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/

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) 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
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 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:

a) Master of Applied Linguistics degree or equivalent with a dissertation component; or

b) a Bachelor’s degree with honours class I or honours class II; and

c) 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
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:**

a) Minimum of five years management experience in an organisation or situation which provides the opportunity to focus research attention on professional practice or policy;

b) a Bachelor degree with honours class I or honours class II (Division I) and/or a relevant Master degree;

c) submit evidence of professional attainment that demonstrates a capacity for research; and

d) 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:

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 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 *. 

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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
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
PSYC907 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
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 *.

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 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 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 DPsych degree and no exemptions will be given for the units marked *.

**Year 1 (2nd semester)**

**Coursework units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYO935</td>
<td>Professional Practice II</td>
</tr>
<tr>
<td>PSYO936</td>
<td>Professional Practice III</td>
</tr>
<tr>
<td>PSYO914</td>
<td>Industrial and Organisational Psychology</td>
</tr>
<tr>
<td>PSYO915</td>
<td>Organisational Change and Development</td>
</tr>
<tr>
<td>PSYO919</td>
<td>Training in Organisations</td>
</tr>
<tr>
<td>2 electives</td>
<td></td>
</tr>
</tbody>
</table>

**Core**

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

**Year 2**

**Coursework units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYO939</td>
<td>Counselling in Organisations</td>
</tr>
<tr>
<td>PSYO937</td>
<td>Professional Practice IV</td>
</tr>
</tbody>
</table>

**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

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
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 the 3 coursework units below) prior to enrolment in the Master of Education. Satisfactory performance in all coursework units is required for entry into the Master of 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

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.

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

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 the 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.
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: Tel:  +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.
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/IDRU/

Coursework Programs

Master of Educational Leadership

The Master of Educational Leadership is currently offered for Higher Education, School Education, Early Childhood 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
Website: 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
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.
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 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
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 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...
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:

a) 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

b) 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:

a) 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

b) 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
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

**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

**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

- **Elective**
  - SPED803 Instructional Technology II (High Support Needs)
  - SPED804 Effective Literacy Instruction
  - SPED805 Effective Numeracy Instruction
  - SPED806 Behaviour Problems and Classroom Management

**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

**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 as...
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
- SPED803 Instructional Technology II (High Support Needs)
- SPED806 Behaviour Problems and Classroom Management
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-
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

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...
...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 democracy, 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 MEc degree by 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: Mr Glenn Jones
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Websites: 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:

(a) theoretical and computational statistics including medical imaging, and time series, and
(b) 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.

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.ro.mq.edu.au/HDRU/
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/

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

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

Program Structure

The Postgraduate Diploma in Accounting program 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.
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
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

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 Finance

Commercial Law
ACCG882 Advanced Taxation
ACCG884 Current Issues in Tax and Corporate Law
BUS852 International Taxation
BUSLS32 Business Transactions Law
BUSLS33 Business Property Law
BUSLS34 Law of Business Enterprises
BUSLS51 International Commercial Law
BUSLS82 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-
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
Applications 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
- 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

**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

**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 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
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.

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 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
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
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Fax: (02) 9850 7669
Email: gheller@efs.mq.edu.au
Website: 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

Part Two – Postgraduate Study

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 (i.e., 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
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

Elective
BCA812 Work Placement or Project
STAT827 Survival Analysis

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
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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

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
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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...
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.

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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 AAAs; 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.

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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 Ecosaltrigraphy and Palaeobiology (MUC/CEP) and the Australian Centre for Astrobiology (ACA) are located within the Department. Additional areas of research interest can be found on the website.
Departmental facilities
Geological/palaeontological facilities: binocular microscope laboratories; petrological microscopes; point-counting equipment; macro- and microphotography; microimaging 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; 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 isotope 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.

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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.
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.

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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.

