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.

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Our state-of-the-art library, due to open in 2010, is designed for environmental sustainability. Image courtesy of fjmt.

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
The Macquarie University Private Hospital will establish a new era in healthcare 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.

FACULTY OF
Business and Economics

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

DISTINGUISHED IN MANAGEMENT
Macquarie’s MBA program is ranked in the top three in Australia and 57th 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 Macquarie Graduate School of Management (MGSM) has received EQUIS (European Quality Improvement System) international accreditation by the European Foundation for Management Development (efmd). Leading business schools in Europe to have gained EQUIS accreditation include INSEAD and London Business School.
- MGSM is a member of the International University Consortium for Executive Education (UNICON). Only those organisations with the necessary resources, management structure and highly-credible track record in the development and delivery of executive education are selected for membership. Other members of UNICON include Harvard, Stanford and Cambridge.
- Macquarie’s Applied Finance Centre offers the world’s largest postgraduate finance program. Professional bodies such as the Australasian Institute of Banking and Finance, The Finance and Treasury Association Limited, the Australian Society of Certified Practicing Accountants and the Australian Securities and Investments Commission attest to the quality of the program.
- The Master of Accounting is Australia’s largest postgraduate accounting program and is accredited by CPA Australia and the Institute of Chartered Accountants in Australia.

Vishal Sabhlok, India
Master of Applied Finance

“The Master of Applied Finance has gone beyond my expectations; the resources like our own computer lab, the campus in the city, approachable teachers – it’s all so well organised. Most of the teachers work in the industry and have high profile careers, and they share with you personal and professional accounts of their work, it’s phenomenal!”
“Loyalty is a complex construct,” says Dr Chris Baumann (left), lecturer at Macquarie’s Graduate Accounting and Commerce Centre.

Dr Baumann has researched Australian customer loyalty in relation to banks for his thesis. In collaboration with his doctorate supervisors, Professor Gregory Elliott (Department of Business), and Associate Professor Suzan Burton (Macquarie Graduate School of Management), Dr Baumann has published these findings in several peer-reviewed international journals.

Their research has attracted interest from around the world, and has been acknowledged at various international conferences including a Best Paper Award at the WDSI Conference in Vancouver, Canada. The paper that the team presented at the International Retailing Conference, Reims, France, was selected as one of the three best papers of the conference.

“I find banking fascinating because money (therefore banking) has different meanings for various people. It reflects cultural values and different stages in life, and banks play a major role in developing strong economies and thus jobs and income opportunities. After all, financial security is directly related to social well-being and being able to enjoy the ‘fine side’ of life,” Baumann says.

Hot Tips

• What’s the difference between Master of Commerce (in Business) and Master of International Business?
  The Master of International Business has a more international focus, whereas the Master of Commerce (in Business) allows you to complete more diverse units (such as Actuarial Studies or Commercial Law).

• What is the best postgraduate Accounting program for me?
  If you already have a background in Accounting, and would like to upgrade your skills, you should apply for the Master of Commerce (in Accounting and Finance). If you have not studied Accounting before, but would like to work as an accountant, the Master of Accounting (CPA Extension) allows you to prepare for your CPA exams, while studying at Macquarie.
Macquarie's Faculty of Arts offers a range of degrees that encourage students to think critically and creatively about the world.

**STUDY**
- History
- International Studies
- Law
- Media, Music and Cultural Studies
- Politics, International Relations and Security
- 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 the campus museum!

**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’s Centre for Environmental Law is a member of the World Conservation Union (IUCN) and a founding member of the IUCN’s Academy of Environmental Law.

**DID YOU KNOW?**
- The Centre for Policing, Intelligence and Counter Terrorism is the only one of its kind in Australia, and brings in experts in specific areas in counter-terrorism, including internationally renowned scholars, FBI agents and others who have worked in the field.
- Research projects in Anthropology involve extended participant-observation fieldwork. Students have the opportunity to spend extended periods of time living with the people they are studying in order to develop an intimate understanding of their way of life.
- The Centre for Research on Social Inclusion is working closely with the government and community groups on issues such as combating racism, and supports postgraduate researchers.

