egyptology.

*Core (unless an equivalent unit has been taken for the Bachelor of Arts degree)*

AHPG860 Ancient Egypt  
AHPG870 Introduction to Middle Egyptian  
AHPG874 Middle Egyptian II

#### Elective

AHPG811 Archaeological Practice  
AHPG863 Egyptian Wall Paintings  
AHPG866 Egyptian Archaeology – Theory and Practice  
AHPG868 Early Dynastic Egypt  
AHPG869 Egypt and the Ancient Near East  
AHPG875 New Kingdom Documents  
AHPG880 Documentary Project  
AHPG882 Ancient History Minor Research Project  
AHPG883 Ancient History Minor Research Project Part A  
AHPG884 Ancient History Minor Research Project Part B

### Master of Arts in Children's Literature

Admission requirements: A Bachelor degree with a relevant major eg English, Education, Early Childhood, Modern Languages. Consideration will also be given to applicants who can demonstrate that they have qualifications and expertise which will enable them to undertake the course successfully eg experience in teaching, writing, selecting or reviewing children's literature.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Professor John Stephens

**Tel:** (02) 9850 8748

**Email:** john.stephens@mq.edu.au

**Website:** <http://www.humanities.mq.edu.au/pgrad.html>

#### Program Structure

The program may be completed by coursework or by coursework and a dissertation.

#### By coursework

Candidates complete eight coursework units chosen from units offered in the Master of Arts in Children's Literature or other Master of Arts programs.

#### By coursework and dissertation

Candidates complete six coursework units and LIT844 Children's Literature Dissertation on a topic in children's literature determined in consultation with the course convenor.

### Postgraduate Diploma in Children's Literature

Admission requirements: A Bachelor degree with a relevant major eg English, Education, Early Childhood, Modern Languages. Consideration will also be given to applicants who can demonstrate that they have qualifications and expertise which will enable them to undertake the course successfully eg experience in teaching, writing, selecting or reviewing children's literature.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Professor John Stephens

**Tel:** (02) 9850 8748

**Email:** john.stephens@mq.edu.au

**Website:** <http://www.humanities.mq.edu.au/pgrad.html>

## Part Two – Postgraduate Study

### Program Structure

Candidates complete six coursework units chosen from those available.

*Units available for the Master of Arts and the Postgraduate Diploma in Children's Literature*

LIT844	Children's Literature Dissertation
LIT846	Sources of Children's Literature
LIT847	Development of Children's Literature
LIT848	Young Adult Fiction
LIT854	Narrative: Theory and Method
LIT855	Australian Children's Literature
LIT856	Picture Books
LIT859	Disney and the Folktale Canon
LIT860	Comedy in Children's Texts
LIT864	Children's Literature: Concepts and Theories

### Master of Arts in Creative Writing

The program is designed to enable creative writers to complete a substantial piece of work (or collection) in the context of more theoretical studies and interactive workshop seminars.

**Admission requirements:** Applicants should normally have a Bachelor degree, and should submit either evidence of previous publications or a folio of writing.

**Attendance:** Internal; part-time

**Length of candidature:** 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Marcelle Freiman

**Tel:** (02) 9850 6892

**Email:** marcelle.freiman@mq.edu.au

**Website:** <http://www.engl.mq.edu.au/macreat.htm>

### Program Structure

Candidates complete the following program:

LIT806	Literary Theory
CWPG810	Creative Writing Seminar I
CWPG811	Creative Writing Seminar II
CWPG812	Writing Project
CWPG815	Writing: Text and Context

or

Any 4 cp unit at MA level offered within the Master of Arts in English Literature or the Master of Arts in Children's Literature.

### Postgraduate Certificate in Creative Writing

The course enables students already engaged in creative writing to explore writing processes through interactive workshop seminars and to place them in the context of a particular body of knowledge.

**Admission requirements:** Applicants should normally have a Bachelor degree, and should submit either evidence of previous publications or a folio of writing.

**Attendance:** Internal; part-time

**Length of candidature:** 1 year part-time

**Commencement:** March

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Marcelle Freiman

**Tel:** (02) 9850 6892

**Email:** marcelle.freiman@mq.edu.au

**Website:** <http://www.engl.mq.edu.au/macreat.htm>

### Program Structure

Candidates complete the following program:

CWPG810	Creative Writing Seminar I
CWPG811	Creative Writing Seminar II
CWPG815	Writing: Text and Context

or

Any 4cp unit at MA level offered within the Master of Arts in English Literature or the Master of Arts in Children's Literature.

### Master of Arts in English Literature

**Admission requirements:** Applicants normally have a BA degree with a major in Literature.

Applicants with other degrees or majors may also be admitted.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time;

**Commencement:** March, July

**Program requirements:** 6 units plus project or 8 units (total 32 postgraduate credit points)

**Tuition fee 2004:** HECS

**Enquiries:** Mrs Helen Yardley

**Tel:** (02) 9850 8726

**Email:** helen.yardley@mq.edu.au

### Program Structure

This program may be completed by coursework or by coursework and a dissertation.

#### By Coursework

Candidates complete eight coursework units.

#### By Coursework and a project

Candidates complete six coursework units and LIT807 Research Topic.

*Units available for the Master of Arts in English Literature*

LIT801	Nineteenth Century Literature
LIT802	Shakespeare and the Renaissance
LIT803	Literary Discourse
LIT804	Twentieth Century Literature

## Handbook of Postgraduate Studies – 2004

LIT805	Gender and Genre
LIT806	Literary Theory
LIT807	Research Topic
LIT809	Special Study I
LIT810	Special Study II
LIT812	Text, Image, Screen
LIT815	Australian Women's Writing

### Master of Politics and Public Policy

The Master of Politics and Public Policy is designed to develop an understanding of the structure and processes of policy formulation and implementation from an Australian perspective. The units of the program are located within the context of political science. The program is appropriate for those who see a future as practitioners in public, voluntary or political work. It may also be useful preparation for those who intend further study and research in political science.

**Admission requirements:** A Bachelor degree and/or appropriate work experience. Applicants are also required to submit their curriculum vitae at the time of application.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1–2 years full-time, 2–3 years part-time

**Commencement:** March, July

**Course requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Sue Wills  
**Tel:** (02) 9850 8805  
**Fax:** (02) 9850 6064  
**Email:** swills@pip.hmn.mq.edu.au  
**Website:** www.pol.mq.edu.au/mpp/mpprog.html

### Program Structure

Candidates complete two core units and six electives.

#### Core

POL820	Politics and Policy: Theory and Applications
POL822	Research Methods

#### Electives

POL801	Public Policy Dissertation
POL825	Politics of Australian Health Policy
POL826	Gender and Policy
POL827	Public Policy and International Law
POL828	Policy-making and Public Opinion
POL831	Political Parties and Policy
POL833	Intergovernmental Relations
POL835	Internship Project
POL836	Public Policy and Accountability
POL856	Politics of Australian Communications Policy

Candidates may also select up to two units from those listed below:

ECON853	Economics of Public Issues
---------	----------------------------

HGEO800	Heritage Identification, Conservation and Sustainable Management
HGEO801	Globalisation and Sustainable Development
HGEO802	Social Impact Assessment and Cross Cultural Negotiation
IRPG840	The International System
IRPG841	Theory of International Relations
IRPG844	The Asian-Pacific Region and Australia
IRPG845	International Institutions
IRPG854	Conflict in the Pacific
SOC818	Evaluation and the Policy Process

Students with little familiarity with Australian political institutions may be required to complete an additional unit, POL892 Special Seminar – Topics in Australian Politics, at the beginning of their program. This unit introduces the main features of the Australian political system and compares them with the political features of other countries. It will not count for credit.

### Master of International Relations

The Master of International Relations is designed to develop an understanding of the institutions, issues and political, economic and legal processes of the international system. There is an emphasis on competing explanations of how these processes and institutions operate. In addition, it offers detailed study of these institutions, issues and processes in specific regions of the world. The four core units of the program and the IRPG optional studies are located within the discipline of International Relations. Further options, which have a strong international emphasis, are offered from other disciplines. The program is designed for those who wish to study international relations both out of interest and for career advancement in public, business, voluntary or political work. It may also help to prepare students for higher level tertiary study and research in international relations either through the completion of IRPG 846 as part of the MIR or as part of a subsequent Postgraduate Research Certificate.

**Admission requirements:** Students normally are required to have an undergraduate degree of acceptable academic merit (generally a GPA over 2.5) in an appropriate discipline. Other backgrounds might be considered in conjunction with relevant work experience

**Attendance:** Internal (external candidature available for core units and options as advised); full-time, part-time

**Length of candidature:** 1–2 years full-time, 2–3 years part-time

**Commencement:** March, July

**Course requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Ms Pinmuk (Angie) Wongboonyakul  
MIR Administrative Assistant

**Tel:** (02) 9850 7688  
**Fax:** (02) 9850 6064  
**Email:** mir@hmn.mq.edu.au

or  
 awong@pip2.hmn.mq.edu  
**Website:** http://www.pol.mq.edu.au/mir

### Program Structure

Candidates complete four core units and four elective units.

#### Core

IRPG840	The International System
IRPG841	Theory of International Relations
IRPG842	Politics of International Law
IRPG849	International Political Economy

#### Electives

ACCG835	International Accounting
ANTH804	Issues in Pacific Development
ANTH815	Issues in the Sociology of Development
ANTH821	Indigenous Interests and Identities
ANTH840	Refugees and Resettlement
BUS802	European Business
BUS851	Comparative Human Resource Management
BUSL851	International Commercial Law
ECON828	International Investment and Risk
ECON846	International Monetary Policy
ECON847	International Trade
ECON857	Economic Development and World Economic Order
ECON867	International Financial Management
ICOM812	Cross-cultural Communications
ICOM815	Communication and Power Paradigms
ICOM816	Communication and International Political Economy
ICOM821	Inter-Cultural Communication
ICOM892	International Public Relations and Advertising
ICOM895	Information Campaigns
LAW860	Transnational Environmental Law
MKTG801	International Marketing
IRPG830	The Politics of International Human Rights Law
IRPG831	The Politics, Law and Morality of International Political Violence
IRPG837	East Asia and the International Political Economy
IRPG838	International Internship Program
IRPG843	International Relations of the Middle East
IRPG844	The Asia-Pacific Region and Australia
IRPG845	International Institutions
IRPG846	Research Project
IRPG854	Conflict in the Pacific
IRPG855	Development, Globalisation and Nation State-Building in Africa

Candidates may also select a maximum of two elective units from the following list:

TRAN816	Theory and Practice in Translation
TRAN821	Interpreting Techniques
TRAN903	Language and Cultures in Contact
TRAN904	Cross-Cultural Pragmatics

### Master of International Relations and Master of Arts in International Communication

The Master of International Relations is designed to develop an understanding of the institutions, issues and political, economic and legal processes of the international system. There is an emphasis on competing explanations of how these processes and institutions operate. In addition, it offers detailed study of these institutions, issues and processes in specific regions of the world.

The Master of Arts in International Communication concerns itself with problems such as: how messages of “modernisation” are promoted to and received by audiences and how promotion of “modernisation” through communication strategies affects development in society and identity in the individual, international public relations; and issues such as international information flows.

Admission requirements: Students are required to have an undergraduate (Bachelor) degree of acceptable academic merit (usually a GPA of at least 2.5) in an appropriate discipline. Other backgrounds might be considered in conjunction with relevant work experience.

**Attendance:** internal; full-time, part-time

**Length of candidature:** 1–2 years full-time, 2–3 years part-time

**Commencement:** March, July

**Course requirements:** 12 units (48 postgraduate credit points)

**Tuition fee 2004:** \$290.00 per credit point

**Enquiries:** Ms Pinmuk (Angie) Wongboonyakul

**Tel:** (02) 9850 7688

**Fax:** (02) 9850 6064

**Email:** mir@hmn.mq.edu.au  
or

awong@pip2.hmn.mq.edu.au

**Website:** <http://www.pol.mq.edu.au/mir>

Ms Genevieve Freys

**Tel:** (02) 9850 7931

**Fax:** (02) 9850 9689

**Email:** genevieve.freys@scmp.mq.edu.au

#### Program Structure

Candidates complete seven core units and five elective units.

#### Core: International Relations

IRPG840	The International System
IRPG841	Theory of International Relations
IRPG842	International Law
IRPG849	International Political Economy

#### Core: International Communication

Candidates must complete one unit from each of the unit groups listed below.

#### Group A

ICOM811	Communication and Social, Economic and Political Development
---------	--

## Handbook of Postgraduate Studies – 2004

ICOM816	Communication & International Political Economy
ICOM817	Transnational Communication
Group B	
ICOM812	Cross-Cultural Communication
ICOM821	Intercultural Communication
Group C	
ICOM891	Communication Research Methodologies
ICOM818	Research Seminar in International Communication
ICOM828	Special Project

### Electives

Three units chosen from any ICOM postgraduate units, including those listed above which have not been previously completed as core units.

## Master of International Business and Master of International Relations

The Master of International Relations is designed to develop an understanding of the institutions, issues and political, economic and legal processes of the international system. There is an emphasis on competing explanations of how these processes and institutions operate. In addition, it offers detailed study of these institutions, issues and processes in specific regions of the world.

The Master of International Business is a modern business degree with a global outlook. The degree provides an opportunity to acquire contemporary knowledge and skills in core business disciplines taking an international focus. The degree promotes both depth and breadth in business studies through a program of core study in international accounting, finance, marketing and trade together with elective units chosen from a range of business disciplines including marketing and information technology.

**Admission requirements:** Bachelor degree in any discipline from a recognised university with a GPA of at least 2.70 (out of 4.00)

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5–2 years full-time

**Commencement:** March, July

**Program requirements:** 48 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Ms Pinmuk (Angie) Wongboonyakul

**Tel:** (02) 9850 7688

**Fax:** (02) 9850 6064

**Email:** mir@hmn.mq.edu.au  
or

awong@pip2.hmn.mq.edu.au

**Website:** <http://www.pol.mq.edu.au/mir>

Ms Elizabeth Lee

Postgraduate Executive Administrator  
Graduate Accounting and Commerce  
Centre

**Tel:** (02) 9850 9964

**Fax:** (02) 9850 9956

**Email:** elee@efs.mq.edu.au

## Program Structure

Candidates complete eight core units and four elective units.

### MIR Core

IRPG840	The International System
IRPG841	Theory of International Relations
IRPG842	Politics of International Law
IRPG849	International Political Economy

### MIB Core

ACCG835	International Accounting
ECON847	International Trade
ECON867	International Financial Management
MKTG801	International Marketing

### Electives

Two electives from MIB (Group A list only)

Two electives from MIR (POL units only)

## Postgraduate Certificate in Research Preparation (Humanities)

Many students complete a coursework degree without including a dissertation, and subsequently wish to undertake a Higher Degree by Research. This course is designed to allow students to upgrade their qualifications so that they will be eligible to apply for admission to HDR candidature in the Division of Humanities. The aim of the course is to provide supporting knowledge for and research training and experience in conducting independent research, leading to the completion of a minor dissertation (15,000-20,000 words).

**Admission requirements:** Four-year undergraduate degree; or Master level qualification with no dissertation component (or equivalent research experience), or with a minor dissertation component comprising less than 20 per cent of the total degree.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March, July

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Ms Vicki Brownless  
Postgraduate Administrator

**Tel:** (02) 9850 8762

**Fax:** (02) 9850 8240

**Email:** vicki.brownless@mq.edu.au

## Program Structure

Candidates complete one four credit point coursework unit, as specified by individual Departments within the Division of Humanities, plus an eight credit point dissertation. In some situations (eg where the 4cp unit is a language requirement) a prerequisite unit, and hence a program of 16cp, may be necessary.

*Ancient History**Coursework unit (one to be selected)*

- AHPG800 Historical Documents in Greek  
 AHPG801 Historical Documents in Latin  
 AHPG847 Introduction to Biblical Hebrew

*Research Unit*

- AHPG882 Ancient History Minor Research Project  
 (or AHPG883/884 Ancient History Minor  
 Research Project Part A&B)  
 ECJS882 Minor Research Project

*Egyptology**Coursework Unit*

- AHPG874 Middle Egyptian II

*Research unit*

- AHPG882 Ancient History Minor Research Project  
 (or AHPG883/884 Ancient History Minor  
 Research Project Part A&B)

*English**Coursework unit*

- LIT806 Literary Theory or  
 LIT809 Special Study I  
 LIT864 Children's Literature: Concepts and  
 Theories

*Research unit*

- LIT807 Research Topic (or LIT800/808 Research  
 Topic Part A&B)  
 LIT844 Children's Literature Dissertation  
 (or LIT843/LIT845 Children's Literature  
 Part A&B)

*Modern History**Coursework unit*

- MHPG844 History, Culture and Museum Studies or  
 MHPG912 World Historians

*Research unit*

- MHPG892 Modern History Minor Research Project  
 (or MHPG888/889 Modern History Minor  
 Research Project Part A&B)

*Politics and International Relations**Coursework unit*

- POL822 Research Methods Seminar  
 POL820 Politics and Policy: Theory and  
 Applications  
 IRPG840 The International System  
 IRPG841 International Relations Theory

*Research unit*

- IRPG846 Research Project

## Division of Information and Communication Sciences

### Research Programs

#### DEPARTMENT OF COMPUTING

Computing and information technology is a dynamic field and it is clear that it is and will be central to our economy and to our society. It drives many of today's innovations and offers enormous potential for further innovation and developments in the coming decades. Research in Computing and IT ranges from theoretical aspects to modelling and system design to applications and their analysis.

The Department of Computing has several areas of research strengths, the Microsoft Chair of Innovation in Computing, an independent research centre in Advanced Systems Engineering (JRCASE) and two divisional research centres: Centre for Natural Language Technology and the Centre For Advanced Computing in Algorithms and Cryptography. Current research areas include language technology, information and networked system security, information systems, distributed computing, systems and software engineering, algorithms and cryptography, quantum information and quantum computation, artificial intelligence and computational reasoning and logic programming, programming languages and category theory, databases, computer vision and biomedical systems. There is a great deal of collaboration with external organisations such as CSIRO, Microsoft, Arnott Biscuits, NAIST (Japan), Royal North Shore Hospital, Telstra, Acer, IBM, Sun Microsystems, NSW Department of Health, Unisys and Philips.

**Enquiries:** Associate Professor Bernard Mans  
E6A Room 374

**Tel:** (02) 9850 9574

**Fax:** (02) 9850 9551

or

Department Secretary

E6A Room 314

**Tel:** (02) 9850 9514

**Email:** [comp-query@ics.mq.edu.au](mailto:comp-query@ics.mq.edu.au)

**Websites:** <http://www.comp.mq.edu.au/>

<http://www.ro.mq.edu.au/HDRU/>

#### DEPARTMENT OF ELECTRONICS

Electronics is a rapidly evolving field that continues to provide major advances affecting virtually all aspects of modern living. Electronic and photonic technologies are the foundation for telecommunication and information systems.

At Macquarie University, the research programs in electronics are underpinned by world-class expertise in the

## Handbook of Postgraduate Studies – 2004

key technologies of microelectronics, microwave devices, linear and nonlinear guided-wave optics and photonics, electromagnetics and antennas, error-control coding, network performance analysis, speech processing and recognition, and large-scale electronic system design and communication system technologies.

The research is balanced between short-term strategic R&D and long-term basic research. Major funded research programs include microwave transistor characterisation, technology-independent intellectual property development for integrated circuits, broadband wireless networks, microstructured optical fibres and guided-wave optical devices for broadband optical signal processing, optical fibre lasers, antenna design and development for mobile applications, and photonic crystal based devices for microwave and optical signal processing.

Research funding and support for these projects has been attracted from Australian Research Council competitive grants, other government agencies, and local and overseas industry. Research is also conducted in association with University-based research centres (the Centre for Language Technology, and the Centre for Lasers and Applications) and with the CSIRO Division of Telecommunications and Industrial Physics, which is situated close to the Macquarie campus.

