WHAT’S NEW AT Macquarie University

From 2009, Macquarie has a new four Faculty structure. The previous nine Divisions have been reorganised into four Faculties. For students, this means better communication, better organisation and a better overall experience.

**FACULTY OF BUSINESS AND ECONOMICS**
- Accounting
- Finance
- Actuarial Studies
- Business and Business Law
- Economics
- Management
- Human Resource Management
- Marketing
- Commerce


**FACULTY OF ARTS**
- Asian and European languages
- History
- International Studies
- Law
- Media and Cultural Studies
- Contemporary Music and Dance
- Politics, International Relations and Security
- Sociology, Anthropology and Philosophy
- Indigenous Studies


**FACULTY OF HUMAN SCIENCES**
- Advanced Medicine
- Education
- Early Childhood Studies
- Human Cognition and Brain Science
- Linguistics
- Psychology


**FACULTY OF SCIENCE**
- Biological Sciences
- Brain, Behaviour and Evolution
- Chemistry and Biomolecular Sciences
- Chiropractic
- Computing
- Earth and Planetary Sciences
- Environment and Geography (including Museum Studies)
- Mathematics and Statistics
- Physics and Engineering


During 2009, Macquarie will also be reviewing its current curriculum as part of the Curriculum Renewal Program. In 2010, new programs will be offered across the four Faculties, and some existing programs may be discontinued. Existing enrolled students will not be disadvantaged in any way. They will be able to continue and complete the degrees in which they originally enrolled. For updates on this process, visit: [www.mq.edu.au/momentum/reviewacademicprograms.html](http://www.mq.edu.au/momentum/reviewacademicprograms.html)

Our state-of-the-art library, due to open in 2010, is designed for environmental sustainability. Image courtesy of fjmt.
The Macquarie University Private Hospital will establish a new era in health care when it opens its doors in 2010. Image courtesy of Base3d; base3d.com

The new rail line through Macquarie University, due to open in 2009, will provide direct rail access to Sydney’s central business district. Image courtesy of the Transport Infrastructure Development Corporation (TIDC).
Macquarie University is internationally known for its strength in the fields of Business and Economics.

STUDY
- Accounting and Finance
- Actuarial Studies
- Business and Marketing
- Economics

DISTINGUISHED IN MANAGEMENT
Macquarie’s MBA program is ranked in the top three in Australia and in the top 57 in the world (Economic Intelligence Unit, 2008).

EXPERT IN ACTUARIAL STUDIES
Macquarie offered the first Actuarial Studies program in Australia. It was the first degree outside the United Kingdom to be recognised by the UK Institute of Actuaries, granting Macquarie graduates exemption from the UK exams.

A LEADER IN ACCOUNTING
The Master of Accounting (CPA Extension) was the first program of its type in Australia.

ACCREDITATION
- The Bachelor of Commerce – Actuarial Studies is accredited by the Institute of Actuaries of Australia (IAAust). The Institute defines a three part examination process and runs an annual Professionalism Course. Macquarie University offers units which are regarded as equivalent to Part I and Part II of the examination process. A student who obtains grades of credit or higher in these units may apply to be granted an ‘exemption’ from the corresponding Institute subjects, meaning that the student is then regarded as having passed those Institute subjects. No exemptions are available from Part III.
- The Bachelor of Commerce – Accounting meets the tertiary requirements of CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

- The Bachelor of Human Resource Management is fully accredited with the Australian Human Resource Institute (AHRI). Students will qualify for provisional membership when commencing the degree and advance to full membership when the degree is completed.
- The Bachelor of Applied Finance has been approved by the Australian Securities and Investment Commission (ASIC) Authorised Assessors as satisfying the training requirements in relation to PS146 compliance for derivatives, financial planning, foreign exchange, general insurance, generic knowledge, life insurance, managed investments, securities, and superannuation.

What you can be

ACCOUNTING
- Accountant
- Auditor
- Merchant banker

ACTUARIAL STUDIES
- Insurance agent
- Risk manager
- Superannuation advisor

FINANCE
- Security and currency trader
- Treasurer
- Portfolio manager

BUSINESS
- Business analyst
- Human resource manager
- Entrepreneur

ECONOMICS
- Policy analyst
- Statistician
- Public administrator
Son Dang, Vietnam
Bachelor of Commerce – Accounting

“I am more employable since I studied at Macquarie, because of its reputation in Business and its graduate starting salaries. Studying overseas will give me an advantage when looking for a job back home. People who have studied abroad are sought after because they have been in a professional environment and have strong English skills.”
FACULTY OF ARTS

Macquarie's Faculty of Arts offers a range of degrees that encourage students to think critically and creatively about the world.