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Director of Research
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Websites: 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, stereo-digitiser, plotting facilities); Census Data Research Laboratory (CDATA01, ABS unit record files); Geographics Unit facilities
Part Two – Postgraduate Study

**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 microscope; 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:**

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Websites: http://physgeog.es.mq.edu.au/physgeog/
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. 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, geocology, 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.
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: Up to 2 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
**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/

**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
- 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

**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 or 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
- 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
- HGE0800 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)
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 Intelligences
- 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
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 Biotreatments#
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
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) 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

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/
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
GEO80 Earth Science Project
GEO807 Problems in Sedimentary Geology
GEO809 Geophysics Laboratory Project
GEO813 Geophysics Reading Project
GEO815 Principles of Deformation
GEO816 Geophysics
GEO818 Volcanic Geology
GEO821 Earth Science
GEO832 Ore Deposit Environments
GEO835 Geomechanics
GEO844 Applied Palaeontology
GEO846 Mineralogy and Microscopy
GEO854 Environments of the Lithosphere
GEO855 Earth Systems Evolution
GEO856 Coral Reef Environments
GEO858 Environmental Geophysics
GEO874 Geophysical Prospecting
GEO875 Structural Petrology
GEO876 Advanced Geochemical Applications and Techniques
GEO891 MSc Dissertation Geology
GEO899 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.

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)
GEOS801 Earth Science (4 credit points)
GEOS844 Applied Palaeontology (4 credit points)
GEOS846 Mineralogy and Microscopy (4 credit points)
ELS400 Museum Field Studies (4 credit points)
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 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

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
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: 0.5 year full-time, 1 year 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 7372
Email: joy.monckton@mq.edu.au
Website: 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
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

Enquiries: Joy Monckton
Tel: (02) 9850 7993
Fax: (02) 9850 7372
Email: joy.monckton@mq.edu.au
Website: 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
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
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
- Any two units from the Management Group (listed in Table 1)
- Any two units from those listed in Table 1 (or elsewhere with approval).
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: 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.
**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
- 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

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**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
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

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

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 and 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 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
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@els.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
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 candidacy: Up to 2 years part-time

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 candidacy: 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 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
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 436  
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

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
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 biography 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


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; poet- ics; 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 Koscharsky  
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

**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  
Website: www.humanities.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 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 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 Part A
AHPG883 Ancient History Minor Research Project Part A B
AHPG884 Ancient History Minor Research Project Part B

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 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
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.hhml  

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 Honour 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)
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
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:
- CWPG810 Creative Writing Seminar I
- CWPG811 Creative Writing Seminar II
- CWPG815 Writing: Text and Context
- 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
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 Pinnuk (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
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
ICOM811 Communication and Social, Economic and Political Development
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
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 Pimmuk (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
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or
Department Secretary
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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
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 characterization, 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.

Professor Paul Smith leads the research group in applied mathematics. The groups 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-
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 candidates with 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
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
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 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:** 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

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 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.
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 Program in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** 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

**Commencement:** March, July

**Course requirements:** 16 postgraduate credit points

**Tuition Fee 2004:** $380.00 per credit point

**Enquiries:** Postgraduate Professional Development Program in ICT

**Tel:** (02) 9850 9518

**Fax:** (02) 9850 9551

**Email:** pginfo@ics.mq.edu.au
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.

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
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/

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

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)

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

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.
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
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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
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 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 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

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**Fax:** (02) 9850 7686

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**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
- LAW856 Environmental Economics
- LAW857 Environmental Litigation and Mediation
- LAW858 Pollution and Environmental Regulation
- 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
- 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 7930
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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.
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
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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.
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

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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

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*
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: lingpg@ling.mq.edu.au

Dr Beth Armstrong
Academic

Tel: (02) 9850 9183
Fax: (02) 9850 9352
Email: 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
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.

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
- LING903 Languages and Cultures in Contact
- LING905 Research Methods in Language Study
- LING906 Language Testing and Evaluation
- LING907 Stylistics and the Teaching of Literature
- LING909 Language Planning and Language Policy
- LING910 Second Language Acquisition
- LING911 Literacy
- LING912 Lexicography
- LING913 Concepts in Managing Language Programs
- LING914 Bilingualism
- LING915 Language for Specific Purposes
- LING916 Context, Use and Analysis of the English Language: a Global Perspective
- LING917 TESOL in Context
- LING918 Curriculum Innovation in Language Teaching
- LING919 Special Study in Applied Linguistics
- LING920 First Language Acquisition
- LING921 Language for Specific Purposes
- LING922 Reading Development and Disorders
- LING923 Bilingualism
- LING924 Context, Use and Analysis of the English Language: a Global Perspective
- LING925 TESOL in Context
- LING926 Curriculum Innovation in Language Teaching
- LING927 Special Study in Applied Linguistics
- LING928 Leading and Managing Language Programs
- LING929 Discourse in Professional and Organisational Contexts