### Departmental facilities

The Department has a microwave laboratory equipped for electronic device and antenna characterization and development to 50GHz, and a fibre optics and photonics laboratory equipped for electro-optic device characterization to 20GHz and for broadband linear and nonlinear fibre optics and associated research and development. The Department is one of very few in Australia providing access to industry-standard software for microelectronic design.

Additionally, through the ICS Division the Department has access to excellent workshop support facilities, a cleanroom for microelectronic and optical device fabrication, and a high power femtosecond laser facility for precision micromachining.

**Enquiries:** Associate Professor Graham Town  
E6A Room 231  
**Tel:** (02) 9850 9063  
**Fax:** (02) 9850 9128  
or  
Department Secretary  
E6A Room 225  
**Tel:** (02) 9850 9148  
**Websites:** <http://www.elec.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF MATHEMATICS

The major research interests in the Mathematics Department are in number theory, functional analysis and partial differential equations, category theory, harmonic analysis, and mathematical physics and applied mathematics.

| 192

Professor Paul Smith leads the research group in applied mathematics. The group's interests include: the scattering and diffraction of waves, theoretical and numerical methods in modelling and analysis of wave phenomena, inverse scattering with applications to image reconstruction, remote sensing, ultrasonic imaging and the development of a radar for the detection of landmines. The group also has interests in non-linear dynamics and applications to complex and chaotic behaviour.

Macquarie University has a substantial group of number theorists. The group is supported by a variety of grants from the ARC and MURG schemes, enabling visits by a number of international number theorists every year. The Number Theory Seminar meets regularly on Monday afternoons, often taking advantage of the presence of the Mathematics Colloquium speaker.

The Category Theory Group at Macquarie is led by Professor Ross Street and jointly organises with Sydney University, the Australian Category Seminar. This consists of two talks each week with the Wednesday afternoon venue alternating between Macquarie and Sydney Universities, but also attended by Australian mathematicians and international visitors. The group is supported by two ARC Large Grants, administered by Macquarie, and shared with Sydney University colleagues, as well as a number of small grants. The group is the home of the Centre of Australian Category Theory (CoACT) which supports a number of postgraduate research fellows and research students.

**Website:** <http://maths.mq.edu.au/~street/CoACT.html>

The Analysis Group at Macquarie University receives visits from many distinguished mathematicians, and runs a seminar series with participants including mathematicians from other Sydney universities, CSIRO and Honorary Associates. An ARC grant supports investigations in analysis.

The list of the broad research areas in the Department and the academic staff associated with them are listed on the web.

**Enquiries:** Dr Bon Clarke  
E7A Room 304  
**Tel:** (02) 9850 8919  
**Fax:** (02) 9850 8114  
or  
Department Secretary  
E7A Room 414  
**Tel:** (02) 9850 8947  
**Websites:** <http://www.maths.mq.edu.au/>  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF PHYSICS

The Department of Physics offers MSc and PhD degrees by research. The major research interests of the Department lie in the areas of astronomy and astrophysics, biophysics, laser and optical physics, atomic and molecular physics, quantum science and technology, UV/VUV plasma sources and the physics of semicon-

ductors and materials. Research within the Department is supported by a variety of external and internal grants. The Department hosts the Special Research Centre for Lasers and Applications, and components of two ARC-funded Centres of Excellence - a node for the Centre for Ultrahigh-bandwidth Devices for Optical Systems, and a program of the Centre for Quantum Computer Technology.

The Department houses excellent research laboratories for laser, optical and materials physics. Major facilities include an excimer laser facility, 3-D optical surface profiler, femtosecond laser micromachining facility, and an optical microcharacterisation facility. Research in astronomy is conducted using national and international facilities; the Department also maintains the Macquarie University Observatory.

Members of the Department maintain strong links with other research groups within Australia and internationally. In addition, direct contacts with local industry permit students to conduct their research in an industrial setting. Students' research projects may also be co-supervised by astronomers at the Anglo-Australian Observatory and the Australia Telescope National Facility, both of which have headquarters nearby.

Areas of astronomical and astrophysical research include active stars and pulsars, proper motion studies, wide-field astronomy, H surveys, planetary nebulae, and theoretical studies of star formation and the interstellar medium.

Research in laser and optical physics spans theory, non-linear optics, atomic and molecular physics, development of laser sources, the fabrication and characterization of microstructured materials and devices. Applications in science, industry, medicine and the environment include dental procedures and microsurgery, high-speed imaging, laser machining, new light sources, spectroscopic sensing, and innovative photonics devices. Research on the physics of semiconductors and materials ranges from the fundamental physics of condensed matter and materials, properties of real materials, and applications to electronic device fabrication for optoelectronics, communications and high-frequency signal-processing.

Research in quantum science and technology is directed towards fundamental science and likely future technologies: quantum networks, information, cryptography, teleportation, and communication; cavity quantum electrodynamics, photonic crystals, and dynamics of open quantum systems. The broad research areas in the Department and the associated academic staff are listed on the website.

**Enquiries:** Dr Mark Wardle  
E7A Room 214  
**Tel:** (02) 9850 8909  
**Fax:** (02) 9850 8115  
or  
Department Secretary  
E7A Room 218  
**Tel:** (02) 9850 8912  
**Websites:** <http://www.physics.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

## Coursework Programs

### Master of Information Technology

The Master of Information Technology program provides candidates with the opportunity to strengthen their understanding of underlying principles by applying them to practical, industrially focused problems. Flexibility to specialise is a key feature of the Master of Information Technology program. Candidates can choose a coherent pattern of core, stream and elective units to form a specialisation in Internetworking, Information Systems, Software Engineering, Web Technologies. If a broader approach is preferred, candidates can opt to design their own program across the wide selection of units available. Knowledge and skills gained in the coursework units for the Masters of Information Technology are consolidated and harnessed in the project unit in a leading edge topic.

#### *Internetworking*

This specialisation provides candidates with a thorough grounding in both theoretical and practical aspects of network systems design, implementation and management. Topics include the fundamentals of networking protocols and distributed systems, system security, underlying networking technologies, mobile IP, high performance networking, distributed programming for internet applications and network management.

#### *Information Systems*

The information systems discipline lies at the confluence of the technical, managerial and social sciences. This program is designed to provide candidates with an understanding of the role of information technology in the enterprise, and with a strong technical understanding of the systems applied in that context. Topics covered include project management, product development, databases and knowledge systems, e-commerce systems, application integration and enterprise management.

#### *Software Engineering*

This specialisation provides a thorough grounding in the analysis, design and development of software artifacts. Topics covered include formal specification methodologies, software testing and validation techniques, software development models, human computer interaction and advanced programming.

#### *Web Technologies*

This specialisation is devoted to providing candidates with a thorough understanding of the technologies that underlie the Internet. It concentrates on recent trends in web technology and client server computing, including topics such as advanced web programming, document computing, transaction processing, push and pull technologies, distributed systems programming, web standards, web security, application integration and web services. Technologies covered include HTML, XML, XSLT, Java, JavaScript, PHP, ASP, .NET and SOAP.

**Admission requirements:** Candidates must possess one of the following: an undergraduate degree in an ICT

## Handbook of Postgraduate Studies – 2004

related discipline from an Australian university (or equivalent); an undergraduate degree in a broader science or business discipline from an Australian university (or equivalent) which involved a substantial practical or theoretical computing component; a graduate diploma in an ICT discipline from an Australian university (or equivalent) which, in the view of the Program Director, provides an adequate technical foundation in programming and database systems; an undergraduate degree and at least three years experience, at a technical or managerial level, in the ICT sector or in an ICT capacity in another industry.

Where admission is made on the basis of an undergraduate degree or graduate diploma alone, candidates will be expected to demonstrate a GPA attainment of 2.75 or better in that degree.

All candidates must be able to demonstrate strong skill in at least one programming language. Where this experience is not clearly evidenced by prior study, candidates may be asked to complete a practical assignment and attend an interview before being accepted into the program. All candidates who wish to have their work experience considered as part of their application must include a detailed curriculum vitae with their application, detailing relevant work history and projects they have been involved in. Work references may be included to support this evidence. This is particularly relevant to students who have not gained an undergraduate degree in an ICT discipline. In some cases, candidates with a general degree and no industry experience may be admitted on the basis of demonstrated advanced programming skills and experience alone. Candidates without formal computing in their bachelor degree may also support their application for entry through completion of our Qualifying Program. Successful completion of the Qualifying Program does not guarantee entry, and candidates considering enrolling in the Qualifying Program should seek our advice first.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Course requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Postgraduate Professional Development Programs in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** [pginfo@ics.mq.edu.au](mailto:pginfo@ics.mq.edu.au)

**Website:** <http://www.ics.mq.edu.au/ppdp>

### Program Structure

Candidates who intend to complete a specialisation undertake two core units, three specialist stream units and two elective units. Students may also choose to formulate an unspecified degree program for themselves by selecting core, stream and elective units from amongst those available across the streams. All student programs are subject to approval by the Program Director. All students

must complete a project unit, typically 4 credit points, in addition to their core, stream and elective units. Students accepted into the 8 credit point project unit are required to complete one elective only.

Candidates must maintain a GPA of 2.75 in the first 16 credit points of their program in order to progress to the remaining 16 credit points. Students who do not achieve a GPA of 2.75 in their first 16 credit points of study will not be permitted to proceed to the remaining 16 credit points. They may instead be considered for the award of the Postgraduate Diploma in Information Technology, providing they have met all of the requirements for that award.

### Postgraduate Diploma in Information Technology

The Postgraduate Diploma in Information Technology provides the opportunity to strengthen understanding of the underlying principles by applying them to practical, industrially focused problems. Flexibility to specialise is a key feature of the program. Students can choose a coherent pattern of core, stream and elective units to form a specialisation in Web Technologies, Software Engineering, Internetworking or Information Systems. If a broader approach is preferred, students can opt to design their own program across our wide selection of units instead of specialising.

For more information about the specialist streams in Web Technologies, Software Engineering, Internetworking or Information Systems, please refer to the Master of Information Technology section of this booklet.

**Admission requirements:** Candidates must possess one of the following: an undergraduate degree in an ICT related discipline from an Australian university (or equivalent); an undergraduate degree in a broader science or business discipline from an Australian university (or equivalent) which involved a substantial practical or theoretical computing component; a graduate diploma in an ICT discipline from an Australian university (or equivalent) which, in the view of the Program Director, provides an adequate technical foundation in programming and database systems; an undergraduate degree and at least three years of experience, at a technical or managerial level, in the ICT sector or in an ICT capacity in another industry.

Where admission is made on the basis of a undergraduate degree or graduate diploma alone, candidates will be expected to demonstrate a GPA attainment of 2.75 or better in that degree.

All candidates must be able to demonstrate strong skill in at least one programming language.

Where this experience is not clearly evidenced by prior study, candidates may be asked to complete a practical assignment and attend an interview before being accepted into the program.

All candidates who wish to have their work experience considered as part of their application must include a

detailed Curriculum Vitae with their application, detailing relevant work history and projects they have been involved in. Work references may be included to support this evidence. This is particularly relevant to students who have not gained an undergraduate degree in an ICT discipline. In some cases, candidates with a general degree and no industry experience may be admitted on the basis of demonstrated advanced programming skills and experience alone. Candidates without formal computing in their bachelor degree may also support their application for entry through completion of our Qualifying Program. Successful completion of the Qualifying Program does not guarantee entry, and candidates considering enrolling in the Qualifying Program should seek our advice first.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

Course requirements: 16 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Postgraduate Professional Development Programs in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** [pginfo@ics.mq.edu.au](mailto:pginfo@ics.mq.edu.au)

**Website:** <http://www.ics.mq.edu.au/ppdp>

### Program Structure

Candidates who intend to complete a specialisation undertake one core unit and two stream units from the appropriate stream, as well as one elective unit. Students may also choose to formulate an unspecialised degree program for themselves by selecting core, stream and elective units from amongst those available across the streams. All student programs are subject to approval by the Program Director.

Students who meet the entry requirements for the Master of Information Technology program whilst enrolled in the Postgraduate Diploma may apply for entry to the Masters program, and receive full credit for all units completed in the Postgraduate Diploma, upon admission to the Masters program. A GPA of 2.75 must be achieved in the Postgraduate Diploma in order to progress to the remaining 16 credit points of the Masters of Information Technology.

#### Units available for the Master of and Postgraduate Diploma in Information Technology

##### Internetworking

###### Core

ITEC802	Object Oriented Technology
ITEC803	Computer Networks

###### Stream

ITEC801	Introduction to Distributed Systems
ITEC831	Advanced Internet Programming
ITEC850	Network Management
ITEC851	Networking Technologies

ITEC852 System and Network Security

ITEC853 Advanced Network Concepts

##### Information Systems

###### Core

ITEC800	The Software Development Process
ITEC802	Object Oriented Technology

###### Stream

ITEC820	Software Development Methods, Tools and CASE
ITEC832	Application Integration
ITEC841	Project and Risk Management
ITEC842	Enterprise Management
ITEC843	Research and Development Practice and Management

ITEC852 System and Network Security

ITEC870 Databases Database Applications Development

ITEC871 Information Systems Design and Management

##### Software Engineering

###### Core

ITEC800	The Software Development Process
ITEC802	Object Oriented Technology

###### Stream

ITEC820	Software Development Methods, Tools and CASE
ITEC821	Requirements Engineering
ITEC822	Advanced Programming in Software Engineering
ITEC823	Advanced Design and Programming Techniques
ITEC824	Software Development for Handheld and Mobile Devices
ITEC832	Application Integration
ITEC841	Project and Risk Management

##### Web Technologies

###### Core

ITEC801	Introduction to Distributed Systems
ITEC802	Object Oriented Technology

###### Stream

ITEC824	Software Development for Handheld and Mobile Devices
ITEC830	XML Technologies
ITEC831	Advanced Internet Programming
ITEC832	Application Integration
ITEC833	Web Server Technologies and Web Services
ITEC870	Database Applications Development

##### Electives

Elective units may be chosen from any of the non-core Master of Information Technology units. Students may seek approval from the Program Director to undertake other units from within the University.

##### Project Units

The project units are available to Masters students only.

## Part Two – Postgraduate Study

## Handbook of Postgraduate Studies – 2004

A 4 credit point project unit (ITEC810) in a leading edge topic is undertaken. Students who have excelled in their first 16 credit points of study may be offered the opportunity to engage in a more involved 8 credit point design, development or research project unit (ITEC811) with one of our industry partners (please note that this option is still subject to approval).

### Master of Technology (Software Engineering)

The Master of Technology in Software Engineering is designed to take advantage of Macquarie's strong industry links. The program is for students currently employed in the industry, and presents candidates with an environment of academic excellence and industrial focused expertise. Students can expect to develop a highly detailed understanding of the theoretical, practical, academic and industrial facets of Software Engineering Technology. Knowledge and skills gained in the program are strengthened and exercised in the real-world industrial project, undertaken with the sponsorship of your employer.

**Admission requirements:** A Bachelor degree in Engineering, Technology or Applied Science with at least 12 months relevant industry experience at a level appropriate to the intended specialisation (in certain circumstances graduates in Science may be admitted). Employment in a technical capacity, at an appropriate level, in an organisation willing to give support for the Industrial Project. Details of relevant work experience and a work reference confirming the organisational support should be included with all applications.

**Attendance:** Internal, part-time

**Length of candidature:** 3 years part-time

**Commencement:** March, July

**Program requirements:** 48 postgraduate credit points

**Tuition Fee 2004:** \$380.00 per credit point

**Enquiries:** Postgraduate Professional Development Programs in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** [pginfo@ics.mq.edu.au](mailto:pginfo@ics.mq.edu.au)

**Website:** <http://www.ics.mq.edu.au/ppdp>

#### Program Structure

Students undertake five core units, 12 credit points in elective units and 16 credit points in industrial project units. Elective units are to be selected in consultation with an academic advisor. All student programs are subject to approval by the Program Director.

### Postgraduate Diploma in Technology (Software Engineering)

The Postgraduate Diploma in Technology in Software Engineering comprises the coursework component of the Master of Technology. The program is for students currently employed in the industry, and presents candidates

with an environment of academic excellence and industrial focused expertise. Students can expect to develop a highly detailed understanding of the theoretical, practical, academic and industrial facets of Software Engineering Technology.

**Admission requirements:** A Bachelor degree in Engineering, Technology or Applied Science with at least 12 months relevant industry experience at a level appropriate to the intended specialisation. In certain circumstances graduates in Science may be admitted. Details of relevant work experience should be included with all applications.

**Attendance:** Internal, part-time

**Length of candidature:** Minimum of 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Postgraduate Professional Development Programs in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** [pginfo@ics.mq.edu.au](mailto:pginfo@ics.mq.edu.au)

**Website:** <http://www.ics.mq.edu.au/ppdp>

#### Program Structure

Students undertake five core units (20 credits points) and an additional 12 credit points in elective units. Elective units are chosen in consultation with an academic advisor. All student programs are subject to approval by the Program Director.

### Postgraduate Certificate in Technology

This Postgraduate Certificate is a subset of the Master of Technology program, and allows students to undertake a program of multi-disciplinary, postgraduate, post-experience study but entails a lesser commitment than that required for either the Diploma or Master program.

**Admission requirements:** A Bachelor degree in Engineering, Technology or Applied Science and at least 12 months of prior relevant work experience appropriate to the coursework chosen. In certain circumstances graduates in Science may be admitted. Details of relevant work experience should be included with all applications.

**Attendance:** Internal, part-time

**Length of Candidature:** No specific length of candidature applies. Each candidate will be informed of satisfactory progress according to their selection of units.

**Commencement:** March, July

**Course requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$380.00 per credit point

**Enquiries:** Postgraduate Professional Development Programs in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** [pginfo@ics.mq.edu.au](mailto:pginfo@ics.mq.edu.au)

## Part Two – Postgraduate Study

**Website:** <http://www.ics.mq.edu.au/ppdp>

### Program Structure

Candidates complete two core units and an additional 8 postgraduate credit points in elective units.

Units available for the Master of, Postgraduate Diploma and Postgraduate Certificate in Technology

#### Core

ITEC800	The Software Development Process
ITEC820	Software Development Methods, Tools and CASE
ITEC841	Project and Risk Management
ITEC843	Research and Development Practice and Management

Masters and Postgraduate Diploma students choose one of:

ITEC842	Enterprise Management
ITEC871	Information Systems Design and Management

#### Electives

ITEC802	Object Oriented Technology
ITEC821	Requirements Engineering
ITEC822	Advanced Programming in Software Engineering
ITEC823	Advanced Design and Programming Techniques
ITEC824	Software Development for Handheld and Mobile Devices
ITEC870	Database Applications Development

Elective units may also be chosen from any of the non-project Information Technology units. Students may seek approval from the Program Director to undertake other units from within the university.

#### Project units (Masters only)

TECH890	Industrial Project – Part 1
TECH891	Industrial Project – Part 2

Qualifying Program for Postgraduate Programs in Information Technology

Candidates without formal computing study in their bachelor degree may undertake a qualifying program to support their application for entry to the postgraduate programs in Information Technology. The qualifying program consists of two approved second-year undergraduate computing units, and will not be counted towards any postgraduate degree.

An applicant who successfully completes the qualifying Program with a GPA over 2.75 will then be considered for the Masters Program.

#### Approved Qualifying Program Units for 2004

The qualifying program units are provided by the Department of Computing. More information on these units may be gained from their website at <http://www.comp.mq.edu.au>.

COMP224	Database Systems
COMP225	Algorithms and Data Structures
COMP226	Computer Architecture

COMP227 Requirements Analysis and Systems Design

COMP238 Numerical Computing

COMP248 Introduction to Natural Language Processing

COMP249 Web Technology

**Enquiries:** Postgraduate Professional Development Programs in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** [pginfo@ics.mq.edu.au](mailto:pginfo@ics.mq.edu.au)

**Website:** <http://www.ics.mq.edu.au/ppdp>

## Division of Law

### Research Programs

The Division of Law consists of the Department of Law, the Centre for Environmental Law and the Department of Business Law.