Hot Tips

What’s the difference between studying communications and media?

- If you want to work in media production (including as a print journalist, multimedia producer or filmmaker) you should apply for the practical Bachelor of Media.
- For an understanding of media and cultural theory (a more theoretical approach), apply for the Bachelor of Arts (in Media and Cultural Studies).
- To learn about the context of Communications and Media in an international context, you should apply for the Bachelor of International Communication. It introduces internationally-minded students to media and public relations in a globalising world, and helps to prepare you for careers in international media and public relations.

STUDY

- English
- History, Politics, International Relations and Security
- International Studies
- Law
- Media, Music and Cultural Studies
- Sociology, Anthropology and Philosophy

DIGGING UP EGYPT’S HISTORY

Macquarie is a world leader in Egyptology. Professor Naguib Kanawati led a Macquarie team to become the first Australian university to conduct its own excavations in Egypt. There is even an Egyptian mummy in our on campus museum of Ancient Cultures!

HANDS-ON EXPERIENCE OF WORLD POLITICS

The innovative Middle East Politics Simulation is a virtual role-playing activity where Macquarie students interact with students from universities around the world.

LEGAL LEADER

Macquarie is one of the few universities that offer an interdisciplinary approach to Law. This means that you can study a range of other subjects alongside your Law degree – from Business and Applied Finance to Psychology and International Studies.

ACCREDITATION

- The Law program at Macquarie is accredited for admission to legal practice throughout Australia. Graduates are also required to complete a period of Practical Legal Training before being admitted to practice as a barrister or solicitor. Further information about this can be gained from the Legal Profession Admission Board: www.lawlink.nsw.gov.au/lpab

Kaydence Wong, Hong Kong

Bachelor of Arts (in Media and Cultural Studies)

“My program is really interesting. I get to combine Media Studies with Music, which I really love. Macquarie is really flexible with electives. I enjoy the creative subjects like radio. Although at first it is quite daunting sitting in the studio, it is actually quite easy.”
What you can be

HISTORY
- Historian
- Curator
- Researcher

MEDIA
- Journalist
- Producer
- Web writer

INTERNATIONAL COMMUNICATIONS
- Diplomat
- Public relations executive
- Corporate consultant

LAW (AFTER PRACTICAL LEGAL TRAINING)
- Solicitor
- Barrister
- Public prosecutor
FACULTY OF
Human Sciences

Macquarie’s Faculty of Human Sciences offers world-leading degrees in Education, Linguistics and Psychology.

STUDY
• Education and Early Childhood Studies
• Linguistics
• Psychology

TAKING A CLOSE LOOK AT THE BRAIN
Macquarie has the world’s only neuro-imaging laboratory (using magnetoencephalography or MEG), specifically designed for children. This facility allows scientists to measure children’s brain activity in a non-invasive way, and to conduct leading research into areas such as how language is learned.

THE BEST TEACHING EXPERIENCE
The Institute of Early Childhood was established in 1896, and was Australia’s first provider of early childhood-specific education (the Institute was incorporated in Macquarie in 1989). Early Childhood is still a major strength of the University, with a number of child-care centres on campus where students can work with children directly.

A LEADING SPEECH CLINIC
Macquarie University’s Speech Clinic works with people with communication difficulties to assist them to participate in their everyday home, school, work and social activities. Students in the Master of Speech and Language Pathology have the opportunity to practice within the clinic.

ACCREDITATION
• The Graduate Diploma in Education and Bachelor of Education (Primary, Secondary or Early Childhood) are all accredited teaching qualifications.
• Students wanting to practice as a psychologist need to complete the fourth Honours year of the Bachelor of Psychology (Honours). This fourth year is accredited by the Australian Psychological Society (APS), although a further two years of postgraduate training or supervised experience is required for registration as a psychologist. Students enrolled in the bachelor of Arts – Psychology or bachelor of Science – Psychology may also apply to enter the Honours year (entry for all students to the Honours year is dependent on their high performance in their third year, and completion of compulsory units PSY331 and PSY340).