**Hot Tips**
- What’s the difference between International Communication and International Relations? Although both are suitable for students interested in working in multinational corporations or international organisations, the Master of International Relations has a focus on international politics while the Master of International Communication explores communication channels and techniques.
- The Faculty of Arts offers a suite of six specialist Masters programs for those who want to study a specific area of history in more depth: Ancient History, Modern History, Coptic Studies, Early Christian and Jewish Studies, Egyptology, Early Christianity and Contemporary Practice.

**Sharmin Jahan Tania, Bangladesh**
PhD student of the Centre for Environmental Law (MQRES scholarship)

“I have been very happy with the support that my supervisor Dr Shawkat Alam has provided both academically and personally during my PhD. I also wanted to study at Macquarie because the research facilities are excellent.”
THE CONSTANTLY CHANGING WORLD OF POLITICS

After completing her Doctorate in International Relations from the University of Sydney, Dr Lavina Lee (left) began teaching the Master of International Relations last year.

“Teaching the Masters program has been very interesting for me. Postgraduate students have a wide range of experiences and unique perspectives,” says Dr Lee.

“We have around 200 students in the program at the moment, with around 50 per cent local and 50 per cent international students from around the world. Too often Western perspectives dominate the discourse on issues like human rights; it constantly surprises me what students come up with.”

To engage students and broaden their understanding of International Relations, Dr Lee uses role-play in her classes as an effective teaching tool.

“The role-play element of the class is extremely popular. It allows students to apply the theory to a real life event. It also helps students develop an understanding of the complexity of international politics. If you take on the point of view of Russia, China or any other nation, it gives students the opportunity to look at an issue through a new framework.”
Macquarie's Faculty of Human Sciences offers world-leading degrees in Education, Linguistics and Psychology.

STUDY

• Advanced Medicine
• Education and Early Childhood Studies
• Human Cognition and Brain Science
• Linguistics
• Psychology

TAKING A CLOSE LOOK AT THE BRAIN

Macquarie has the world’s only neuroimaging 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 children and adults with communication difficulties and their families, 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

• Degrees offered by the Department of Linguistics are accredited by professional bodies such as the National Authority for Accreditation of Translators and Interpreters (NAATI), the American Speech, Language, Hearing Association, the Canadian Association of Speech-Language Pathologists and Audiologists, and the Royal College of Speech Therapists (UK).
• The Macquarie University Master of Environmental Planning program is accredited by the Planning Institute of Australia (previously RAPI), and thereby enables graduates of the program to take up membership of the PIA, to pursue career opportunities in public and private sector positions which may require recognised professional PIA qualifications.
• The Department of Psychology offers a Master of Clinical Neuropsychology, a Master of Clinical Psychology and a Master of Organisational Psychology. These degrees have either full or provisional accreditation by the Australian Psychological Society and associated Colleges and satisfy the requirements for registration as a psychologist in New South Wales (NSW).
• The Department of Psychology also offers the Postgraduate Diploma in Applied Psychology, which includes arrangements for supervision and satisfies the requirements for registration as a Psychologist in NSW.
• To achieve qualification to teach in Australia, students of education can complete either the Master of Teaching (Birth to Five Years) for teaching in early childhood, or the Graduate Diploma in Education, for primary or secondary level teaching.

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Shaoying (Carl) You, China
Master of Translating and Interpreting, and Master of Conference Interpreting

“Macquarie University’s program was the most comprehensive and has a high reputation overseas. Living overseas and studying at Macquarie University has broadened my horizons and understanding. Learning English in an English speaking country is very important. And with so many nationalities on campus and in Sydney, living here is a global experience.”
Hot Tips

Students who complete the Master of Translating and Interpreting, or Postgraduate Diploma in Translating and Interpreting, can pursue careers as freelance or in-house translators and interpreters and other language-related jobs. Alternatively, they can continue their studies for another year in the Master of Advanced Translation or Master of Conference Interpreting programs to further improve their job prospects or pursue their research interests through the Higher Degree Research programs.