The Department of Law and the Centre for Environmental Law each emphasise an interdisciplinary approach to the study of law continuing a tradition established in the law school from the time of its foundation in 1974. The teaching of technical law to prospective lawyers is combined with a critical approach to legal materials, from a broad range of interdisciplinary perspectives including philosophy, history, varieties of post-modern theory, anthropology and politics. The Department of Business Law specialises in business, company and taxation law.

Macquarie University's Law Library occupies the fourth floor of the central library building. The holdings of journals and texts are extensive with specialist law library staff providing support and assistance to research candidates. Individual desks, group study rooms and computerised information retrieval services are readily available. Library staff conduct research-skills units for candidates and, in conjunction with the Law Division staff, offer research training on networked work stations. Candidates have access to computerised databases of periodicals, including law, economics, the social sciences and the humanities. Because the Library is fully integrated, candidates can pursue interdisciplinary research effectively, in a manner not available in separate discipline libraries. As much of the study of law at Macquarie is interdisciplinary, this represents a considerable advantage to candidates.

In addition to an array of research degrees at doctoral and masters levels, the Division of Law offers postgraduate coursework programs of study, details of which are found in the *Postgraduate Courses Law* booklet.

**Enquiries:** Ms Susan Wards  
**Tel:** (02) 9850 7930  
**Email:** susan.wards@mq.edu.au  
 or  
 Ms Vijaya Nagarajan  
**Tel:** (02) 9850 7911  
**Email:** vij.nagarajan@law.mq.edu.au  
**Websites:** <http://www.law.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

### Current research

The Division has a teaching staff of 36 whose interests are wide-ranging. In general their interests reflect a commitment to viewing the operation of the law and legal system in its total social, economic and political context. All staff have published widely and in a broad range of subject areas. The list of Law permanent staff and current

research interests listed on the website will help intending candidates to make decisions as to supervisors.

### Coursework Programs

#### Master of Laws in Environmental Law

The Master of Laws in Environmental Law is designed to meet the needs of lawyers working in the area of environmental law, or those who wish to do so, and for persons seeking to extend their understanding of issues in environmental regulation.

**Admission requirements:** A Bachelor degree in law

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** [www.law.mq.edu.au](http://www.law.mq.edu.au)

#### Program Structure

Candidates complete one core unit, two elective units and a 35,000 word dissertation; or one core unit, three elective units and a 20,000 word dissertation. Topics for the dissertation may be drawn from any area of environmental law and policy for which the candidate has appropriate qualifications.

#### Core

LAW811 Environmental Law and Ethics (introductory and core unit) (prerequisite to all units except LAW806 International Environmental Law)

#### Elective

LAW804 Heritage Law and Policy  
 LAW806 International Environmental Law  
 LAW807 Local Government Law  
 LAW808 Environmental Litigation and Mediation  
 LAW814 Environmental Law and Corporate Regulation  
 LAW815 Planning Law  
 LAW816 Trade and Environment Law  
 LAW817 Comparative Environmental Law  
 LAW818 Biodiversity Law  
 LAW819 Comparative Indigenous Environmental Law and Management  
 LAW826 Marine Environmental Law and Policy  
 LAW828 Law, Globalisation and Cultural Transformations  
 LAW845 Pollution and Environmental Regulation  
 LAW878 Environmental Law and Policy Clinic

## Part Two – Postgraduate Study

*Dissertation units*

LAW810	Legal Research Dissertation (20,000 words)
LAW809	Legal Research Dissertation (35,000 words)
or	
LAW846	Legal Research Dissertation (Part A) and
LAW847	Legal Research Dissertation (Part B)

**Master of Laws in International Environmental Law**

The Master of Laws in International Environmental Law is designed to meet the needs of lawyers working in the area of international environmental law, or those who wish to do so, and for persons seeking to extend their understanding of issues in international environmental regulation.

**Admission requirements:** A Bachelor degree in law

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** for course, \$350.00 per postgraduate credit point

**Enquiries:** Susan Wards  
**Tel:** (02) 9850 7930  
**Fax:** (02) 9850 7686  
**Email:** susan.wards@mq.edu.au  
**Website:** www.law.mq.edu.au

*Program Structure*

Candidates complete two core units, one elective unit and 35,000 word dissertation; or two core units, two elective units and a 20,000 word dissertation.

*Core*

LAW806	International Environmental Law
LAW811	Environmental Law and Ethics

*Electives*

LAW804	Heritage Law and Policy
LAW814	Environmental Law and Corporate Regulation
LAW816	Trade and Environment Law
LAW817	Comparative Environmental Law
LAW818	Biodiversity Law
LAW819	Comparative Indigenous Environmental Law and Management
LAW826	Marine Environmental Law and Policy
LAW828	Law, Globalisation and Cultural Transformations
LAW878	Environmental Law and Policy Clinic

*Dissertation*

LAW810	Legal Dissertation (20,000 words)
LAW809	Legal Research Dissertation (35,000 words)
or	
LAW846	Legal Research Dissertation (Part A) and
LAW847	Legal Research Dissertation (Part B)

**Master of Environmental Law**

The Master of Environmental Law is available to both lawyers and non-lawyers and is designed to meet the needs of business persons, environmental consultants, workers in the resource sector and lawyers working in the environmental law and government law area, or those who wish to do so.

**Admission requirements:** A Bachelor degree.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$350.00 per postgraduate credit point

**Enquiries:** Susan Wards  
**Tel:** (02) 9850 7930  
**Fax:** (02) 9850 7686  
**Email:** susan.wards@mq.edu.au  
**Website:** www.law.mq.edu.au

*Program Structure*

Candidates complete one core unit, five elective units and a 20,000 word dissertation; or one core unit and seven elective units. Topics for the Masters dissertation may be drawn from any area of environmental law and policy for which the candidate has appropriate qualifications.

**Postgraduate Diploma in Environmental Law**

The Postgraduate Diploma in Environmental Law is available to both lawyers and non-lawyers and is designed to meet the needs of business persons, environmental consultants, workers in the resource sector and lawyers working in the environmental law and government law area, or those who wish to do so.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$350.00 per postgraduate credit point

**Enquiries:** Susan Wards  
**Tel:** (02) 9850 7930  
**Fax:** (02) 9850 7686  
**Email:** susan.wards@mq.edu.au  
**Website:** www.law.mq.edu.au

*Program Structure*

Candidates complete one core unit and five elective units.

**Postgraduate Certificate in Environmental Law**

The Postgraduate Certificate in Environmental Law is available to both lawyers and non-lawyers and is

## Handbook of Postgraduate Studies – 2004

designed to meet the needs of business persons, environmental consultants, workers in the resource sector and lawyers working in the environmental law and government law area, or those who wish to do so.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year part-time

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

### Program Structure

Candidates complete one core unit and three elective units.

Units of Study available for the Master of and Postgraduate Diploma and Postgraduate Certificate in Environmental Law

#### Core

LAW855 Environmental Law and Ethics (the introductory and core unit)  
(prerequisite to all units except LAW860 International Environmental Law)

#### Electives

LAW850 Environmental Law and Corporate Regulation  
LAW851 Planning Law  
LAW852 Trade and Environment Law  
LAW853 Comparative Environmental Law  
LAW856 Environmental Economics  
LAW857 Environmental Litigation and Mediation  
LAW858 Pollution and Environmental Regulation  
LAW859 Heritage Law and Policy  
LAW860 International Environmental Law  
LAW861 Local Government Law  
LAW865 Biodiversity Law  
LAW866 Comparative Indigenous Environmental Law and Management  
LAW867 Marine Environmental Law and Policy  
LAW869 Law, Globalisation and Cultural Transformations  
LAW879 Environmental Law and Policy Clinic

#### Dissertation

LAW862 Legal Research Dissertation  
or  
LAW863 Legal Research Dissertation (Part A) and  
LAW864 Legal Research Dissertation (Part B)

## Master of International Environmental Law

The Master of International Environmental Law is available to both lawyers and non-lawyers and is designed to meet the needs of business persons, environmental consultants, workers in the resource sector and lawyers working in the environmental law and government law area, or those who wish to do so. This degree will be particularly useful in providing international and comparative studies across a wide range of environmental law. There is also a unique opportunity for students to obtain a double Masters degree with the Master of International Relations over an 18 month period of full time study.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

### Program Structure

Candidates complete two core units and six elective units; or two core units, four elective units and a dissertation.

#### Core

LAW855 Environmental Law and Ethics  
LAW860 International Environmental Law

#### Electives

LAW850 Environmental Law and Corporate Regulation  
LAW852 Trade and Environment Law  
LAW853 Comparative Environmental Law  
LAW859 Heritage Law and Policy  
LAW865 Biodiversity Law  
LAW866 Comparative Indigenous Environmental Law and Management  
LAW867 Marine Environmental Law and Policy  
LAW869 Law, Globalisation and Cultural Transformations  
LAW879 Environmental Law and Policy Clinic  
POL837 East Asia and the International Political Economy  
POL840 The International System  
POL841 Theory of International Relations  
POL842 Politics of International Law  
POL845 International Institutions  
POL849 International Political Economy

#### Dissertation

LAW862 Legal Research Dissertation  
or

## Part Two – Postgraduate Study

LAW863 Legal Research Dissertation (Part A) and  
LAW864 Legal Research Dissertation (Part B)

Candidates are permitted to complete a maximum of two politics (POL) units towards the Master of International Environmental Law. Postgraduate Diploma in International Environmental Law

The Postgraduate Diploma in International Environmental Law is available to both lawyers and non-lawyers and is designed to meet the needs of business persons, environmental consultants, workers in the resource sector and lawyers working in the environmental law and government law area, or those who wish to do so. This diploma will be particularly useful in providing international and comparative studies across a wide range of environmental law.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

### Program Structure

Candidates complete two core units and four elective units.

### Postgraduate Certificate in International Environmental Law

The Postgraduate Certificate in International Environmental Law is available to both lawyers and non-lawyers and is designed to meet the needs of business persons, environmental consultants, workers in the resource sector and lawyers working in the environmental law and government law area, or those who wish to do so. This certificate will be particularly useful in providing international and comparative studies across a wide range of environmental law.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 year full-time; 1 year part-time

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7950

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

### Program Structure

Candidates complete two core units and two elective units.

Units available for the Postgraduate Diploma and Postgraduate Certificate in International Environmental Law

#### Core

LAW855 Environmental Law and Ethics

LAW860 International Environmental Law

#### Elective

LAW850 Environmental Law and Corporate Regulation

LAW852 Trade and Environment Law

LAW853 Comparative Environmental Law

LAW859 Heritage Law and Policy

LAW865 Biodiversity Law

LAW866 Comparative Indigenous Environmental Law and Management

LAW867 Marine Environmental Law and Policy

LAW869 Law, Globalisation and Cultural Transformations

LAW879 Environmental Law and Policy Clinic

### Master of Environmental and Local Government Law

The Master of Environmental and Local Government Law is available to both lawyers and non-lawyers and is designed to meet the needs of local government personnel and planners, public administrators, business persons, workers in the resource sector and lawyers working in the environmental law and government law area, or who wish to do so.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

### Program Structure

Candidates complete two core units, four elective units and a research dissertation; or two core units and six elective units. Topics for the Masters dissertation may be drawn from any area of environmental law and policy for which the candidate has appropriate qualifications.

## Handbook of Postgraduate Studies – 2004

### Postgraduate Diploma in Environmental and Local Government Law

The Postgraduate Diploma in Environmental and Local Government Law is available to both lawyers and non-lawyers and is designed to meet the needs of local government personnel and planners, public administrators, business persons, workers in the resource sector and lawyers working in the environmental law and government law area, or who wish to do so.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

#### Program Structure

Candidates complete two core units and four elective units.

### Postgraduate Certificate in Environmental and Local Government Law

The Postgraduate Certificate in Environmental and Local Government Law is available to both lawyers and non-lawyers and is designed to meet the needs of local government personnel and planners, public administrators, business persons, workers in the resource sector and lawyers working in the environmental law and government law area, or who wish to do so.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 year full-time; 1 year part-time

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

#### Program Structure

Candidates complete two core units and two elective units.

Units of Study available for the Master of and Postgraduate Diploma and Postgraduate Certificate in Environmental and Local Government Law

#### Core

LAW855 Environmental Law and Ethics (introductory and core unit)

(prerequisite to all other units except LAW860 International Environmental Law)

LAW861 Local Government Law

#### Elective

LAW850 Environmental Law and Corporate Regulation

LAW851 Planning Law

LAW852 Trade and Environment Law

LAW853 Comparative Environmental Law

LAW856 Environmental Economics

LAW857 Environmental Litigation and Mediation

LAW858 Pollution and Environmental Regulation

LAW859 Heritage Law and Policy

LAW860 International Environmental Law

LAW865 Biodiversity Law

LAW866 Comparative Indigenous Environmental Law and Management

LAW867 Marine Environmental Law and Policy

LAW869 Law, Globalisation and Cultural Transformations

LAW879 Environmental Law and Policy Clinic

#### Dissertation

LAW862 Legal Research Dissertation

or

LAW863 Legal Research Dissertation (Part A) and

LAW864 Legal Research Dissertation (Part B)

### Master of International Trade and Commerce Law

The Master of International Trade and Commerce Law is available to both lawyers and non-lawyers and is designed to meet the needs of persons with an interest in business, international business, environmental and commercial law.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

#### Program Structure

Candidates complete eight units.

## Part Two – Postgraduate Study

**Postgraduate Diploma in International Trade and Commerce Law**

The Postgraduate Diploma in International Trade and Commerce Law is available to both lawyers and non-lawyers and is designed to meet the needs of persons with an interest in business, international business, environmental and commercial law.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

**Program Structure**

Candidates complete six units.

Postgraduate Certificate in International Trade and Commerce Law

The Postgraduate Certificate in International Trade and Commerce Law is available to both lawyers and non-lawyers and is designed to meet the needs of persons with an interest in business, international business, environmental and commercial law.

**Admission requirements:** A Bachelor degree

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 year full-time; 1 year part-time

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Susan Wards

**Tel:** (02) 9850 7930

**Fax:** (02) 9850 7686

**Email:** susan.wards@mq.edu.au

**Website:** www.law.mq.edu.au

**Program Structure**

Candidates complete four units.

*Units available for Master of Postgraduate Diploma and Postgraduate Certificate in International Trade and Commerce Law*

LAW850	Environmental Law and Corporate Regulation
LAW852	Trade and Environment Law
LAW853	Comparative Environmental Law
LAW860	International Environmental Law
LAW865	Biodiversity Law

LAW866	Comparative Indigenous Environmental Law and Management
LAW868	e-Commerce and IT Law
LAW869	Law, Globalisation and Cultural Transformations
LAW870	Corporate Finance and Securities Regulation
LAW871	Taxation Law
BUSL832	Business Transactions Law
BUSL833	Business Property Law
BUSL834	Law of Business Enterprises
BUSL851	International Commercial Law

**Master of Commercial Law**

The Master of Commercial Law has been developed to meet the demand from a wide variety of graduates in areas as diverse as accounting, engineering, computer science and marketing, for specialised training in areas of law relevant to persons in management positions (including self owned businesses), and in other relevant areas. It may also be attractive to overseas law graduates or local law graduates who do not have a commercial law concentration in their primary degree. As such, the program will focus on relevant areas of business law. A sub-theme will be the observation of and exploration of linkages between business law and business ethics.

**Admission requirements:** A Bachelor degree in any discipline and relevant work or other organisational experience. In exceptional cases an applicant may be admitted if both evidence of relevant work or other organisational experience and other evidence of academic and professional attainments are submitted. A candidate may also be required to write a qualifying paper prior to admission.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March. Students may commence in July, but will be completing units out of sequence.

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$350.00 per credit point

**Enquiries:** Professor Peter Gillies

**Tel:** (02) 9850 8460

**Email:** peter.gillies@mq.edu.au

or

Alma Urbiztondo

**Tel:** (02) 9850 8452

**Email:** alma.urbiztondo@mq.edu.au

**Program Structure**

Candidates complete the following program:

**Year 1***First Half-Year*

BUSL832 Business Transactions Law

BUSL833 Business Property Law

*Second Half-Year*

BUSL834 Law of Business Enterprises

BUSL836 Revenue Liability Law\*

**Handbook of Postgraduate Studies – 2004**

or  
BUSL851 International Commercial Law\*

or  
BUSL852 Trade Practices Law\*

\*(Normally only one of these options will be offered in any given year)

**Year 2***First Half-Year*

BUSL837 Research Project on Business Law A

*Second Half-Year*

BUSL838 Research Project on Business Law B

## Division of Linguistics and Psychology

### DEPARTMENT OF LINGUISTICS

### Research Programs

The Linguistics Department has a strong interest in functional grammar, discourse analysis and pragmatics, language and literacy education and stylistics, but has an equally developed focus in areas such as lexicography and corpus studies, phonetics and phonology, especially as applied to computer-based research in speech technology and speech perception. Audiology and deafness studies, as well as clinically-based work in communication disorders and speech pathology are also part of the Department's research profile.

Recent years have seen the growth of research and teaching in areas of language and cultural studies, literacy studies, in particular community-based studies of professional-client interaction, first and second language acquisition, bilingualism, translation and interpreting and language testing and evaluation.

The Department has both an audiology and a speech pathology clinic and has excellent speech laboratory facilities.

In addition, the Department houses five internationally recognised research centres:

- Dictionary Research Centre (Director, Associate Professor Pam Peters) is the focus of lexicographic research and academic support for The Macquarie Dictionary
- Style Council Centre (Director, Associate Professor Pam Peters) which conducts research into written Australian English style and usage, and provides consultant advice to the Australian Government style manual
- Centre for Language in Social Life (Director, Associate Professor David Butt) which brings together the Department's research on a wide variety of separate subdisciplines from natural language processing, grammar and stylistics on the one hand, to educational, medical and anthropological projects on the other
- National Centre for English Language Teaching and Research (NCELTR) (Director, Professor Denise Murray), which includes the Adult Migrant English Program Research Centre and conducts research into all aspects of English language teaching. It also houses a specialist Resources Centre, a publications section, and thriving ELICOS and EAP sections.  
**Website:** <http://www.nceltr.mq.edu.au>
- Speech, Hearing and Language Research Centre (Acting Director: Professor Max Coltheart) which is engaged in research in audiology, communication

disorders, experimental phonetics, natural language processing, and speech technology.

**Website:** <http://www.shlrc.mq.edu.au>.

SHLRC has close collaborative links with the Macquarie Centre for Cognitive Science (MACCS) (Director: Professor Max Coltheart) which is a Commonwealth of Australia Special Research Centre in the Division of Linguistics and Psychology.

**Website:** <http://www.maccs.mq.edu.au>

**Enquiries:** Robyn Guilmette and Lorraine Whybrow  
Linguistics Postgraduate Office

**Tel:** (02) 9850 7102

**Fax:** (02) 9850 9352

**Email:** [lingpgo@ling.mq.edu.au](mailto:lingpgo@ling.mq.edu.au)

Dr Beth Armstrong

Academic

**Tel:** (02) 9850 9183

**Fax:** (02) 9850 9352

**Email:** [barmstrong@ling.mq.edu.au](mailto:barmstrong@ling.mq.edu.au)

**Websites:** <http://www.ling.mq.edu.au>

<http://www.ro.mq.edu.au/HDRU/>

## Coursework Programs

### Master of Applied Linguistics

The Master of Applied Linguistics degree is intended for Australian and overseas practitioners in a variety of professions whose work is concerned with applied language study. These programs offer the opportunity for students to specialise in one or more areas of applied linguistics from a common basis of descriptive and empirical training.

Possible specialisations are:

Master of Applied Linguistics (TESOL)

Master of Applied Linguistics (Literacy)

Master of Applied Linguistics (Language Program Management)

**Admission requirements:** A Bachelor of Arts degree or equivalent and at least 2 years professional language teaching experience. Special consideration will also be given to relevant publications and course development, applicant's immediate vocational needs and possible experiential contribution to the program as a whole.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1.5 years full-time, 2–3 years (or more) part-time

**Commencement:** March, July

**Program requirements:** 40 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** [lingdl@ling.mq.edu.au](mailto:lingdl@ling.mq.edu.au)

**Website:** [www.ling.mq.edu.au/programs/appling](http://www.ling.mq.edu.au/programs/appling)

### Program Structure

Candidates complete five core units, three elective units and a dissertation;\* or five core units and five elective units.