Electives
- LING920 First Language Acquisition
- LING921 Language for Specific Purposes
- LING922 Reading Development and Disorders
- LING923 Bilingualism
- LING924 Context, Use and Analysis of the English Language: a Global Perspective
- LING925 TESOL in Context
- LING926 Curriculum Innovation in Language Teaching
- LING927 Special Study in Applied Linguistics
- LING928 Leading and Managing Language Programs
- LING929 Discourse in Professional and Organisational Contexts

Dissertation
- LING934/ 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**

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

**Dissertation**

LING934/ 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 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
Website: 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 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 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
LING947  Discourse in Professional and Organisational Contexts

Dissertation units
LING934/ 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
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/ 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
Website: 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
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: lingo@ling.mq.edu.au
Website: www.ling.mq.edu.au/programs/comms

**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.
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
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
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
TRAN903 Languages and Cultures in Contact
TRAN907 Stylistics and Translation of Literature
TRAN908 Grammar, Meaning and Discourse

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

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
Website: 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

Program Structure
Candidates complete four Core units and a total of 12 postgraduate credit points in elective units.
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.cuppies@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*

(ELECTIVES) 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*
(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
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

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.

Program Structure

Candidates complete the following program:

Year 1

First Half Year

SPH800 Speech Pathology I: Developmental and Acquired Speech and Swallowing Disorders
SPH804 Speech Pathology IV: Disorders of Voice and Fluency
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
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.
for research excellence in cognitive science and cognitive neuropsychology.
Website: 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

Ms Erin Thatcher (Administrative)
Tel: (02) 9850-8063
Fax: (02) 9850-8062
Email: Erin.Thatcher@mq.edu.au

Website: 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

Dr Arthur Shores (Course Director)
Tel: (02) 9850 8071
Fax: (02) 9850 8062
Email: arthur.shores@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
- 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 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
- 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
- PSYS811 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,
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...
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)
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  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](http://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.

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  
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  Tel: (02) 9850 8094
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  Email: jac.brown@mq.edu.au

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- Ms Rachelle Louison  
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**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.
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

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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;

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Dr Ben Searle
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Email: rachelle.louison@mq.edu.au

Website: www.psy.mq.edu.au
Program Structure
Candidates complete the following program:

Core (16 postgraduate credit points)

PSY0921 Applied Psychology in Human Resource Management
PSY0915 Organisational Change and Development
PSY0919 Training in Organisations
PSY0940 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

PSY0939 Counselling in Organisations
PSY0908 Counselling Theory and Practice I
PSY0911 Advanced Lifespan Psychology for Counsellors
PSY0914 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

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Dr Ben Searle
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Ms Rachelle Louison
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Email: rachelle.louison@mq.edu.au

Website: www.psy.mq.edu.au

Program Structure
Candidates complete the following program:

Core (8 postgraduate credit points)

PSY0921 Applied Psychology in Human Resource Management
PSY0915 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
PSY0919 Training in Organisations
PSY0940 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
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
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Email: daphne.hewson@mq.edu.au
Ms Michelle Dickson
Tel: (02) 9850 7738
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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)
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Tel: (02) 9850 7738
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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)
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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 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 psychology, including measurement and assessment, counselling skills, abnormal psychology, developmental psychology, neuropsychology, health psychology, organizational 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)
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Dr Sandra Cotton (Academic)
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Ms Anett Mudriczki (General)
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Website: 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

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.

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 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 supervision, which will vary on the basis of individual arrangements made with external supervisors.

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

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supervision, which will vary on the basis of individual arrangements made with external supervisors.

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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
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
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Websites: 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.

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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.

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.

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Website: 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.

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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).

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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 communication 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
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Websites: 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.

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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.
**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  
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Ms Clara Wong  
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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  
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**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  
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**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
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 (e.g., 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 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
- ANTH821 Changing Australian Indigenous Communities
- ANTH840 Refugees and Resettlement
- HCEO802 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

**Tuition fee 2004:** $290.00 per credit point for domestic students

**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

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

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.  

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.
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 towards 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
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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).