IS HYPNOSIS THE KEY TO UNLOCKING A DELUSIONAL MIND?

Macquarie researchers have developed a new approach to the study of delusions. Professor Max Coltheart is one of the world’s leading cognitive neuropsychologists and has won multiple awards for his research. He created the internationally renowned Macquarie Centre for Cognitive Science (MACCS), an Australian Research Council Centre for Excellence, which has attracted AU$10 million funding in the past decade.

A group of psychologists from MACCS have been investigating the effectiveness of using hypnosis as a technique for studying delusions. Along with Associate Professor Amanda Barnier and Dr Robyn Langdon, Professor Coltheart is collaborating with researchers from Leeds University, University College London and Royal Prince Alfred Hospital, to trial hypnosis as a technique for creating transient delusions that are resistant to challenge in non-delusional subjects.

“This study has laid the groundwork for future experiments which will examine the features and parameters of hypnotic delusions, the impact of challenging the delusions, and whether role-playing participants display the same behaviour as genuinely hypnotised participants,” says Professor Coltheart.

“Using hypnosis we expect to get a real sense of how to investigate, understand and confront delusional beliefs in a more effective way.”

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FACULTY OF Science

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
• 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

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 Masters programs in high-growth areas such as System and Network Management, Telecommunications and Software Engineering.

TAKEING 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 Master of Information Technology is fully accredited by the Australian Computer Society (ACS), the peak industry body in Australia. ACS strongly commended Macquarie for the quality of its educational design, content delivery and curriculum.
• Chiropractic is the fastest growing complementary health profession and Macquarie University is the largest institution in Australia to offer this professional qualification. Macquarie offers a Qualifying Program for the Master of Chiropractic, to enable students from a variety of backgrounds to enter chiropractic.

Sibasish Dolai, India
Master of Biotechnology, PhD using chemical proteomics to identify protein Kinase C in cancer.

“I came to Macquarie University because it has such a high profile in biotechnology, even the term ‘proteomics’ was created here. There is a real sense of mateship at Macquarie’s Australian Proteome Analysis Facility. We work in a close-knit, collaborative team.”
Hot Tips

- The Master of Environmental Studies is the broadest and most flexible program offered by the Graduate School of the Environment, and is suitable for students from almost any discipline who want to move into the environmental profession and for those already working in the area to expand their skills and knowledge. The Graduate School of the Environment also offers a suite of four specialist Masters programs (Master of Environmental Science/Planning/Management/Education) for those who want to study a specific area in more depth.
- The Department of Computing offers the Master of Consulting, which prepares students for a consulting career in the Information Technology industry. This course is suitable for IT graduates who wish to gain some relevant practical experience and networking contacts in the Australian IT industry.

THE LANGUAGE OF DATA
AN INTERNATIONAL PASSPORT
Pawel Mazur (left) can speak the international language of computers in English and Polish.

He began his PhD with the Institute of Applied Informatics at the Wrocław University of Technology in Poland and is now in a cotutelle research agreement with Macquarie’s Centre for Language Technology (CLT).

“Macquarie’s CLT is very research active. Not only do I get to network with industry and academics in Australia, we often have guests from abroad.”

As well as modifying his project into the English language, Pawel also had to adjust to communicating in English every day.

“I think it took me three months to get used to the Australian accent and have the confidence to present in English. But it was easy to settle in to the Department of Information and Communication Sciences (ICS) as there are PhD students from over 30 countries around the world.”

Pawel has presented his research at conferences in a diverse range of countries including Italy, India, Poland, Australia and the United Kingdom. All of his international travel has been financially supported by Macquarie University Postgraduate Research Fund (MQPGRF), Macquarie International Travel Grants and ICS.