By appropriate selection from the elective units and, where selected, by the specific direction of the dissertation, it is possible for particular professional interests to be identified within the overall Program Structure. Examples include: mother tongue and EFL/ESL curriculum development; lexicography; human communication disorders; professional-client communication; stylistics and the teaching of literature; language planning and language policy; language program management; testing and evaluation; first and second language acquisition, maintenance and loss.

#### Core

LING900	Grammar, Meaning and Discourse
LING901	Phonetics and Phonology
LING902	Language and Cognition
LING905	Research Methods in Language Study
LING903	Languages and Cultures in Contact
or	
LING904	Pragmatics

#### Electives

LING906	Language Testing and Evaluation
LING907	Stylistics and the Teaching of Literature
LING908	Language Planning and Language Policy
LING912	Second Language Acquisition
LING913	Literacy
LING914	Lexicography
LING918	Concepts in Managing Language Programs
LING920	First Language Acquisition
LING925	Language for Specific Purposes
LING927	Reading Development and Disorders
LING928	Bilingualism
LING936	Context, Use and Analysis of the English Language: a Global Perspective
LING937	TESOL in Context
LING938	Curriculum Innovation in Language Teaching
LING939	Special Study in Applied Linguistics
LING946	Leading and Managing Language Programs
LING947	Discourse in Professional and Organisational Contexts

#### Dissertation

LING934/ 935 Dissertation Part A and B (8 cp completed over two half years)

\*Students wishing to enrol in the dissertation must first obtain approval from the program convenor. It is expected that students achieve the grade of CREDIT or above in their coursework units if they are intending to enrol in the dissertation option.

Students who intend, or may consider at some future time, continuing on to do either a Master of Arts (Honours), a Doctor of Philosophy or a Doctor of

## Handbook of Postgraduate Studies – 2004

Applied Linguistics degree are strongly encouraged to opt for the dissertation.

### Postgraduate Diploma in Applied Linguistics

The Postgraduate Diploma in Applied Linguistics is for those who have a recognised degree obtained either in Australia or overseas, and who wish to undertake further study in applied linguistics. The course is designed to cover theoretical and methodological issues relevant to practitioners in a variety of professions whose work is concerned with applied language study.

**Admission requirements:** Applicants should normally hold a first degree from a tertiary institution and at least one year of professional language teaching experience. In exceptional cases applicants may be admitted if they submit other evidence of academic, professional or other attainments.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years (or more) part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** lingdl@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/appling

#### Program Structure

Candidates complete three core units and three elective units.

##### Core

LING900 Grammar, Meaning and Discourse

LING901 Phonetics and Phonology

LING903 Languages and Cultures in Contact  
or

LING904 Pragmatics

##### Electives

Candidates select any three of the elective units listed under Master of Applied Linguistics.

### Master of Applied Linguistics (TESOL)

The Master of Applied Linguistics degree is intended for Australian and overseas practitioners in a variety of professions whose work is concerned with applied language study. The program offers the opportunity for students to specialise in one or more areas of applied linguistics from a common basis of descriptive and empirical training.

**Admission requirements:** A Bachelor of Arts degree or equivalent and at least 2 years professional language teaching experience. Special consideration will also be

given to relevant publications and course development, applicant's immediate vocational needs and possible experiential contribution to the program as a whole.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1.5 years full-time, 2–3 years (or more) part-time

**Commencement:** March, July

**Program requirements:** 40 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** lingdl@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/appling

#### Program Structure

Candidates complete six core units, two elective units and a dissertation;\* or six core units and four elective units.

##### Core

LING905 Research Methods in Language Study

LING906 Language Testing and Evaluation

LING912 Second Language Acquisition

LING936 Context, Use and Analysis of the English Language: A Global Perspective

LING937 TESOL in Context

LING938 Curriculum Innovation in Language Teaching

##### Electives

LING900 Grammar, Meaning and Discourse

LING901 Phonetics and Phonology

LING902 Language and Cognition

LING903 Languages and Cultures in Contact

LING904 Pragmatics

LING907 Stylistics and the Teaching of Literature

LING908 Language Planning and Language Policy

LING913 Literacy

LING914 Lexicography

LING918 Concepts in Managing Language Programs

LING920 First Language Acquisition

LING925 Language for Specific Purposes

LING927 Reading Development and Disorders

LING928 Bilingualism

LING939 Special Study in Applied Linguistics

LING946 Leading and Managing Language Programs

LING947 Discourse in Professional and Organisational Contexts

##### Dissertation

LING934/935 Dissertation Part A and B (8 cp completed over two half years)

\*Students wishing to enrol in the dissertation must first obtain approval from the program convenor. It is expected that students achieve the grade of CREDIT or above

## Part Two – Postgraduate Study

in their coursework units if they are intending to enrol in the dissertation option.

Students who intend, or may consider at some future time, continuing on to do either a Master of Arts (Honours), a Doctor of Philosophy or Doctor of Applied Linguistics degree are strongly encouraged to opt for the dissertation.

### Postgraduate Diploma in Applied Linguistics (TESOL)

The Postgraduate Diploma in Applied Linguistics (TESOL) is for those who have a recognised degree obtained either in Australia or overseas, and who wish to undertake further study in applied linguistics. The course is designed to cover theoretical and methodological issues relevant to practitioners in a variety of professions whose work is concerned with applied language study.

**Admission requirements:** Applicants should normally hold a first degree from a tertiary institution and at least one year of professional language teaching experience. In exceptional cases applicants may be admitted if they submit other evidence of academic, professional or other attainments.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years (or more) part-time

**Commencement:** March; July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

Please note: A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** [lingdl@ling.mq.edu.au](mailto:lingdl@ling.mq.edu.au)

**Website:** [www.ling.mq.edu.au/programs/appling](http://www.ling.mq.edu.au/programs/appling)

#### Program Structure

Candidates complete three core units and three elective units.

##### Core

LING936	Context, Use and Analysis of the English Language: a Global Perspective
LING937	TESOL in Context
LING938	Curriculum Innovation in Language Teaching

##### Electives

Candidates select any three of the elective or core units listed under Master of Applied Linguistics (TESOL).

### Master of Applied Linguistics (Literacy)

The Master of Applied Linguistics degree is intended for Australian and overseas practitioners in a variety of pro-

fessions whose work is concerned with applied language study. The program offers the opportunity for students to specialise in one or more areas of applied linguistics from a common basis of descriptive and empirical training.

**Admission requirements:** A Bachelor of Arts degree or equivalent and at least 2 years professional language teaching experience. Special consideration will also be given to relevant publications and course development, applicant's immediate vocational needs and possible experiential contribution to the program as a whole.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1.5 years full-time, 2–3 years (or more) part-time

**Commencement:** March, July

**Program requirements:** 40 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** [lingdl@ling.mq.edu.au](mailto:lingdl@ling.mq.edu.au)

**Website:** [www.ling.mq.edu.au/programs/appling](http://www.ling.mq.edu.au/programs/appling)

#### Program Structure

Candidates complete five core units, three elective units and a dissertation;\* or five core units and five elective units.

##### Core

LING900	Grammar, Meaning and Discourse
LING905	Research Methods in Language Study
LING913	Literacy
LING927	Reading Development and Disorders
LING938	Curriculum Innovation in Language Teaching

##### Electives

LING901	Phonetics and Phonology
LING902	Language and Cognition
LING903	Languages and Cultures in Contact
LING904	Pragmatics
LING906	Language Testing and Evaluation
LING907	Stylistics and the Teaching of Literature
LING908	Language Planning and Language Policy
LING912	Second Language Acquisition
LING914	Lexicography
LING918	Concepts in Managing Language Programs
LING920	First Language Acquisition
LING925	Language for Specific Purposes
LING928	Bilingualism
LING936	Context, Use and Analysis of the English Language: a Global Perspective
LING937	TESOL in Context
LING939	Special Study in Applied Linguistics
LING946	Leading and Managing Language Programs

## Handbook of Postgraduate Studies – 2004

LING947 Discourse in Professional and Organisational Contexts

### *Dissertation units*

LING934/935 Dissertation Part A and B (8 cp completed over two half years)

\*Students wishing to enrol in the dissertation must first obtain approval from the program convenor. It is expected that students achieve the grade of CREDIT or above in their coursework units if they are intending to enrol in the dissertation option.

Students who intend, or may consider at some future time, continuing on to do either a Master of Arts (Honours), a Doctor of Philosophy or a Doctor of Applied Linguistics degree are strongly encouraged to opt for the dissertation.

### Postgraduate Diploma in Applied Linguistics (Literacy)

The Postgraduate Diploma in Applied Linguistics (Literacy) is for those who have a recognised degree obtained either in Australia or overseas, and who wish to undertake further study in applied linguistics. The course is designed to cover theoretical and methodological issues relevant to practitioners in a variety of professions whose work is concerned with applied language study.

**Admission requirements:** Applicants should normally hold a first degree from a tertiary institution and at least one year of professional language teaching experience. In exceptional cases applicants may be admitted if they submit other evidence of academic, professional or other attainments.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years (or more) part-time

**Commencement:** March, July

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** lingdl@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/appling

### *Program Structure*

Candidates complete three core units and three elective units.

#### *Core*

LING900 Grammar, Meaning and Discourse

LING913 Literacy

LING938 Curriculum Innovation in Language Teaching

#### *Electives*

Candidates select any three of the elective or core units listed under Master of Applied Linguistics (Literacy)

### Master of Applied Linguistics (Language Program Management)

The Master of Applied Linguistics degree is intended for Australian and overseas practitioners in a variety of professions whose work is concerned with applied language study. These programs offer the opportunity for students to specialise in one or more areas of applied linguistics from a common basis of descriptive and empirical training.

**Admission requirements:** A Bachelor of Arts degree or equivalent and at least 2 years professional language teaching experience. Special consideration will be given to relevant publications and course development, applicant's immediate vocational needs and possible experiential contribution to the program as a whole.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1.5 years full-time, 2–3 years (or more) part-time

**Commencement:** March, July

**Program requirements:** 40 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** lingdl@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/appling

### *Program Structure*

Candidates complete five core units, three elective units and a dissertation;\* or five core units and five elective units.

#### *Core*

LING905 Research Methods for Language Study

LING918 Concepts in Managing Language Programs

LING937 TESOL in Context

LING938 Curriculum Innovation in Language Teaching

LING946 Leading and Managing Language Programs

#### *Electives*

LING900 Grammar, Meaning and Discourse

LING901 Phonetics and Phonology

LING902 Language and Cognition

LING903 Languages and Cultures in Contact

LING904 Pragmatics

LING906 Language Testing and Evaluation

LING907 Stylistics and the Teaching of Literature

LING908 Language Planning and Language Policy

LING912 Second Language Acquisition

## Part Two – Postgraduate Study

LING913	Literacy
LING914	Lexicography
LING920	First Language Acquisition
LING925	Language for Specific Purposes
LING927	Reading Development and Disorders
LING928	Bilingualism
LING936	Context, Use and Analysis of the English Language: a Global Perspective
LING939	Special Study in Applied Linguistics
LING947	Discourse in Professional and Organisational Contexts

### *Dissertation*

LING934/935	Dissertation Part A and B (8 cp completed over two half years)
-------------	--

\*Students wishing to enrol in the dissertation must first obtain approval from the program convenor. It is expected that students achieve the grade of CREDIT or above in their coursework units if they are intending to enrol in the dissertation option.

Students who intend, or may consider at some future time, continuing on to do either a Master of Arts (Honours), a Doctor of Philosophy or a Doctor of Applied Linguistics degree are strongly encouraged to opt for the dissertation.

### Postgraduate Certificate in Managing Language Programs

This course is designed to meet the needs of Australian and international students and language teaching professionals who wish to take up management roles or develop their management skills in language teaching programs. It provides participants with the knowledge and skills they require for successful language program management in a variety of language teaching contexts.

**Admission requirements:** An undergraduate degree with at least two years full time (or equivalent) language teaching experience, and a postgraduate qualification in teaching English to speakers of other languages (TESOL) or equivalent.

**Attendance:** Internal, external, full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year (or more) part-time

**Commencement:** March, July

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Becky Robertson  
**Tel:** (02) 9850 7959  
**Fax:** (02) 9850 7849  
**Email:** [pgcert@nceltr.mq.edu.au](mailto:pgcert@nceltr.mq.edu.au)  
**Website:** [www.nceltr.mq.edu.au](http://www.nceltr.mq.edu.au)

### *Program Structure*

Candidates complete the following units:

LING918	Concepts in Managing Language Programs
LING938	Curriculum Innovation in Language Teaching
LING946	Leading and Managing Language Programs

### Postgraduate Certificate in TESOL

This course is designed for newcomers to TESOL. It provides course participants with an understanding of the linguistic and sociolinguistic bases for second/foreign language learning, teaching and professional training in various aspects of TESOL including the methodology of teaching English as a second/foreign language to adults; the knowledge to select and prepare materials for TESOL; the professional understanding to guide students in their learning of English. The course includes practical classroom interactive experience.

**Admission requirements:** A first degree (or equivalent) and evidence of ability to undertake studies at postgraduate level, and of strong TESOL motivation eg previous professional experience in an area other than teaching, informal language teaching, publications or materials development or work experience relating to communication skills.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1–2 years part-time

**Commencement:** March, July

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** \$325.00 per credit point (for on-campus and external students within Australia and New Zealand) \$350.00 per credit point (for external students outside Australia or New Zealand)

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Becky Robertson  
**Tel:** (02) 9850 7959  
**Fax:** (02) 9850 7849  
**Email:** [pgcert@nceltr.mq.edu.au](mailto:pgcert@nceltr.mq.edu.au)  
**Website:** [www.nceltr.mq.edu.au](http://www.nceltr.mq.edu.au)

### *Program Structure*

Candidates complete the following units:

LING951	Sociocultural Aspects of Language Learning and Teaching
LING954	Linguistics and Language Teaching
LING955	Language Teaching Methodologies
LING953	Practicum

### Postgraduate Certificate in Linguistics Research

This program is designed for students who wish to pursue a higher research degree (eg PhD, Postgraduate Diploma in Applied Linguistics), but who are not currently eligible to apply because there is no research dissertation component in their earlier degrees. Please note

## Handbook of Postgraduate Studies – 2004

that completion of this course does not guarantee entry to a higher research degree.

**Admission requirements:** A Masters degree in linguistics or applied linguistics without a dissertation component or equivalent (with a Macquarie University equiv GPA of 3.0 or above)

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 0.5 year full-time, 1 year (or more) part-time

**Commencement:** March, July

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 7102

**Fax:** (02) 9850 9352

**Email:** lingpgo@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/appling

### Program Structure

Candidates complete the following units:

LING905	Research Methods in Language Study
LING934/ 935	Dissertation Part A and B (8 cp completed over two half years)

## Master of Communication in Professions and Organisations

This program is designed for:

- those professionals for whom communication plays a central factor in their work, and who want to investigate more fully the effectiveness and impact of communication in their own practices, and
- those primarily engaged in communication issues or communication training in a range of commercial, professional, organisational and institutional workplaces, such as trainers, information experts, technical writers, evaluators of organisational quality and appraisers of the quality of communicative products.

The program will be grounded in practice, and involve regular reflexive contact with the sites and contexts from which its participants derive.

Nested within the Master-level program are the Postgraduate Diploma and Postgraduate Certificate programs (see below).

**Admission requirements:** A Bachelor degree (or equivalent) and at least two years professional workplace experience

**Attendance:** Internal, external (online); full-time, part-time

**Length of candidature:** at least 1 year full-time or at least 2 years part-time

**Commencement:** March

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** lingdl@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/communication

### Program Structure

Candidates complete three core units, three elective units and an extended communication-based study. LING905 is a prerequisite for the extended communication-based study.

#### Core

LING947	Discourse in Professional and Organisational Contexts
LING948	Evaluating Communications Systems, Processes and Products
LING956	Acquiring Professional Communicative Expertise

#### Electives

LING900	Grammar, Meaning and Discourse
LING905	Research Methods in Language Study
LING957	Inter- and Intra-cultural Communication
LING958	Professional-client Communication
LING959	Mediated Communication
LING960	Organisational Communication

#### Extended Communication-Based Study

LING934 Dissertation A

LING935 Dissertation B

Analysis of communication in a site chosen by the candidate, linked to procedures for enhancing such communication, with the overall aim of connecting research to practical outcomes of value to the candidate, and to the candidate's organisation or profession.

## Postgraduate Diploma in Professions and Organisations

This program is designed for:

- those professionals for whom communication plays a central factor in their work, and who want to investigate more fully the effectiveness and impact of communication in their own practices, and
- those primarily engaged in communication or communication training in a range of commercial, professional, organisational and institutional workplaces, such as trainers, information experts, technical writers, evaluators of organisational quality and appraisers of the quality of communicative products.

The program will be grounded in practice, and involve regular reflexive contact with the sites and contexts from which its participants derive. Full credit can be carried forward into the Master of Communication in Professions and Organisations provided that LING905 is successfully completed.

## Part Two – Postgraduate Study

**Admission requirements:** A Bachelor degree (or equivalent) and at least two years professional workplace experience

**Attendance:** Internal, external (online); full-time, part-time

**Length of candidature:** 1 year full-time or at least 1.5 years part-time

**Commencement:** March

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** lingdl@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/communication

### Program Structure

Candidates complete three core units and three elective units.

#### Core

LING947	Discourse in Professional and Organisational Contexts
LING948	Evaluating Communications Systems, Processes and Products
LING956	Acquiring Professional Communicative Expertise

#### Electives

LING900	Grammar, Meaning and Discourse
LING905	Research Methods in Language Study
LING957	Inter- and Intra-cultural Communication
LING958	Professional-client Communication
LING959	Mediated Communication
LING960	Organisational Communication

## Postgraduate Certificate in Communication in Professions and Organisations

This program course is designed for:

- those professionals for whom communication plays a central factor in their work, and who want to investigate more fully the effectiveness and impact of communication in their own practices, and
- those primarily engaged in communication or communication training in a range of commercial, professional, organisational and institutional workplaces, such as trainers, information experts, technical writers, evaluators of organisational quality and appraisers of the quality of communicative products.

The program will be grounded in practice, and involve regular reflexive contact with the sites and contexts from which its participants derive. Full credit can be carried forward into the Postgraduate Diploma of Communication in Professions and Organisations.

**Admission requirements:** A Bachelor degree (or equivalent) and at least two years professional workplace experience in a relevant field

**Attendance:** Internal, external (online); full-time, part-time

**Length of candidature:** 0.5 year full-time or at least 1 year part-time

**Commencement:** March

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 9243

**Fax:** (02) 9850 9352

**Email:** lingdl@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/programs/communication

### Program Structure

Candidates complete the following three units:

LING947	Discourse in Professional and Organisational Contexts
LING948	Evaluating Communications Systems, Processes and Products
LING956	Acquiring Professional Communicative Expertise

## Master of Arts in Editing and Publishing

This course allows students of editing and publishing to develop an independent research project in any relevant field over two semesters. The topic is developed through a series of consultations, either on campus or on line, with the supervisor. Possible topics include: advanced publishing techniques, the history of Australian publishing in a particular domain, typography, editorial practices, multi-media delivery of information.