Hot Tips
If you would like to teach in New South Wales, Australia, you should do one of the following:
• If you don’t already have a Bachelor degree – Diploma of Education with one of the following: Bachelor of Arts, Bachelor of Arts – Psychology or Bachelor of Science.
• If you already have a Bachelor degree – Bachelor of Education (Primary), Bachelor of Education (Secondary) or Graduate Diploma in Education. Permission to teach is also subject to external assessment by the Department of Education and Training.

For further details visit: www.det.nsw.edu.au/employment/teachnsw

For specific information on the Entry Requirements for these programs, please refer to page 38 of this guide or visit: www.international.mq.edu.au/ug/education
What you can be

EARLY CHILDHOOD
- Child carer
- Preschool teacher
- Children’s author

EDUCATION
- Primary or secondary school teacher
- Educational researcher

PSYCHOLOGY (REGISTERED)
- Psychologist
- Counsellor
- Therapist

PSYCHOLOGY
- Human resources manager
- Recruitment consultant
- Market researcher

LINGUISTICS
- Audiologist
- Speech pathologist
- Speech technologist

Amelia Touma, Australia
Bachelor of Arts – Psychology with Bachelor of Laws who volunteered as a liaison officer at a Mexican orphanage

“My role within the psychology team was to apply my academic knowledge with the children and babies currently living at La Casa. I can safely say that this experience will help to shape the person I become in the future. I am a better person for having had the opportunity to volunteer at La Casa.”
Macquarie’s Faculty of Science is home to some of the University’s most accomplished areas of expertise, in both research and teaching.

**STUDY**

- Biological Sciences
- Chemistry and Biomolecular Sciences
- Chiropractic
- Computing
- Environment and Geography (including Museum Studies)
- Mathematics and Statistics
- Physics and Engineering

**CREATE SPARKS WITH ELECTRONIC ENGINEERING**

Macquarie has a long history of innovative research in electronic engineering. In 2001, wireless LAN technology developed by University researchers was acquired by CISCO Systems. Today, students can complete a bachelor of engineering in high-growth areas such as wireless engineering, telecommunications and software engineering.

**TAKING CARE OF THE ENVIRONMENT**

Macquarie is well-known in the field of Environmental Studies. With courses in Environmental Education and Science, Macquarie is committed to preparing students to tackle the big questions of global environmental change.

**ACCREDITATION**

- The Bachelor of Science with Bachelor of Arts (in Natural and Cultural Heritage and Museums) is the first Australian degree designed to train museum curators.
- Macquarie’s Bachelor of Engineering programs are accredited by Engineers Australia. This means graduates from Macquarie will have their engineering degree recognised by other signatories to the Washington Accord, for example in North America and many parts of Asia and Europe.

**A PIONEER IN BIOTECHNOLOGY**

Macquarie pioneered the field of ‘Proteomics’ (a Macquarie researcher, Marc Wilkins, even coined the term itself), identifying a biotechnology that is now one of the world’s key technologies focused on breakthroughs in gene research. Macquarie is also home to the Australian Proteome Analysis Facility which is a world-leader in gene research.

**Hot Tips**

- **Not sure which IT degree is for you?**
  - If you are interested in hardware design, and operating systems, choose the Bachelor of Computer Science.
  - If you like software design more, choose Bachelor of Information Technology.
  - If it is the application of technology within businesses that interest you, go for Bachelor of Information Systems.
- Macquarie is one of the only universities in Australia to offer Chiropractic studies. Chiropractic is now the third largest healing profession in the world, and its practitioners focus on spinal adjustment and manipulation to treat a range of health complaints. To become a qualified Chiropractor, you need to complete Macquarie’s Bachelor and Master degrees in Chiropractic (five years of study in total).
- It’s a great time to study earth sciences: the demand for geologists in Australia has never been stronger, with graduate starting salaries up to AUS$80,000.

**Snow Chong, Korea**

Bachelor of Computer Science

“I think an advantage of Macquarie is that so many graduates are working in the field. Most of my lecturers have hands-on industry experience which is valuable. It’s well connected and I think those networks will help me in the future.”
What you can be

BIOTECHNOLOGY
- Research scientist
- Medical devices developer
- Pharmaceutical marketer

INFORMATION TECHNOLOGY
- Programmer
- Systems developer
- Systems analyst

ELECTRONIC ENGINEERING
- Wireless systems designer
- Antenna engineer
- Telecommunications systems developer

ENVIRONMENTAL SCIENCE
- Environmental consultant
- Urban planner
- Sustainability officer

MUSEUM STUDIES
- Museum curator
- National parks officer
- Education officer