**Admission requirements:** Successful completion of the Postgraduate Diploma in Editing and Publishing, or equivalent formal studies in editing and/or publishing

**Attendance:** Internal, external; part-time

**Length of candidature:** 1 year part-time.

**Commencement:** March, July

**Program requirements:** 8 postgraduate credit points

**Tuition fee 2004:** \$300.00 per credit point

**Enquiries:** Associate Professor Pam Peters

**Tel:** (02) 9850 8773

**Fax:** (02) 9850 9199

**Email:** pam.peters@mq.edu.au

**Website:** www.ling.mq.edu.au/editing

### Program Structure

Candidates complete the following units:

LING965	Dissertation I
LING966	Dissertation II

## Handbook of Postgraduate Studies – 2004

### Postgraduate Diploma in Editing and Publishing

The Postgraduate Diploma is offered as a postgraduate training program for editors and others engaged in the publishing industry or in publications work within the corporate or government sector. It is intended as a professional qualification for those already employed in publishing work. The program is designed to set the work of editing in a full theoretical and practical context, and to widen candidates' experience of editing beyond whatever type of publishing they are already associated with. The practicum unit is built into the course as a way of enhancing students' experience of the actual operations of publishing.

**Admission requirements:** A Bachelor degree with 3–4 years editing or publishing experience. Consideration will also be given to applicants who have 7–8 years relevant experience but who do not hold a degree.

**Attendance:** Internal; part-time

**Length of candidature:** 2 years part-time

**Commencement:** March

**Program requirements:** 24 postgraduate credit points

**Tuition fee 2004:** \$300.00 per credit point

**Enquiries:** Associate Professor Pam Peters

**Tel:** (02) 9850 8773

**Fax:** (02) 9850 9199

**Email:** pam.peters@mq.edu.au

**Website:** www.ling.mq.edu.au/editing

#### Program Structure

Candidates complete the following program:

##### Year 1

###### First half-year

LING873 Design and Production of Books

LING961 Essentials of Editing

###### Second half-year

LING874 Publishing and Management

LING962 Language and Writing Style

##### Year 2

###### First half-year

LING963 Structural and Electronic Editing

LING876 Option I

###### Second half-year

LING877 Option II

LING964 Editorial Issues and Responsibilities

During the second year of study, a placement totalling 26 hours (LING875 Practicum) will be arranged for each student, at a publishing unit other than the one at which she or he is currently employed, to be taken in a block during one of the University recesses.

### Postgraduate Certificate in Editing

This course is designed for those who have some experience of the editorial process, and wish to extend it as a basis for professional editing.

**Admission requirements:** A Bachelor degree with 1–2 years editing or publishing experience. Consideration will also be given to applicants who have 7–8 years relevant experience but who do not hold a degree.

**Attendance:** External. Internal attendance available in alternate years (starting in odd-numbered years)

**Length of candidature:** 2 years part-time

**Commencement:** March

**Program requirements:** 12 postgraduate credit points

**Tuition fee 2004:** \$300.00 per credit point

**Enquiries:** Associate Professor Pam Peters

**Tel:** (02) 9850 8773

**Fax:** (02) 9850 9199

**Email:** pam.peters@mq.edu.au

**Website:** www.ling.mq.edu.au/editing

#### Program Structure

Candidates complete the following units:

LING961 Essentials of Editing

LING962 Language and Writing Style

LING963 Structural and Electronic Editing

LING964 Editorial Issues and Responsibilities

### Master of Arts in Translation and Interpreting

The Master of Arts in Translation and Interpreting is designed to meet the needs of those who have good linguistic skills and are seeking to develop professionally as translators or interpreters and to acquire a higher degree. The program is offered in a number of languages, depending on demand and resources. Chinese, Japanese, Korean, Spanish, Thai and English are currently available.

NAATI accredited.

**Admission requirements:** An appropriate undergraduate degree and a good command of both English and one of the available languages. Applicants whose first language is not English must satisfy the English requirement of TOEFL 600, CTOEFL 250 or IELTS 7.0

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time; 2–3 years part-time

**Commencement:** March, July

**Program requirements:** 40 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 7102

**Fax:** (02) 9850 9352

**Email:** lingpgo@ling.mq.edu.au

**Website:** www.ling.mq.edu.au/translation

## Part Two – Postgraduate Study

### Program Structure

Candidates complete seven core units and a total of 16 postgraduate credit points in elective units.

#### Core

TRAN816	Theory and Practice of Translation and Interpreting
TRAN819	Introduction to Text Analysis
TRAN821	Interpreting Techniques
TRAN827	Research Methods in Translation and Interpreting
TRAN832	Public Speaking
TRAN833	Advanced Writing Skills for Translators
TRAN904	Cross-cultural Pragmatics for Translators and Interpreters

#### Electives

BUS854	Managing Cultural Diversity in Business
MKTG813	Managerial Marketing
POL840	The International System
POL841	Theory of International Relations
POL849	International Political Economy
TRAN812	Computing and Translation
TRAN820	Translation Practice
TRAN822	Interpreting Practice
TRAN823	Language Transfer in the Media
TRAN825	Lexicography
TRAN826	Community Interpreting and Translating
TRAN830	Dissertation
TRAN834	Advanced Translation
TRAN900	Grammar, Meaning and Discourse
TRAN903	Languages and Cultures in Contact
TRAN907	Stylistics and Translation of Literature

### Postgraduate Diploma in Translation and Interpreting

The Postgraduate Diploma in Translation and Interpreting is designed to meet the needs of those who have good linguistic skills and are seeking to develop professionally as translators or interpreters. The program is offered in a number of languages, depending on demand and resources. Chinese, Japanese, Korean, Spanish, Thai and English are currently available.

**Admission requirements:** An appropriate undergraduate degree and a good command of both English and one of the available languages. Applicants whose first language is not English must satisfy the English requirement of TOEFL 600, CTOEFL 250 or IELTS 7.0

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March (all language streams), July (Japanese and Korean only)

**Program requirements:** 28 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 7102

**Fax:** (02) 9850 9352

**Email:** [lingpgo@ling.mq.edu.au](mailto:lingpgo@ling.mq.edu.au)

**Website:** [www.ling.mq.edu.au/translation](http://www.ling.mq.edu.au/translation)

### Program Structure

Candidates complete five core units and a total of 12 postgraduate credit points in elective units.

#### Core

TRAN816	Theory and Practice of Translation and Interpreting
TRAN819	Introduction to Text Analysis
TRAN821	Interpreting Techniques
TRAN832	Public Speaking
TRAN833	Advanced Writing Skills for Translators

#### Electives

TRAN812	Computing and Translation
TRAN820	Translation Practice
TRAN822	Interpreting Practice
TRAN823	Language Transfer in the Media
TRAN825	Lexicography
TRAN826	Community Interpreting and Translating
TRAN903	Languages and Cultures in Contact
TRAN904	Cross-cultural Pragmatics for Translators and Interpreters

### Postgraduate Diploma in Auslan Interpreting

The Postgraduate Diploma in Auslan/English Interpreting is designed to meet the needs of those who have good Auslan skills at paraprofessional level, and are seeking to develop professionally as Auslan interpreters. The program is offered jointly with Renwick Institute — while most units will be taught on campus at Macquarie University, some will be taught at the nearby North Rocks campus of Renwick Institute for Deaf and Blind Children.

**Admission requirements:** A Bachelor of Arts and advanced skills in Auslan at NAATI Paraprofessional Level, with two years interpreting experience at this level. Applicants whose first language is not English must satisfy the English requirement of TOEFL 600, CTOEFL 250 or IELTS 7.0

**Attendance:** Internal; part-time

**Length of candidature:** 2–3 years part-time

**Commencement:** March

**Program requirements:** 28 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Linguistics Postgraduate Office

**Tel:** (02) 9850 7102

**Fax:** (02) 9850 9352

**Email:** [lingpgo@ling.mq.edu.au](mailto:lingpgo@ling.mq.edu.au)

**Website:** [www.ling.mq.edu.au/translation/](http://www.ling.mq.edu.au/translation/)

### Program Structure

Candidates complete four Core units and a total of 12 postgraduate credit points in elective units.

## Handbook of Postgraduate Studies – 2004

### Core

EDUC6065	Advanced Auslan Skills for Educators*
EDUC6120	The Linguistics of Auslan*
TRAN821	Interpreting Techniques
TRAN822	Interpreting Practice

### Elective units (total of 12 credit points to be completed)

TRAN816	Theory and Practice of Translation and Interpreting
TRAN826	Community Interpreting and Translating
TRAN835	Advanced Auslan Interpreting
TRAN838	Advanced Auslan Interpreting II
TRAN903	Languages and Cultures in Contact
TRAN904	Cross-cultural Pragmatics for Translators and Interpreters
EDUC6057	Social, Language and Cultural Studies in Deafness*

\* Unit taken at Renwick Institute

## Master of Arts in Communication Disorders

This course has been developed to meet the needs of graduates who wish to pursue an interest in communication disorders. The focus is on exploring theories and research relevant to assessment and intervention. It caters for speech pathologists and allied professionals who wish to further their knowledge of specific communication disorders and develop their research skills. The program provides course options in specialised content areas, such as developmental language disorders, reading development and disorders, and psycholinguistic as well as sociolinguistic approaches to the study of aphasia. The Master of Arts in Communication Disorders is convened by members of the Speech, Hearing and Language Research Centre within the Linguistics Department. It is multidisciplinary in nature, with contributions from staff members in linguistics and psychology.

### Admission requirements:

1. Direct entry: A Bachelor degree in Speech Pathology from an Australian tertiary institution (or equivalent from an overseas institution) and a minimum of one year's clinical experience,
2. Indirect entry: a four-year degree with a relevant major (ie linguistics, psychology, or education), and a minimum of one year's relevant work experience.

**Attendance:** Internal, external; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Please note:** A different tuition fee rate applies to International students.

**Enquiries:** Dr Linda Cupples  
**Tel:** (02) 9850 8788  
**Fax:** (02) 9850 9199  
**Email:** linda.cupples@mq.edu.au  
**Website:** www.ling.mq.edu.au/programs/macomdis

## Program Structure

Candidates complete two Core units, five elective units and a compulsory project.

### Core

LING848	Linguistic Description of Disordered Language
LING891	Seminars in Research in Human Communication Disorders*

(\*PSY222 Design and Statistics II is a co-requisite for this course unless an exemption has been granted)

### Electives

LING846	Developmental Language Disorders
LING847	Psycholinguistics and Aphasia
LING900	Grammar, Meaning and Discourse
LING901	Phonetics and Phonology
LING902	Language and Cognition
LING903	Languages and Cultures in Contact
LING904	Pragmatics
LING906	Language Testing and Evaluation
LING907	Stylistics and the Teaching of Literature
LING908	Language Planning and Language Policy
LING912	Second Language Acquisition
LING913	Literacy
LING920	First Language Acquisition
LING927	Reading Development and Disorders
LING928	Bilingualism
LING947	Discourse in Professional and Organisational Contexts
PSYP811	Cognitive Neuropsychology

### Project unit

LING816	Special Project Communication Disorders*
---------	--

(\* or LING931 and LING932 Special Project Communication Disorders Parts A and B)

## Master of Science in Speech and Language Processing

The computing power of today's desktop computers enables user interfaces based on human speech and language. This Masters program has been designed to take advantage of a strong research and development base to provide a grounding in speech and language technology for graduates who want to be part of this exciting field.

**Admission requirements:** A Bachelor degree in Computer Science, Engineering, Linguistics or Psychology.

**Attendance:** External, part-time

**Length of candidature:** 2 years part-time

**Commencement:** March

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Robert Mannell  
**Tel:** (02) 9850 8771  
**Fax:** (02) 9850 9199  
**Email:** masters@shlrc.mq.edu.au  
**Website:** www.ling.mq.edu.au/programs/msc\_slp

## Part Two – Postgraduate Study

**Program Structure**

The first part of the program will provide an introduction to the key techniques and concepts in speech and language processing, and will include a unit in computer programming. Candidates who have completed an equivalent unit in their Bachelor degree may, by arrangement, substitute a relevant unit from another area of study.

Candidates complete four core units, three elective units and a project.

*Core*

The following three units are compulsory in the first year:

SLP801	Fundamentals of Speech Science
SLP802	Programming for Speech and Language Processing
SLP803	An Introduction to Language Technology

The following unit is compulsory in the second year

SLP804	Research Design and Methodology (prerequisite to SLP813)
--------	--

*Electives*

SLP806	Speech Recognition
SLP807	Text-to-speech and Speech Synthesis
SLP810	Language Analysis
SLP811	Dialogue Systems

*Project unit*

SLP813	Project in Speech and Language Processing
--------	---

**Master of Speech and Language Pathology**

This program prepares graduates for the profession of speech pathology, enabling them to work clinically with individuals with developmental or acquired communication and swallowing disorders. The program is taught by staff within the Division of Linguistics and Psychology and is based within the Speech, Hearing and Language Research Centre. Coursework covers normal and disordered speech, language and swallowing processes, building on fundamental knowledge in linguistics, psychology, anatomy and physiology. In addition, students engage in comprehensive supervised clinical placements, which provide them with the opportunity to develop skills in assessment, intervention, service delivery and other aspects of professional practice. The program is accredited by the Speech Pathology Association of Australia.

**Admission requirements:**

1. Direct entry: A Bachelor degree in Speech and Hearing Sciences from Macquarie University or an equivalent degree from an Australian or overseas tertiary institution
2. Indirect entry: A Bachelor's degree with a major in linguistics or psychology preferred. Applicants with degrees in related areas, such as teaching or nursing will be considered on an individual basis; some bridging coursework may be required.

**Attendance:** Internal; full-time

**Length of candidature:** 2 years full-time

**Commencement:** March

**Program requirements:** 64 postgraduate credit points

**Tuition fee 2004:** \$320.00 per credit point.

**Enquiries:** Dr Beth Armstrong

**Tel:** (02) 9850 9183

**Fax:** (02) 9850 9199

**Email:** beth.armstrong@mq.edu.au

**Website:** www.ling.mq.edu.au/programs/mslpath

**Program Structure**

Candidates complete the following program:

*Year 1**First Half Year*

SPH800	Speech Pathology I: Developmental and Acquired Speech and Swallowing Disorders
SPH805	Practicum I
SPH812	Assessment of Hearing
SPH813	Professional Practice I
PSYP824	Neuroanatomy

*Second Half Year*

SPH801	Speech Pathology IIA: Developmental and Acquired Language Disorders
SPH804	Speech Pathology IV: Disorders of Voice and Fluency
SPH805	Practicum I
SPH807	Neurosciences for Speech Pathology
SPH814	Professional Practice II

*Year 2**First Half Year*

SPH802	Speech Pathology IIB: Developmental and Acquired Language Disorders
SPH806	Practicum II
SPH815	Professional Practice III
SPH818	Clinical Linguistic Analysis
SPH819	Speech Pathology III: Alternative and Augmentative Communication and Severe Communication Impairment
SPH810	Research in Human Communication Disorders

*Second Half Year*

SPH806	Practicum II
SPH811	Aural Rehabilitation
SPH816	Professional Practice IV
SPH817	Medical/Surgical Speech Pathology

Elective to be selected from those listed below:

*Electives*

LING847	Psycholinguistics and Aphasia
LING903	Languages and Cultures in Contact
LING904	Pragmatics
LING912	Second Language Acquisition
LING913	Literacy
LING927	Reading Development and Disorders

## Handbook of Postgraduate Studies – 2004

LING930 Linguistic Applications of Cognitive Neuropsychology

### Master of Clinical Audiology

On completion of this program, students will have acquired the skills necessary to join the profession of audiology and practice in a variety of employment settings. Clinical training is provided as a formal part of the program, with the cooperation of audiological institutions.

The program aims to provide:

- skills in basic and advanced assessment strategies, rehabilitation and habilitation of the hearing impaired, and the non medical management of hearing impairment and related pathologies,
- skills in research design with an optional project,
- an awareness of client management strategies.

**Admission requirements:** An undergraduate degree from a variety of disciplines including physical and behavioural sciences, biological sciences or speech and language sciences. An interview may be required as part of the selection process.

**Attendance:** Internal; full-time

**Length of candidature:** 2 years full-time

**Commencement:** March

**Program requirements:** 64 postgraduate credit points

**Tuition fee 2004:** \$300 per credit point

**Enquiries:** Professor Philip Newall

**Tel:** (02) 9850 8779

**Fax:** (02) 9850 9199

**Email:** philip.newall@mq.edu.au

Ms Maryanne Golding

**Tel:** (02) 9850 8775

**Fax:** (02) 9850 9199

**Email:** maryanne.golding@mq.edu.au

**Website:** www.ling.mq.edu.au/audiology

### Program Structure

Candidates complete the following program:

#### Year 1

##### First Half Year

CAUD801 Clinical Skills

CAUD802 Assessment Strategies I

CAUD803 Theoretical Bases of Audiology

CAUD804 Clinical Practicum I

##### Second Half Year

CAUD805 Hearing Aids

CAUD806 Objective Assessment Strategies

CAUD807 Paediatrics

CAUD808 Clinical Practicum II

#### Year 2

##### First Half Year

CAUD809 Auditory and Language Pathology

CAUD812 Research Design Skills

CAUD813 Clinical Practicum III

CAUD810 The Hearing Impaired and the Family  
or

CAUD811 Audiology Project

##### Second Half Year

CAUD814 Rehabilitation of the Hearing Impaired

CAUD816 Assessment Strategies II

CAUD817 Clinical Practicum IV

CAUD818 Advanced Hearing Aids

or

CAUD811 Audiology Project

Students who have not already completed the following undergraduate units or their equivalent, may be required to undertake some or all of them in a qualifying program:

##### Linguistics

LING210 Phonetics and Phonology

LING214 Introduction to Psycholinguistics

SPH304 Introduction to Audiology

SPH305 Developmental Speech and Language Disorders

SPH306 Acquired Speech and Language Disorders

SPH307 Auditory Physiology and Psychoacoustics

##### Psychology

PSY222 Design and Statistics II

PSY235 Developmental Psychology

PSY236 Biopsychology and Learning

PSY237 Cognition and Perception

## DEPARTMENT OF PSYCHOLOGY

### Research Programs

The Department of Psychology provides a diverse, innovative and supportive research environment. Research conducted within the Department by staff and students is recognised at international and national levels, as demonstrated by the large number of staff and student academic publications, external research income earned by Department staff, plus presentations and key-note speeches delivered by staff and students at symposia held within Australia and abroad.

The Department comprises 40 academic staff with varied research specialisations and interests to cater for students wishing to pursue research across various areas comprising: animal behaviour and cognition, applied cognitive psychology, clinical neuropsychology, clinical psychology, cognitive science, counselling psychology, decision making, developmental psychology, emotion and motivation, health psychology, learning theory and its applications, neuroscience, organisational psychology, perception, personal relationships, personality, psychopathology, psychopharmacology, physiological psychology, research methods, social psychology, and work and family.

**Website:** www.psy.mq.edu.au/research.htm

Affiliated with the Department of Psychology is the Macquarie Centre for Cognitive Science (MACCS), an ARC funded, internationally recognized research facility

## Part Two – Postgraduate Study

for research excellence in cognitive science and cognitive neuropsychology.

**Website:** [www.maccs.mq.edu.au](http://www.maccs.mq.edu.au)

### Department facilities

The Department is committed to providing a supportive and stimulating research environment for its research degree students. Each full-time candidate is provided with shared office facilities with a phone and computer installed with MS Office software with unlimited web and e-mail access, plus access to fax machines, photocopiers and stationery. Students are also eligible to apply for Department funds to attend conferences or undertake fieldwork, and are given priority for casual tutoring positions. In addition, research students have full borrowing rights within the Department's Psychological Test Library, one of the largest in Australia with a comprehensive collection of state-of-the-art tests.

The Department maintains a world-class animal research facility and fauna park located on campus. These include staff and student research laboratories for conducting naturalistic research on animal behaviour. Laboratory space is also provided for research in the areas of cognitive psychology, developmental psychology, infant and early childhood research, neuroscience, organisational psychology, perception, physiological psychology, learning, and social psychology.

The Division of Linguistics and Psychology organises an annual conference for PhD students to present their research to peers and staff. This provides students with the opportunity to present their research within a conference environment and sharpen their research focus. Students obtain constructive feedback from peers and staff on their research direction and progress.

### Research Programs Offered

- Doctor of Psychology (Clinical, Clinical Neuropsychology, Counselling Psychology and Organisational Psychology)
- PhD and MA(Hons) in Psychology
- PhD and MA(Hons) in Behavioural Science

The Doctor of Psychology (DPsych) is a professional doctorate aimed at producing practitioners with advanced practitioner skills and knowledge, plus demonstrated competency in high level research. The course requires the completion of coursework units, 1,500 hours of supervised placements and a doctoral-level thesis of approx 40,000 words.

The PhD and MA(Hons) are research only programs. The PhD requires completion of a thesis of 75,000 words for a quantitative study and 100,000 words for a qualitative study. PhD students are also required to complete four Research Training in Psychology Units (PSY907, PSY908, PSY909, PSY910). MA(Hons) candidates complete a thesis of approx 40,000 words. PhD and MA(Hons) in Behavioural Science degrees are available for candidates with an Honours or Masters by research

degree in a discipline other than psychology, but whose research interests are in-line with a member of the psychology staff who is willing to supervise them.

**Enquiries:** Dr Julie Fitness  
(Academic)  
**Tel:** (02) 9850-8015  
**Fax:** (02) 9850-8062  
**Email:** [Julie.fitness@mq.edu.au](mailto:Julie.fitness@mq.edu.au)  
**Enquiries:** Ms Erin Thatcher  
(Administrative)  
**Tel:** (02) 9850-8063  
**Fax:** (02) 9850-8062  
**Email:** [Erin.Thatcher@mq.edu.au](mailto:Erin.Thatcher@mq.edu.au)  
**Websites:** [http://www.psy.mq.edu.au/courses/c\\_post.htm](http://www.psy.mq.edu.au/courses/c_post.htm)  
<http://www.ro.mq.edu.au/HDRU/>

## Coursework Programs

### Master of Clinical Neuropsychology

The course aims to produce scientists/professionals of high calibre, well grounded theoretically and professionally, capable of moving across a range of clinically oriented areas and of assuming full independent professional responsibility in clinical settings and of maintaining an enquiring research attitude in day-to-day work.

**Admission requirements:** A Bachelor degree in psychology, normally with first-class or second-class honours division 1. Applicants are required to submit a Supplementary Information Form in addition to the standard application form and attend a personal interview.

**Attendance:** Internal; full-time, part-time (Units are not repeated for part-time students, all intending part-time applicants should be able to obtain leave from their employer for at least one day each week).

**Length of candidature:** 2 years full-time, 4 years part-time

**Commencement:** March

**Program requirements:** 64 postgraduate credit points

**Tuition fee 2004:** \$325.00 per credit point

**Enquiries:** Dr Jennifer Batchelor  
(Course Director)  
**Tel:** (02) 9850 8012  
**Fax:** (02) 9850 8062  
**Email:** [jennifer.batchelor@mq.edu.au](mailto:jennifer.batchelor@mq.edu.au)  
Dr Arthur Shores  
(Course Director)  
**Tel:** (02) 9850 8071  
**Fax:** (02) 9850 8062  
**Email:** [arthur.shores@mq.edu.au](mailto:arthur.shores@mq.edu.au)  
Ms Rachelle Louison  
(General)  
**Tel:** (02) 9850 8087  
**Fax:** (02) 9850 8062  
**Email:** [rachelle.louison@mq.edu.au](mailto:rachelle.louison@mq.edu.au)  
**Website:** [www.psy.mq.edu.au](http://www.psy.mq.edu.au)

## Handbook of Postgraduate Studies – 2004

### Program Structure

Candidates complete the following program: Full-time candidates are expected to complete in two years:

#### Year 1

PSY863	Research Design and Evaluation
PSYN803	Neuropsychological Disorders
PSYN804	Neuropsychopharmacology
PSYN805	Case Conference/Professional and Ethical Issues I
PSYN809	Neuropsychological Research Seminar I
PSYN815	Supervised Internship I
PSYN821	Psychological Assessment I
PSYN822	Psychological Assessment II
PSYN823	Neuropsychopathology
PSYN824	Neuroanatomy for Neuropsychologists
PSYN825	Research Proposal

#### Year 2

PSYN807	Cognitive Behaviour Therapy I
PSYN808	Developmental Neuropsychology (offered every alternate year)
PSYN810	Advanced Psychopathology
PSYN811	Cognitive Neuropsychology
PSYN812	Case Conference/Professional and Ethical Issues II
PSYN813	Recovery and Rehabilitation
PSYN814	Neuropsychological Research Seminar II
PSYN816	Supervised Internship II
PSYN817	Supervised Internship III
PSYN818	Supervised Internship IV
PSYN826	Dissertation (Masters)

Part-time candidates are required, as a minimum, to complete units PSYN803, PSYN821 and PSYN823 in their first year. In addition, all candidates will be required to have passed PSYN824 Neuroanatomy for Neuropsychologists (held in the Sydney region) before proceeding to the second year of the course.

### Master of Clinical Psychology

The course aims to produce scientists/professionals of high calibre, well grounded theoretically and professionally, capable of moving across a range of clinically oriented areas and of assuming full independent professional responsibility in clinical settings and of maintaining an enquiring research attitude in day-to-day work.

**Admission requirements:** An honours degree in psychology, preferably at first-class or second-class division 1 level (or equivalent). Applicants are required to submit a Supplementary Information Form in addition to the standard application form and attend a personal interview.

**Attendance:** Internal; full-time, part-time (Units are not repeated for part-time students, all intending part-time applicants should be able to obtain leave from their employer for at least one day each week. In addition, part-time applicants must demonstrate availability to complete 1,000 hours of supervised placements).

**Length of candidature:** 2 years full-time, 4 years part-time

**Commencement:** March

**Program requirements:** 64 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Dr John Franklin  
(Course Director)

**Tel:** (02) 9850 8031

**Fax:** (02) 9850 8062

**Email:** john.franklin@mq.edu.au  
Ms Rachele Louison  
(General)

**Tel:** (02) 9850 8087

**Fax:** (02) 9850 8062

**Email:** rachele.louison@mq.edu.au

**Website:** www.psy.mq.edu.au

### Program Structure

Candidates complete the following program. Full time candidates are expected to complete in two years:

#### Year 1

PSY863	Research Design and Evaluation
PSY904	Counselling and Cultural Perspectives (includes 1 day Suicide Workshop)
PSY927	Cognitive Behaviour Therapy II
PSY928	Psychological Assessment II (Clinical)
PSY930	Professional Practice (includes 1 day Ethics Workshop)
PSY933	Research Proposal
PSY956	Supervised Internship I
PSY961	Advanced Psychopathology
PSY962	Psychological Assessment I (Clinical)
PSY965	Cognitive Behaviour Therapy I (Clinical)

*Elective 1 (see Electives below)*

*Elective 2 (see Electives below)*

#### Year 2

PSY919	Developmental Psychopathology
PSY926	Psychology of Health
PSY929	Clinical Psychopharmacology
PSY934	Dissertation (full year)
PSY957	Supervised Internship
PSY958	Supervised Internship
PSY959	Supervised Internship
PSY966	Neuropsychological Disorders (Clinical)
Electives 3 and 4 (see Electives below)	

*Electives (four units to be selected)*

(NOTE: Some electives are held as 4-day workshops)

PSY868	Dynamic Psychotherapy
PSY917	Therapy with Children and Families
PSY811	Working with Families
PSYS830	Trauma: Legacies and Interventions
PSYS832	Invitations to Responsibility
PSY803	Groups
PSY805	Narrative Therapy

or

Approved units from the Master of Clinical Neuropsychology, Master of Counselling Psychology,

## Part Two – Postgraduate Study

Master of Organisational Psychology or selected units from the NSW Institute of Psychiatry.

Part-time candidates can complete units PSY904, PSY965, PSY930, PSY927 and Elective 1 before proceeding to the second year of the course. Minimum load for the first year is PSY904, PSY965 and PSY927.

### Master of Counselling Psychology

Students completing this course will be able to work as counselling psychologists in a variety of settings including the Family Court of Australia, Vietnam Veterans Counselling Service, University Counselling Services, Department of Corrective Services, hospitals, various organisations working with families, church and charitable welfare agencies, in commercial settings such as personnel departments, as well as in private practice.

**Admission requirements:** The normal admission requirement is an honours degree in psychology but other appropriate 4-year psychology qualifications will be considered. Applicants are required to submit a Supplementary Information Form in addition to the standard application form and attend a personal interview.

**Attendance:** Internal; full-time, part-time. Involves attendance at the University for two half-days and some evenings each week during the year, as well as several Saturday workshops.

**Length of candidature:** 2 years full-time, 4 years part-time

**Commencement:** March

**Program requirements:** 64 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Dr Jac Brown  
(Course Director)  
**Tel:** (02) 9850 8094  
**Fax:** (02) 9850 8062  
**Email:** jac.brown@mq.edu.au

Dr Carolyn Schniering  
(Academic)  
**Tel:** (02) 9850 6741  
**Fax:** (02) 9850 8062  
**Email:** carolyn.schniering@mq.edu.au

Ms Rachelle Louison  
(General)  
**Tel:** (02) 9850 8087  
**Fax:** (02) 9850 8062  
**Email:** rachelle.louison@mq.edu.au  
**Website:** www.psy.mq.edu.au

### Program Structure

Candidates complete the following program. Full time candidates are expected to complete in two years:

#### Year 1

PSY863	Research Design and Evaluation
PSYC900	Supervised Placement I
PSYC904	Case Conference – Interviewing and Problem Formulation (*)
PSYC908	Counselling Theory and Practice I

PSYC911	Advanced Lifespan Psychology for Counsellors
Elective 1 or PSYC912	Group Processes and Counselling (only offered every second year)
PSYC917	Research Proposal (full year)
PSYC940	Psychological Assessment and Evaluation
PSYC960	Practicum in Counselling Psychology (or else take in second year)
PSYC961	Advanced Counselling Theory and Practice

*Elective 2 (see Electives below)*

#### Year 2

PSYC901	Supervised Placement II
PSYC902	Supervised Placement III
PSYC903	Supervised Placement IV
PSYC905	Issues in Professional Practice (*)
PSYC906	Special Populations (*)
PSYC907	Therapeutic Relationship (*)
PSYC912	or Elective 4 (see Electives below)
PSYC918	Dissertation

*Elective 3 (see Electives below)*

(\*) – Note that PSYC904 and PSYC905 alternate each year with PSYC906 and PSYC907 – students complete one per semester, whichever one is currently being offered.

#### Elective

Three units to be chosen from the following list or from appropriate Masters level courses. One unit may be chosen from approved institution units. Currently, the Institute for Emotionally Focused Therapy and the NSW Institute of Psychiatry also offers approved units.

(Note: Some electives are held as 4-day workshops)

PSY868	Psychotherapy
PSY917	Therapy with Families
PSYC922	Couple Therapy
PSYO915	Organisational Change and Development
PSYO919	Training in Organisations
PSYO921	Applied Psychology in Human Resource Management
PSYS811	Working with Families
PSYS812	Cognitive Behavioural Approaches
PSYS830	Trauma: Legacies and Interventions
PSYS832	Invitations to Responsibility

Part-time candidates can complete units PSYC908, PSY863, PSYC960, PSYC961 and PSYC911 before proceeding to the second year of the course. Minimum load for the first year is PSYC908, PSYC912 (if offered or first elective) PSYC960 and PSYC961.

### Postgraduate Diploma in Counselling Psychology

This program involves completing units that are part of the professional masters program in Counselling Psychology.

**Please note:** This program does not lead to membership of the Australian Psychological Society or to registration

## Handbook of Postgraduate Studies – 2004

with the NSW Psychologist Registration Board in its own right. However, students who complete credit points for the Diploma program may credit these towards the relevant Masters program, providing they are accepted into the full Masters program.

**Admission requirements:** An honours degree in psychology or the completion of an approved alternative fourth year in psychology. Applicants are required to submit a Supplementary Information Form in addition to the standard application form and attend a personal interview.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–3 years

**Commencement:** March

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point;

**Enquiries:** Dr Jac Brown  
(Course Director)

**Tel:** (02) 9850 8094

**Fax:** (02) 9850 8062

**Email:** jac.brown@mq.edu.au  
Dr Carolyn Schniering  
(Academic)

**Tel:** (02) 9850 6741

**Fax:** (02) 9850 8062

**Email:** carolyn.schniering@mq.edu.au  
Ms Rachelle Louison  
(General)

**Tel:** (02) 9850 8087

**Fax:** (02) 9850 8062

**Email:** rachelle.louison@mq.edu.au

**Website:** www.psy.mq.edu.au

### Program Structure

Candidates complete the following program:

*Core* (16 postgraduate credit points)

PSYC908 Counselling Theory and Practice I

PSYC912 Group Processes and Counselling

PSYC911 Advanced Lifespan Psychology for Counsellors

PSYC940 Psychological Assessment and Evaluation

*Electives* (total of 16 postgraduate credit points to be completed)

Units to be selected from the following list or other appropriate units

PSYO915 Organisational Change and Development

PSYO921 Applied Psychology in Human Resource Management

PSY863 Research Design and Evaluation

PSYS811 Working with Families

PSY868 Psychotherapy

### Postgraduate Certificate in Counselling Psychology

This program involves completing units that are part of the professional masters program in Counselling Psychology.

| 220

**Please note:** This program does not lead to membership of the Australian Psychological Society or to registration with the NSW Psychologist Registration Board in its own right. However, students who complete credit points for the Certificate program may credit these towards the relevant Masters program, providing they are accepted into the full Masters program.

**Admission requirements:** An honours degree in psychology or the completion of an approved alternative 4th year in psychology. Applicants are required to submit a Supplementary Information Form in addition to the standard application form and attend a personal interview.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1–3 years

**Commencement:** March

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$275.00 per postgraduate credit point

**Enquiries:** Dr Jac Brown  
(Course Director)

**Tel:** (02) 9850 8094

**Fax:** (02) 9850 8062

**Email:** jac.brown@mq.edu.au  
Dr Carolyn Schniering  
(Academic)

**Tel:** (02) 9850 6741

**Fax:** (02) 9850 8062

**Email:** carolyn.schniering@mq.edu.au  
Ms Rachelle Louison  
(General)

**Tel:** (02) 9850 8087

**Fax:** (02) 9850 8062

**Email:** rachelle.louison@mq.edu.au

**Website:** www.psy.mq.edu.au

### Program Structure

Candidates complete the following program:

*Core* (4 postgraduate credit points)

PSYC908 Counselling Theory and Practice I

*Electives* (total of 12 postgraduate credit points to be completed)

Units to be selected from the following list or other appropriate units.

PSYO919 Training in Organisations

PSYC911 Advanced Lifespan Psychology for Counsellors

PSYC912 Group Processes and Counselling

PSYC940 Psychological Assessment and Evaluation

PSY863 Research Design and Evaluation

### Master of Organisational Psychology

Students completing this course will work as organisational psychologists in consultancies, large companies or government departments in areas such as human resources management, training, job design, work place and career counselling, rehabilitation and occupational health and safety.

## Part Two – Postgraduate Study

**Admission requirements:** The normal admission requirement is an honours degree in psychology or the completion of an approved alternative 4th year in psychology. Applicants are required to submit a Supplementary Information Form in addition to the standard application form. There are no personal interviews held for this course.

**Attendance:** Internal; full-time, part-time. Involves attendance at the University for two half-days and some evenings each week during the year

**Length of candidature:** 2 years full-time but can be completed in up to 4 years part-time

**Commencement:** March

**Program requirements:** 64 postgraduate credit points

**Tuition fee 2004:** \$275.00 per postgraduate credit point

**Enquiries:** Dr Jane Carstairs  
(Course Director)

**Tel:** (02) 9850 8005

**Fax:** (02) 9850 8062

**Email:** jane.carstairs@mq.edu.au  
Dr Peter Langford  
(Academic)

**Tel:** (02) 9850 8020

**Fax:** (02) 9850 8062

**Email:** peter.langford@mq.edu.au  
Dr Ben Searle  
(Academic)

**Tel:** (02) 9850 8066

**Fax:** (02) 9850 8062

**Email:** ben.searle@mq.edu.au  
Ms Rachelle Louison

**Tel:** (02) 9850 8087

**Fax:** (02) 9850 8062

**Email:** rachelle.louison@mq.edu.au

**Website:** www.psy.mq.edu.au

### Program Structure

Candidates complete the following program. Full time candidates are expected to complete in two years:

#### Year 1

PSY863	Research Design and Evaluation
PSYO915	Organisational Change and Development
PSYO919	Training in Organisations
PSYO921	Applied Psychology in Human Resource Management
PSYO930	Supervised Placement I
PSYO931	Supervised Placement II
PSYO934	Professional Practice I
PSYO935	Professional Practice II
PSYO940	Psychological Assessment and Evaluation
PSYO944	Research Proposal (full year)

#### Year 2

PSYO914	Industrial and Organisational Psychology
PSYO932	Supervised Placement III
PSYO933	Supervised Placement IV
PSYO936	Professional Practice III
PSYO937	Professional Practice IV
PSYC908	Counselling Theory and Practice I
PSYO945	Dissertation (full year)

First Elective (see Electives below)

Second Elective (see Electives below)

### Electives

Two elective units are to be chosen from approved units from the Master of Counselling or Clinical Psychology or the Master of Business Administration program in the Graduate School of Management, or any other units approved by the Course Director. Electives are subject to availability and might change from year to year. Some electives may not be offered every year. Please note that extra costs may be involved if students elect to take units in the Graduate School of Management.

Part-time candidates are expected to enrol in at least 8 credit points per semester. Part-time programs must be discussed with the Course Director.

## Postgraduate Diploma in Organisational Behaviour

This program requires the completion of eight units which are part of the professional Masters program in Organisational Psychology, but without the required 1,000 hours of placement and the research component.

**Please note:** This program does not lead to membership of the Australian Psychological Society or eligibility for registration with the NSW Registration Board. However, students who complete units for the Postgraduate Diploma in Organisational Behaviour may credit these towards a Master of Organisational Psychology, providing they are accepted into the full Masters program.

**Admission requirements:** An honours degree in psychology or the completion of an approved alternative 4th year in psychology. Applicants are required to submit a Supplementary Information Form in addition to the standard application form. There are no personal interviews held for this course.

**Attendance:** Internal, attendance on some half days and evenings

**Length of candidature:** 1–3 years, full-time or part-time

**Commencement:** March

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$275.00 per postgraduate credit point;

**Enquiries:** Dr Jane Carstairs  
(Course Director)

**Tel:** (02) 9850 8005

**Fax:** (02) 9850 8062

**Email:** jane.carstairs@mq.edu.au  
Dr Peter Langford  
(Academic)

**Tel:** (02) 9850 8020

**Fax:** (02) 9850 8062

**Email:** peter.langford@mq.edu.au  
Dr Ben Searle  
(Academic)

**Tel:** (02) 9850 8066

**Fax:** (02) 9850 8062

**Email:** ben.searle@mq.edu.au

## Handbook of Postgraduate Studies – 2004

Ms Rachelle Louison  
**Tel:** (02) 9850 8087  
**Fax:** (02) 9850 8062  
**Email:** rachelle.louison@mq.edu.au  
**Website:** www.psy.mq.edu.au

### Program Structure

Candidates complete the following program:

*Core* (16 postgraduate credit points)

PSYO921 Applied Psychology in Human Resource Management  
 PSYO915 Organisational Change and Development  
 PSYO919 Training in Organisations  
 PSYO940 Psychological Assessment and Evaluation

*Electives* (total of 16 postgraduate credit points to be completed)

Units to be selected from the following list or other appropriate units

PSYO939 Counselling in Organisations  
 or  
 PSYC908 Counselling Theory and Practice I  
 PSYC911 Advanced Lifespan Psychology for Counsellors  
 PSYO914 Industrial and Organisational Psychology  
 PSY863 Research Design and Evaluation

### Postgraduate Certificate in Organisational Behaviour

This program involves completing four units, which are part of the professional Masters program in Organisational Psychology, but without the required 1,000 hours of placement and the research component.

**Please note:** This program does not lead to membership of the Australian Psychological Society or eligibility for registration with the NSW Registration Board. However, students who complete units for the Postgraduate Certificate in Organisational Behaviour may credit these towards the Postgraduate Diploma in Organisational Behaviour or the Master of Organisational Psychology, providing they are accepted into one of these programs.

**Admission requirements:** An honours degree in psychology or the completion of an approved alternative 4th year in psychology. Applicants are required to submit a Supplementary Information Form in addition to the standard application form. There are no personal interviews held for this course.

**Attendance:** Internal. Attendance on some half days and evenings

**Length of candidature:** 1–3 years, full-time or part-time

**Commencement:** March

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$275.00 per postgraduate credit point

**Enquiries:** Dr Jane Carstairs  
 (Course Director)

**Tel:** (02) 9850 8005  
**Fax:** (02) 9850 8062

222

**Email:** jane.carstairs@mq.edu.au  
 Dr Peter Langford  
 (Academic)  
**Tel:** (02) 9850 8020  
**Fax:** (02) 9850 8062  
**Email:** peter.langford@mq.edu.au  
 Dr Ben Searle  
 (Academic)

**Tel:** (02) 9850 8066  
**Fax:** (02) 9850 8062  
**Email:** ben.searle@mq.edu.au  
 Ms Rachelle Louison  
**Tel:** (02) 9850 8087  
**Fax:** (02) 9850 8062  
**Email:** rachelle.louison@mq.edu.au  
**Website:** www.psy.mq.edu.au

### Program Structure

Candidates complete the following program:

*Core* (8 postgraduate credit points)

PSYO921 Applied Psychology in Human Resource Management  
 PSYO915 Organisational Change and Development

*Electives* (total of 8 postgraduate credit points to be completed)

Units to be selected from the following list

PSY863 Research Design and Evaluation  
 PSYO919 Training in Organisations  
 PSYO940 Psychological Assessment and Evaluation

In special cases it is possible to take other units with the permission of the Program Director.

### Master of Social Health

The Social Health programs aim to produce graduates with:

- a broad knowledge of the personal and social contexts within which social health issues arise and are maintained;
- an understanding of the impact of social health issues, and the current responses to these phenomena;
- a critical appreciation of the variety of preventive strategies, and a basic competence in developing and implementing such strategies;
- a critical appreciation of the variety of current treatment approaches and goals, and of their relationship to current health care practices;
- an appreciation of the need for and the role of research in this area.

**Admission requirements:** Entry to the Master in Social Health program requires a recognised degree including a research project or completion of the requirements for the Postgraduate Diploma in Social Health. It is desirable that candidates be working with people who have social health needs.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 2 years full-time

## Part Two – Postgraduate Study

**Commencement:** March, July

**Program requirements:** 64 postgraduate credit points (or 32 pg credit points if PG Diploma in Social Health requirements have been met)

**Tuition fee 2004:** HECS

**Enquiries:** Dr Daphne Hewson (Academic)

**Tel:** (02) 9850 8019

**Fax:** (02) 9850 8062

**Email:** daphne.hewson@mq.edu.au  
Ms Michelle Dickson

**Tel:** (02) 9850 7738

**Fax:** (02) 9850 8062

**Email:** health@psy.mq.edu.au

**Website:** <http://online.mq.edu.au/pub/PSYMSH/>

### Program Structure

Candidates are required to complete five core units (including a research project), two units each of one or more of the strands available and a range of elective units relevant to the chosen strand(s). Eight units may be counted towards Psychology registration requirements (for eligible candidates). See below for details of Program Structure.

### Postgraduate Diploma in Social Health

The Social Health programs aim to produce graduates with:

- a broad knowledge of the personal and social contexts within which social health issues arise and are maintained;
- an understanding of the impact of social health issues, and the current responses to these phenomena;
- a critical appreciation of the variety of preventive strategies, and a basic competence in developing and implementing such strategies;
- a critical appreciation of the variety of current treatment approaches and goals, and of their relationship to current health care practices;
- an appreciation of the need for and the role of research in this area.

**Admission requirements:** Entry to the Postgraduate Diploma in Social Health program requires a recognised 3 year degree or completion of the requirements for the Postgraduate Certificate in Social Health.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points (or 16 pg credit points if PG Certificate in Social Health requirements have been met)

**Tuition fee 2004:** HECS

**Enquiries:** Dr Daphne Hewson  
(Academic)

**Tel:** (02) 9850 8019

**Fax:** (02) 9850 8062

**Email:** daphne.hewson@mq.edu.au  
Ms Michelle Dickson

**Tel:** (02) 9850 7738

**Fax:** (02) 9850 8062

**Email:** health@psy.mq.edu.au

**Website:** <http://online.mq.edu.au/pub/PSYMSH/>

### Program Structure

Candidates complete two core units, two units each of one or more of the strands available and a range of elective units relevant to the chosen strand(s). See below at p17 for details of Program Structure.

### Postgraduate Certificate in Social Health

The Social Health programs aim to produce graduates with:

- a broad knowledge of the personal and social contexts within which social health issues arise and are maintained;
- an understanding of the impact of social health issues, and the current responses to these phenomena;
- a critical appreciation of the variety of preventive strategies, and a basic competence in developing and implementing such strategies;
- a critical appreciation of the variety of current treatment approaches and goals, and of their relationship to current health care practices;
- an appreciation of the need for and the role of research in this area.

**Admission requirements:** A recognised basic qualification in a relevant field or, in special cases, other evidence of professional or academic attainment. It is desirable that candidates be working with people who have social health needs.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Daphne Hewson  
(Academic)

**Tel:** (02) 9850 8019

**Fax:** (02) 9850 8062

**Email:** daphne.hewson@mq.edu.au  
Ms Michelle Dickson

**Tel:** (02) 9850 7738

**Fax:** (02) 9850 8062

**Email:** health@psy.mq.edu.au

**Website:** <http://online.mq.edu.au/pub/PSYMSH/>

### Program Structure

Candidates complete two core units and two units each of one or more of the strands available.

Units available for the Master of, Postgraduate Diploma and Postgraduate Certificate in Social Health.

#### Core

PSYS833 Social Health Perspectives (Core for all programs)

## Handbook of Postgraduate Studies – 2004

- PSYS834 Counselling and Professional Practice (core for all programs unless prior expertise)  
 PSYS835 Social Health Research (Core for Masters)  
 PSYS837 Research Project I (Core for Masters)  
 PSYS838 Research Project II (Core for Masters)

### Strand units (2 units to be selected)

#### Strand A: Drugs and Social Health

- PSYS824 Drugs & Social Health I (Context and Effects)  
 PSYS825 Drugs & Social Health II (Interventions)

#### Strand B: Child Protection

- PSYS813 Child Abuse and Neglect  
 PSYS826 Evidential Interviewing

#### Strand C: Law and Social Health

- PSYS827 Criminal Justice and Social Health I  
 PSYS828 Criminal Justice and Social Health II

#### Strand D: Indigenous Health Workers

- ABST801 Indigenous Health Workers I\*  
 ABST802 Indigenous Health Workers II\*

### Electives (for Diploma and Masters students only)

Units to be selected from the following units relevant to the chosen strand(s)

- ABST800 Indigenous Social Health\*  
 PSYS830 Trauma: Legacies and Interventions  
 PSYS803 Working with Groups  
 PSYS811 Working with Families  
 PSYS823 Working with Children  
 PSYS821 Working with Youth  
 PSYS822 Lifespan Development  
 PSYS812 Cognitive Behavioural Approaches  
 PSYS836 Organisational Change and Development  
 PSYS805 Narrative Approaches to Social Health  
 PSYS829 Narrative and Community Interventions  
 PSYS831 Advanced Counselling  
 PSYS832 Invitations to Responsibility  
 PSYS839 Research Case Study  
 PSYS840 Psychological Testing  
 PSYS841 Contemporary Issues in Social Health  
 PSYS842 Professional Placement I  
 PSYS843 Professional Placement II

\* Indigenous identity is a prerequisite for ABST801 and ABST802 (Indigenous Health Workers I and II), while ABST800 Indigenous Social Health is designed for non-indigenous candidates.

Cross Credit: The Social Health program recognises approved units offered by the NSW Institute of Psychiatry

## Postgraduate Diploma in Psychology

The course is recognised by the NSW Psychologists Registration Board as constituting a "Fourth Year" in Psychology and has accreditation from the Australian Psychological Society (APS). The Psychology Department includes staff with extensive experience and research interests in the various practice areas of psy-

chology, including measurement and assessment, counselling skills, abnormal psychology, developmental psychology, neuropsychology, health psychology, organisational psychology, research design, and family psychology. The course will also involve collaboration with professionals working in these various fields.

**Admission requirements:** Applications will be considered from those who hold a three-year degree with an APS approved Psychology major (or equivalent qualification). Applicants will normally be required to have attained a Grade Point Average (GPA) equivalent of at least 2.7 in psychology units; and to have passed (at a "CR" grade or above) a 200-level statistics unit and a measurement and assessment (psychological testing) unit. Preference will be given to students with work experience in an area of psychological practice. It is considered to be an advantage for students to have completed PSY341/PSY345: Theory and Practice of Survey Research (at Macquarie University), but this unit is not compulsory.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time, 2 years part-time

**Commencement:** March

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point

**Enquiries:** Dr Cathy McMahon  
(Academic)

**Tel:** (02) 9850 6213

**Fax:** (02) 9850 8062

**Email:** cmcmahon@psy.mq.edu.au

Dr Sandra Cotton

(Academic)

**Tel:** (02) 9850 8060

**Fax:** (02) 9850 8062

**Email:** sandra.cotton@mq.edu.au

Ms Anett Mudriczki

(General)

**Tel:** (02) 9850 6754

**Fax:** (02) 9850 8062

**Email:** anett.mudriczki@mq.edu.au

**Website:** [www.psy.mq.edu.au/courses/c\\_pdp.htm](http://www.psy.mq.edu.au/courses/c_pdp.htm)

## Program Structure

All candidates should complete the core units PSYC943 Research Project and PSYC886 Research Design in their first year of study. The remaining two core and two elective units should be completed in either the first or second years of study.

### Core (all units to be completed)

- PSYC943 Research Project (full year unit)  
 PSYC883 Ethical, Conceptual and Professional Issues  
 PSYC885 History and Theory in Psychology  
 PSYC886 Research and Design

## Part Two – Postgraduate Study

### *Electives (2 units to be completed)*

Note that not all units will be offered each year and availability depends on student numbers, quotas may also apply to some units.

PSYC846	Advanced Issues in Developmental Psychology: Child Abuse and Neglect
PSYC875	Health Psychology
PSYC880	Introduction to Theories of Counselling
PSYC881	Psychological Assessment and Evaluation
PSYC951	Advanced Issues in Social and Personality Psychology
PSYC954	Social Psychology and Film
PSYC887	Advanced Issues in Organisational Psychology

### Postgraduate Diploma in Applied Psychology

The Postgraduate Diploma in Applied Psychology is the first university-based course designed to help fourth year psychology graduates gain the necessary theoretical and practical training to meet the requirements for registration as a psychologist in NSW. The program provides considerably more hours of training than is required for registration, and ensures that appropriate supervision arrangements are set up so that our students will qualify to apply for full registration as a psychologist after graduating from this course. The program focuses on developing counselling skills, although some of the teaching modules are able to flexibly address other areas of psychological skill development of interest to students.

**Admission requirements:** Applications will be considered from individuals who have completed a 4 year full-time (or equivalent part-time) course specialising in psychology that is recognised by the NSW Psychologists Registration Board. A selection interview may be conducted to assess personal suitability.

**Attendance:** Internal; part-time (if two units per semester)

**Length of candidature:** The Postgraduate Diploma in Applied Psychology has been designed to run for two years (with students taking two units per semester) as the Psychologists Registration Board specifies a minimum of two years of supervised psychology-related work as a registration requirement. However, those students wishing to take on a heavier workload are able to undertake four units per semester which will result in the completion of the Diploma in one year. Students taking this latter option would still need to complete an additional year of supervised work as an intern psychologist before being eligible for full registration as a psychologist.

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point. Students will usually incur an additional cost for individual supervision, which will vary on the basis of individual arrangements made with external supervisors.

**Enquiries:** Dr Daphne Hewson  
(Academic)  
**Tel:** (02) 9850 8019  
**Fax:** (02) 9850 8062  
**Email:** daphne.hewson@mq.edu.au  
Administrative Assistant  
(General)  
**Tel:** (02) 9850 7738  
**Fax:** (02) 9850 8062  
**Email:** health@psy.mq.edu.au  
**Website:** <http://online.mq.edu.au/pub/PSYREGO/>

### Program Structure

The Diploma involves eight core units. These units have been designed to cover the requisite theoretical and practical training for the successful completion of the seven certificates required by the NSW Psychologists Registration Board for full registration as a psychologist.

#### Core

PSYA901	Applied Psychology 1
PSYA902	Applied Psychology 2
PSYA903	Applied Psychology 3
PSYA904	Applied Psychology 4
PSYA905	Applied Psychology 5
PSYA906	Applied Psychology 6
PSYA907	Applied Psychology 7
PSYA908	Applied Psychology 8

### Postgraduate Certificate in Applied Psychology

The Postgraduate Certificate in Applied Psychology is the first university-based course designed to help fourth year psychology graduates gain the necessary theoretical and practical training to meet the requirements for registration as a psychologist in NSW. The program provides considerably more hours of training than is required for registration, and ensures that appropriate supervision arrangements are set up so that our students will qualify to apply for full registration as a psychologist after graduating from this course. The program focuses on developing counselling skills, although some of the teaching modules are able to flexibly address other areas of psychological skill development of interest to students.

**Admission requirements:** Applications will be considered from individuals who have completed a 4 year full time (or equivalent part-time) course specialising in psychology that is recognised by the NSW Psychologists Registration Board. A selection interview may be conducted to assess personal suitability.

**Attendance:** Internal; part-time (if two units per semester)

**Length of candidature:** 0.5 year full-time; 1 year part-time

**Commencement:** March, July

**Program requirements:** 16 postgraduate credit points

**Tuition fee 2004:** \$275.00 per credit point. Students will usually incur an additional cost for individual

## Handbook of Postgraduate Studies – 2004

supervision, which will vary on the basis of individual arrangements made with external supervisors.

**Enquiries:** Dr Daphne Hewson  
(Academic)  
**Tel:** (02) 9850 8019  
**Fax:** (02) 9850 8062  
**Email:** daphne.hewson@mq.edu.au  
Administrative Assistant  
(General)  
**Tel:** (02) 9850 7738  
**Fax:** (02) 9850 8062  
**Email:** health@psy.mq.edu.au  
**Website:** <http://online.mq.edu.au/pub/PSYREGO/>

### Program Structure

The Certificate involves four core units. These units have been designed to cover the requisite theoretical and practical training for the successful completion of the seven certificates required by the NSW Psychologists Registration Board for full registration as a psychologist.

#### Core

PSYA901	Applied Psychology 1
PSYA902	Applied Psychology 2
PSYA903	Applied Psychology 3
PSYA904	Applied Psychology 4

## Macquarie Graduate School of Management (MGSM)

### Research Programs

Established as part of Macquarie University in 1969, Macquarie Graduate School of Management (MGSM) is the longest continuously operating business school in New South Wales, Australia. The School is ranked first in Asia and Australia and 42nd in the world for its full-time MBA program (Economist Intelligence Unit, Which MBA 2002?, Global Full-Time MBA Rankings), equal first of Australian MBA programs (*Australian Financial Review BOSS Magazine*, 2002), in the top 45 business schools worldwide for executive education (*London Financial Times*, 2002) and the number one business school in New South Wales, Australia (*Business Review Weekly*, 2000).

A key part of Macquarie Graduate School of Management's (MGSM) mission is a vigorous program of research. The research work of the school is considered a vital ingredient in the teaching activities of our students whether at postgraduate or doctoral levels. The interdependency of research and teaching contributes also to the School's offerings in its Executive Education programs, ensuring that Faculty are fully cognisant of the most recent needs, trends and demands of clients in both the private and public sectors.

The School aims to maintain and extend its research profile and research related productivity through scholarly activities in terms of publications and funded research, including its range of consulting activities. It endeavours to maintain and develop its record as one of the pre-eminent management schools in the country and region by encouraging excellence in management scholarship, research (both pure and applied), and education.

The output of the School's research activities is diverse. Staff regularly publish their work in books, journals and academic monographs; publish specialist and commissioned reports; widely disseminate research at conferences and seminars, both nationally and internationally; and contribute to public knowledge through the mass media. In addition, research is embedded in and informs the teaching and consulting activities which the School undertakes, clearly aimed at reaching the research agendas of students, industry and the public sector. The critical approach to management and organisation studies ensures the School remains at the cutting edge of the field in its curricula and teaching materials, vital at the post-graduate level with which the School is primarily concerned.

MGSM offers a number of doctoral research degrees. The Doctor of Business Administration (DBA) is a full-fee paying, three-year full-time, up to six years part-time, research degree aimed at management professionals. The overall aim of the program is to equip managers with the

## Part Two – Postgraduate Study

skills and knowledge to apply current research methods in their investigation and resolution of organisationally-based problems. The DBA program requires a high level of face-to-face interaction between student and supervisor and so is not offered externally. Before undertaking a dissertation candidates in the DBA program complete four coursework units.

MGSM994	Management Research and Investigation
MGSM990	Quantitative Research Methods in Management
MGSM991	Qualitative Research Methods in Management
MGSM992	Literature Survey and Criticism

**Enquiries:** MGSM marketing team  
**Tel:** (02) 9850 9017  
**Email:** [gsminfo@work.gsm.mq.edu.au](mailto:gsminfo@work.gsm.mq.edu.au)  
**Websites:** [www.gsm.mq.edu.au/pgdownloads](http://www.gsm.mq.edu.au/pgdownloads)  
<http://www.ro.mq.edu.au/HDRU/>

The research degree of PhD is offered either full time, part time or externally. A part-time candidate is expected to spend at least 20 hours per week on a program of research and advanced study and to consult regularly with his or her supervisor. The attendance requirement at the Macquarie University campus for external students is three months, sufficient part of which must be during the final phase of thesis preparation. External candidature is available in special circumstances.

**Enquiries:** Professor John Mathews  
 Academic: Director of Research  
**Email:** [gsm\\_research@mq.edu.au](mailto:gsm_research@mq.edu.au)  
 Kelly Callaghan  
 Research Manager  
**Tel:** (02) 9850 9038  
**Fax:** (02) 9850 9942  
**Email:** [gsm\\_research@mq.edu.au](mailto:gsm_research@mq.edu.au)  
 Beth Simpson  
 Client Services Officer  
**Tel:** (02) 9850 9086  
**Fax:** (02) 9850 9942  
**Email:** [gsm\\_research@mq.edu.au](mailto:gsm_research@mq.edu.au)  
 or  
 Jayshree Thuraisingam  
**Tel:** (02) 9850 7732  
**Fax:** (02) 9850 9942  
**Email:** [gsm\\_research@mq.edu.au](mailto:gsm_research@mq.edu.au)

### Coursework Programs

MGSM's high quality programs are taught in modern, dedicated facilities at both its North Ryde and Sydney CBD campuses, ensuring a high degree of flexibility for practising managers. MGSM has also established an international reputation for excellence and offers a range of programs in Singapore and Hong Kong, taught by its Australian-based faculty.

In addition to award programs, MGSM also offers a wide range of public and in-house executive development programs through its commercial arm, MGSM Pty Ltd. These programs are all presented by the School's faculty

and visiting experts in the field, ensuring the highest quality possible in management education.

Further information can be found at [www.gsm.mq.edu.au](http://www.gsm.mq.edu.au).

Where a course has the fees payable marked with a hash (#), this means that based on current interest, it is expected that all students can be accommodated in HECS places. If it is necessary to limit numbers, the HECS places will be awarded on academic merit from amongst applicants received by 14 December 2003.

Further information regarding these programs is available from MGSM, which issues annual publications detailing all programs of study, members of the teaching staff and details of their areas of expertise and research interests.

**Enquiries:** Macquarie Graduate School of Management  
**Tel:** (02) 9850 9017  
**Fax:** (02) 9850 9022  
**Email:** [gsminfo@gsm.mq.edu.au](mailto:gsminfo@gsm.mq.edu.au)  
**Website:** [www.gsm.mq.edu.au](http://www.gsm.mq.edu.au)

### Programs Offered

MGSM offers the following range of coursework programs:

#### Master of Business Administration (MBA)

#### Master of Management

with specialisations in either:

**Management**  
**Financial Management**  
**Human Resource Management**  
**Information Technology Management**  
**International Management**  
**Marketing Management**  
**Operations Management**  
**Technology Management**

#### Postgraduate Diploma

in:

**Management**  
**Financial Management**  
**Human Resource Management**  
**Marketing Management**  
**Operations Management**  
**Technology Management**

#### Postgraduate Certificate

in:

**Management**  
**Marketing Management**

## Division of Society, Culture, Media and Philosophy

### Research Programs

#### DEPARTMENT OF ANTHROPOLOGY

Ethnographic and cultural research is conducted in Aboriginal Australia, Melanesia, the Pacific, North, South and South East Asia and Latin America. Of special interest are theoretical and development studies and applied anthropology, tradition and transformation, identity and subjectivity, art and affect, culture and media, medical anthropology, religion, gender and sexuality studies.

**Enquiries:** Dr. Jennifer Biddle  
**Tel:** (02) 9850-7564  
**Fax:** (02) 9850-9391  
**Email:** [jbiddle@scmp.mq.edu.au](mailto:jbiddle@scmp.mq.edu.au)  
**Websites:** <http://www.anth.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

#### DEPARTMENT OF CRITICAL AND CULTURAL STUDIES

The Department of Critical and Cultural Studies is open to research proposals in any area of cultural studies; critical theory, writing and theatre and performance studies. Its strengths lie particularly in the areas of cultural and literary theory, poststructuralism, gender studies, theories of subjectivity, queer theory, cultural studies, discourse analysis, popular culture, American and Australian literary and cultural studies, Australian theatre and performance studies, Shakespeare in performance, race and ethnicity studies, and migration and diaspora studies. The Department also hosts the Institute for Women's Studies (see below).

**Enquiries:** Dr Joseph Pugliese  
**Tel:** (02) 9850 8863  
**Email:** [jpuglies@scmp.mq.edu.au](mailto:jpuglies@scmp.mq.edu.au)  
**Websites:** <http://www.ccs.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

#### CENTRE FOR INTERNATIONAL COMMUNICATION

The Macquarie University Centre for International Communication offers research programs in a variety of areas including communication and development; communication and international political economy; computer-mediated communication; cross-cultural communication; image flows; information flows; international public relations; media and East Asian studies. MUCIC research students are currently working in areas which include identity, modernisation, public relations, and communi-

cation policy - in relation to Bosnia, China, Japan, Malaysia, Thailand and Vietnam.

#### International Communication requirements

Students should consult the MUCIC website for details of how to proceed with an application. Prospective students are required to develop a proposal in consultation with Associate Professor Naren Chitty prior to submitting an application. Four candidates are selected each year ie two per semester. Deadlines for submitting applications are May 1 and November 1 for the respective following semester. Applications will be reviewed on the day following these dates. Students without a formal background in International Communication may be required to take some MA units in their first year. Students report on their project each semester at the Research Student Seminar and are encouraged to audit appropriate MA units.

**Enquiries:** Naren Chitty  
**Tel:** (02) 9850 7931  
**Email:** [naren.chitty@mq.edu.au](mailto:naren.chitty@mq.edu.au)  
**Websites:** [www.mucic.mq.edu.au](http://www.mucic.mq.edu.au)  
<http://www.ro.mq.edu.au/HDRU/>

#### DEPARTMENT OF MEDIA

Research degrees are offered at the levels of Master of Arts, Master of Arts (Honours) and PhD. Research orientations reflect the Department's integrated approach to media theory and production. Supervision by qualified staff is offered for research in two modes: 100% written thesis; or non-traditional thesis comprising media product with critical commentary.

Current areas of staff research include media theory, new media technologies, globalisation, media production in audio-visual, written and multimedia forms, screen writing, contemporary music, Australian, Asia and Pacific media studies, cultural studies, information gy, film making and film theory, news and current affairs, politics of the media, media industry issues.

**Enquiries:** Dr Noel King  
**Tel:** (02) 9850 8752  
**Fax:** (02) 9850 8892  
 or  
 Christine Jones  
**Tel:** (02) 9850 8786  
**Fax:** (02) 9850 8892  
**Email:** [media@scmp.mq.edu.au](mailto:media@scmp.mq.edu.au)  
**Websites:** <http://www.dmc.mq.edu.au/>  
<http://www.ro.mq.edu.au/HDRU/>

#### DEPARTMENT OF PHILOSOPHY

The Department of Philosophy is able to offer expert supervision in most of the main areas of philosophy, including philosophical logic, philosophy of science, metaphysics, philosophy of mind, nineteenth and twentieth century European philosophy, aesthetics, feminist philosophy, ethics, political philosophy and social philosophy.

## Part Two – Postgraduate Study

### Philosophy requirements

A PhD thesis is normally about 70,000 words and should be an original and significant contribution to knowledge. Like the PhD, the MA (Hons) is a research degree. MA (Hons) students are required to write a dissertation of 30,000-40,000 words which should be a substantial piece of original research. All research students are required to take the postgraduate unit Philosophy Postgraduate Research Seminar. The Unit combines instruction in research methods and thesis writing with a forum for the presentation of research in progress. Waivers may be given in special circumstances (eg for external students).

At the end of the first year of their candidature students will be required to submit a portfolio containing an extended thesis plan and work on the thesis of at least 5,000 words. Work on the thesis will be assessed by two internal markers and the whole portfolio will be assessed by the postgraduate committee. At the end of each subsequent year of his or her candidature the student will have an annual review. The annual review provides an opportunity for the student to discuss his or her supervision with other members of the philosophy staff and it enables the postgraduate committee to ensure work is progressing satisfactorily.

**Enquiries:** Dr Nicholas Smith  
**Tel:** (02) 9850 8881  
**Email:** [nsmith@scmp.mq.edu.au](mailto:nsmith@scmp.mq.edu.au)  
 or  
 Ms Clara Wong  
**Tel:** (02) 9850 8837  
**Email:** [philos@scmp.mq.edu.au](mailto:philos@scmp.mq.edu.au)  
**Websites:** <http://www.phil.mq.edu.au/>  
<http://www.ro.mq.edu.au/HDRU/>

### DEPARTMENT OF SOCIOLOGY

The Department's areas of research specialisation cover a wide field and include governance, social policy and the policy process, social and political theory, feminist theory, gender and sexuality, culture and the arts, and sociology of work. Sociology also has a strong interest in interdisciplinary education and candidates wishing to do a research degree linking sociology to some other area (such as Women's Studies, Aboriginal Studies, Politics or Law) are encouraged to explore the possibilities.

### Sociology requirements

Students will be accepted for research degrees in sociology only if they meet the admission requirements stipulated, and in areas which can be linked to the current research activities of staff in sociology at Macquarie. Entrants are normally expected to hold a good honours degree in sociology, or in another social science (eg anthropology, history, mass communication, philosophy, politics, psychology) where there has been a strong sociological component in the degree. Students without this qualification may apply for entry to a qualifying program.

Acceptance into a research degree is dependent on the availability of supervision. Prospective candidates are strongly advised to approach both the Convenor of Postgraduate Studies in sociology and potential supervisors before making their application to the university.

**Enquiries:** Associate Professor John Lechte  
**Tel:** (02) 9850 8620  
**Email:** [jlechte@scmp.mq.edu.au](mailto:jlechte@scmp.mq.edu.au)  
**Websites:** <http://www.soc.mq.edu.au>  
<http://www.ro.mq.edu.au/HDRU/>

### INSTITUTE FOR WOMEN'S STUDIES

Research degrees in Women's Studies are available through the Department of Critical and Cultural Studies, which provides a base for research in women's studies, gender and sexuality. This transdisciplinary area not only challenges basic methods and presuppositions in established disciplines but also crosses the boundaries between them, giving fresh views of their subject matter. The Women's Studies programs allows studies across several fields, including: sociology, media studies, literary theory, linguistics, cultural studies, gay and lesbian studies, postcolonial theory, communications theory, anthropology, psychology, history, politics, philosophy, indigenous studies, the family, women and development, gender and language, historiography, the home, theories of power, the subject, and others.

### Supervision

The Institute for Women's Studies supports interdisciplinary research degrees. Your proposed supervisor may be located in any of the various Departments who have associated staff. Current research interests of the associate staff can be found under their own departmental listings on the websites. Please give as much information as possible on the application form about your proposed supervisor. If you have not identified a supervisor, contact the Department for advice.

**Enquiries:** Dr Judy Lattas  
 Director of IWS  
**Tel:** (02) 9850 7947  
**Fax:** (02) 9850 8892  
**Email:** [iws@scmp.mq.edu.au](mailto:iws@scmp.mq.edu.au)  
**Websites:** <http://www.iws.mq.edu.au/>  
<http://www.ro.mq.edu.au/HDRU/>

### Coursework Programs

#### Master of Applied Anthropology

The Master of Applied Anthropology is a coursework degree with a research element designed for students who wish to gain a qualification in the area of applied anthropology, with a focus on social and cultural aspects of development and policy research. The degree is most appropriate for students with a social science (or related subject) background and an interest in culture, society and contemporary development issues. Students will

## Handbook of Postgraduate Studies – 2004

have the opportunity to study key development issues including health in South East Asia, refugees and resettlement, current development practice, migration and migrant communities, and Australian Indigenous communities

**Admission requirements:** A Bachelor degree with a significant social science component (eg Anthropology, Sociology, Geography, Social Studies) from a recognised tertiary institution. Other tertiary qualifications together with relevant work experience may also be accepted.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1.5 years full-time, 2 years part-time

**Commencement:** March, July

**Program requirements:** 32 postgraduate credit points

**Tuition fee 2004:** HECS

**Enquiries:** Dr Christopher McDowell

**Tel:** (02) 9850 8014

**Email:** christopher.mcdowell@mq.edu.au

### Program Structure

Candidates complete four units and a research project. A minimum of three coursework units must be taken from ANTH801–ANTH840.

#### Recommended Units

ANTH801	Methodology in Local and Community Studies
ANTH815	Issues in the Sociology of Development
Elective units	
ANTH805	Migrant Communities in Australia
ANTH821	Changing Australian Indigenous Communities
ANTH840	Refugees and Resettlement
HGEO802	Social Impact Assessment and Cross Cultural Communication
POL840	The International System
POL845	International Institutions

#### Research Project

ANTH823 Research Project

## Master of Arts in International Communication

The Master of Arts in International Communication concerns itself with problems such as: how messages of “modernisation” are promoted to and received by audiences and how promotion of “modernisation” through communication strategies affects development in society and identity in the individual; international public relations; issues such as international information flows, communication across cultures, psycho-political aspects of international communication, globalisation and localisation. These issues concern individuals in the North and the South and have a special relevance to those who wish to live and work in developing countries or in organisations working in the international arena. The program offers a mix of practical and theory units which are internationally oriented and geared to regional interests. The

program will be an important milestone in the career paths of a variety of individuals including diplomats and international civil servants, policy makers, development specialists, business people, media managers and journalists. Candidates may opt for a “professional track” or “research track” program.

**Admission requirements:** A Bachelor degree; or evidence of other educational preparation and the capacity to pursue graduate studies. Preference given to highly motivated applicants, with superior academic track records and appropriate working experience. Selection is by quota on the basis of academic merit; work experience; ability to cope with the course, benefit from it, and use it in an Australian and/or international context.

**Attendance:** Internal; full-time, part-time

**Length of candidature:** 1 year full-time; 2 years part-time

**Commencement:** March, July.

**Program requirements:** 32 postgraduate credit points for Coursework track 36 postgraduate credit points for Coursework and Research track (subject to approval)

**Tuition fee 2004:** \$290.00 per credit point for domestic students

#### Enquiries:

**Tel:** (02) 9850 7931

**Fax:** (02) 9850 9689

**Email:** cic@scmp.mq.edu.au

**Website:** www.mucic.mq.edu.au

### Program Structure

#### Coursework Track

Candidates complete three core units and five elective units.

#### Core

Candidates must complete one unit from each of the unit groups listed below.

#### Group A

ICOM811 Communication and Social, Economic and Political Development

ICOM816 Communication & International Political Economy

ICOM817 Transnational Communication

#### Group B

ICOM812 Cross-Cultural Communication

ICOM821 Intercultural Communication

#### Group C

ICOM818 Research Seminar in International Communication

ICOM828 Special Project

ICOM891 Communication Research Methodologies

#### Electives

Electives may be selected from any ICOM postgraduate unit, including units noted above. Up to two postgraduate units from outside of ICOM offerings may be taken as electives with the permission of the Director.

ICOM813 International Communication Flows

ICOM814	Development Communication
ICOM815	Communication and Power Paradigms
ICOM822	Theory and Practice in Production I
ICOM823	Writing for the Media I
ICOM824	Theory and Practice in Production II
ICOM825	Writing for the Media II
ICOM826	Colloquium in Mass Communication I
ICOM827	Colloquium in Mass Communication II
ICOM890	Digital Audio/ Radio Production
ICOM892	International Public Relations and Advertising
ICOM893	Popular Cultural Projects
ICOM895	Information Campaigns
ICOM896	International Communication
ICOM897	New Media in International Communication

*Coursework and Research Track (this option is subject to approval)*

*Candidates complete:*

ICOM891	Communication Research Methodologies
ICOM898	Research Project in International Communication

*And two units selected from the following:*

ICOM812	Cross-Cultural Communication
ICOM816	Communication & International Political Economy
ICOM896	International Communication

## Master of Policy and Applied Social Research

The program of study aims to develop student's skills in applied social research and the analysis of policy in social context. It builds skills in qualitative and basic quantitative social research, research design, evaluation, and reflective as well as critical social analysis of the contemporary policy process.

The program is intended for those who are employed or who want employment in community-based and non-government service organisations; policy agencies in government; trade unions; local government; marketing and social research; and private consultancy.

Admission requirements: A first degree with a major in sociology or another social science; or other tertiary qualifications combined with relevant work experience; or extensive practical experience in policy analysis or applied social research with few formal qualifications. The last category of applicants may be required to complete a qualifying program of relevant undergraduate units prior to entering the Master degree program. Applicants may be called for an interview as part of the selection process.

**Attendance:** Internal; part-time

**Length of candidature:** 2–4 years part-time

**Course requirements:** 32 postgraduate credit points

**Commencement:** March, July

**Tuition fee 2004:** HECS

## Part Two – Postgraduate Study

### Program Structure

**Enquiries:** Dr Michael Fine  
**Tel:** (02) 9850 8037  
**Fax:** (02) 9850 9355  
**Email:** michael.fine@scmp.mq.edu.au  
**Website:** www.soc.mq.edu.au/  
 MPASR\_guidelines.html

### Program Structure

#### By Coursework

Candidates must complete four core units and four elective units normally at 800 level selected from core units in sociology and from cognate postgraduate programs such as the Master of Public Policy, Master of Applied Anthropology or Master of Arts in Human Geography. These may include no more than two units from undergraduate coursework electives at 300-level.

#### By Coursework and Project

Candidates must complete four core units in sociology, two units from cognate postgraduate programs such as the Master of Public Policy or Master of Applied Anthropology, and a research project (8 credit points) under the supervision of academic staff. Admission to the research project will be conditional on students achieving at least a Credit average in their coursework and will be subject to the availability of supervision.

SOC816 Individual Project (full year)

SOC817 Individual Project (half year)

Students are required to consult with the course convenor to ensure that their programs of study fit their career aspirations and their individual interests.

#### Core

SOC810	Governing Society
SOC818	Evaluation and the Policy Process
SOC825	Institutional Design
SOC830	Research Design Practicum
SOC831	Qualitative Methods
SOC863	Policy and Practice in the Human Services

*Plus either:*

#### Pattern A

Four additional units, normally at 800 level selected from core units and from cognate postgraduate programs such as the Master of Public Policy or Master of Applied Anthropology. These may include no more than two units from undergraduate coursework electives at 300 level.

or

#### Pattern B

Two additional units at 800 level and a research project (SOC816/817) under the supervision of academic staff.

This option offers students the opportunity to design and implement a research project under academic supervision. Admission to the research project will be conditional on students achieving at least a Credit average in their coursework, and will be subject to the availability of supervision.

## Handbook of Postgraduate Studies – 2004

### Postgraduate Diploma in Policy and Applied Social Research

The program of study aims to develop student's skills in applied social research and the analysis of policy in social context. It builds skills in qualitative and basic quantitative social research, research design, evaluation, and reflective as well as critical social analysis of the contemporary policy process.

The program is intended for those who are employed or who want employment in community-based and non-government service organisations; policy agencies in government; trade unions; local government; marketing and social research; and private consultancy.

**Admission requirements:** A first degree with a major in sociology or another social science; or other tertiary qualifications combined with relevant work experience; or extensive practical experience in policy analysis or applied social research with few formal qualifications. The last category of applicants may be required to complete a 4 to 8 credit point program of relevant undergraduate units prior to entering the Postgraduate Diploma program. Applicants may be called for an interview as part of the selection process.

**Attendance:** Internal; part-time.

**Length of candidature:** 1–2 years part-time.

**Commencement:** March, July.

**Program requirements:** 24 postgraduate credit points (at 800 level)

**Tuition fee 2004:** HECS

**Enquiries:** Dr Michael Fine

**Tel:** (02) 9850 8037

**Fax:** (02) 9850 9355

**Email:** michael.fine@scmp.mq.edu.au

**Website:** www.soc.mq.edu.au/PDPASR.html

#### Program Structure

Candidates complete four core units and two elective units at 800-level as approved by the Masters program convenor.

##### Core

SOC810	Governing Society
SOC818	Evaluation and the Policy Process
SOC825	Institutional Design
SOC830	Research Design Practicum
SOC831	Qualitative Methods
SOC863	Policy and Practice in the Human Services

For candidates who complete requirements for the Diploma at Pass level or better, these units will be credited toward the Masters program in Policy and Applied Social Research upon admission into the Masters program (as long as the Diploma is completed within ten years of seeking entry to the Masters program).

### Postgraduate Certificate in Policy and Applied Social Research

The program of study aims to develop the student's skills in applied social research and the analysis of policy in social context. It builds skills in qualitative and basic quantitative social research, research design, evaluation, and reflective as well as critical social analysis of the contemporary policy process.

The program is intended for those who are employed or who want employment in community-based and non-government service organisations; policy agencies in government; trade unions; local government; marketing and social research; and private consultancy.

**Admission requirements:** A first degree with a major in sociology or another social science; or other tertiary qualifications combined with relevant work experience; or extensive practical experience in policy analysis or applied social research with few formal qualifications. Applicants may be called for an interview as part of the selection process.

**Attendance:** Internal; part-time

**Length of candidature:** 0.5 – 1 year part-time

**Commencement:** March, July

**Program requirements:** 12 credit points (at 800 level)

**Tuition fee 2004:** HECS

**Enquiries:** Dr Michael Fine

**Tel:** (02) 9850 8037

**Fax:** (02) 9850 9355

**Email:** michael.fine@scmp.mq.edu.au

**Website:** www.soc.mq.edu.au/PCPASR.html

#### Program Structure

Candidates complete two core units and one elective unit at 800-level as approved by the Masters program convenor.

##### Core

SOC810	Governing Society
SOC818	Evaluation and the Policy Process
SOC825	Institutional Design
SOC830	Research Design Practicum
SOC831	Qualitative Methods
SOC863	Policy and Practice in the Human Services

For candidates who complete requirements for the Certificate at Pass level or better, these units will be credited towards the Postgraduate Diploma or Masters Program in Policy and Applied Social Research upon admission into the higher program (as long as the Certificate is completed within ten years of seeking entry to the higher program).