

2010

PROGRAM GUIDE

for international students



Melbourne, Australia

The background of the cover is a complex, abstract geometric pattern. It consists of various polygons, primarily triangles and quadrilaterals, in shades of grey and white. Some of these shapes are filled with a dark, textured material that looks like crumpled paper or fabric. The overall effect is a dynamic, crystalline structure. A large, solid red diagonal band cuts across the lower half of the image, serving as a backdrop for the main title.

POSTGRADUATE

COURSEWORK AND RESEARCH

CONTENTS

Postgrad at RMIT.	4
Research and innovation.	6
Campus locations	8
Campus life	10
Study at RMIT	12
Money matters	13
Melbourne — a great place to live	14
How to apply	16
Design and Social Context	18
Art, Architecture and Design.	19
Building and Planning	30
Education, Community Services and Social Science.	35
Media and Communications.	48
Science, Engineering and Health	56
Computing and Information Technologies.	57
Engineering and Sciences	64
Health and Medical Sciences	82
Business	98
Visa information.	112
Program index.	114



From our beginnings in 1887, RMIT has established an international reputation for excellence in education and high-quality outcome-oriented research, with a number of our disciplines ranked within the top 200 of the *Times Higher Education Supplement*.

Today we are a global university of technology that provides students with the learning, teaching, research and training that enables them to excel.

Developed in consultation with industry, many programs integrate work experience with learning, ensuring that RMIT maintains its outstanding reputation for producing some of Australia's most employable graduates.

Located in the heart of Melbourne, RMIT is the largest dual-sector university in Australia, with a student body of more than 70 000, including 24 000 international (onshore and offshore) students. An impressive research profile, industry relevant learning and extensive services and facilities are just some of the reasons students choose to study at RMIT. In fact if you join now you will also benefit from a AU\$500 million investment in student learning and research facilities, to be implemented over the next three years.

Our programs maintain currency and relevance thanks to our strong links with industry, community partners and colleagues from universities across the globe. As a postgraduate student this means collaborative research projects with industry, student placements, industry guest lecturers and the involvement of practitioners in teaching. A range of study options are also available to coursework students, including graduate certificates, graduate diplomas and masters programs. This mix of theoretical and practical learning has prepared many RMIT graduates for employment and active participation in their communities.

A handwritten signature in black ink that reads "Margaret Gardner".

Professor Margaret Gardner AO
Vice-Chancellor and President

'Having practical skills...
is something that will definitely
benefit my career in the future'

– Jenni Koski, Finland

Master of Creative Media – Film and Television Production



BE YOUR OWN
DIRECTOR

'I had a lot of experience in the publishing industry and audio production but I wanted to be a more versatile producer, so decided to do some further study in film and TV.

'Having practical skills at producing different media projects is something that will definitely benefit my career in the future.

'RMIT offered what I was looking for and so far I have been very happy with the overall quality of the Master of Creative Media program. My studies have allowed me to work on a TV pilot that has since been screened on a local television station.

'I have set a goal to get as much experience in producing during my studies to expand my portfolio. After graduation, I would like to work as a producer to create content for old and new media platforms.'

Coursework or research?

RMIT's postgraduate programs provide students with the education and training necessary to enter an industry without backtracking to bachelor degree status. The mode of study (coursework or research) depends on your preferred learning style and the objective of your study. Whatever the mode, we promise you will benefit from RMIT's practical approach to learning. You will also receive advice and valuable learning experiences from leaders in academia and in your chosen industry that will introduce you to a new way of thinking.

Difference between coursework and research programs:

Coursework

- » Students are provided with a structured learning experience through lectures, seminars and/or tutorials.
- » Students complete a variety of assessment tasks such as essays, presentations, reports, case studies and experiments.
- » Students enjoy a valuable networking, teamwork and social environment with like-minded people.
- » Regular interaction with expert teaching and research staff offers valuable advice and insights from an academic and industry-based perspective.

Research

- » Research degrees are ideal for students who have already achieved academic excellence within a particular area and seek to pursue their own theories and ideas at a higher conceptual level.
- » Students formulate their own research topic, which should broadly conform to the research interests of the relevant school that offers the program.
- » Students work independently and cooperatively, interacting with experts in their chosen field of research before participating in the commercialisation process.

Do you have a research question?

If yes, then browse some of the FAQs at: www.rmit.edu.au/research/hdr/faq.

RMIT University has devoted itself to producing graduates versed in the most recent technology and to creating spaces in which researchers can take those technologies to new levels. The ongoing development of the four RMIT Research Institutes is testament to this.



Evening image of the Design Hub café entrance.
Courtesy: Sean Godsell Architects.

RMIT Design Research Institute

This institute engages with new design technologies to enhance community and individual life. Its research focuses on the delivery of space, environments, services and products through design methodologies that elicit and guide contemporary needs and wishes.

Significant research collaborations have been established with institutions including:

- » The Royal College of Art (UK)
- » London College of Communication
- » ETH Zurich
- » Loughborough University (UK)
- » Universitat Internacional de Catalunya (Spain)
- » Massachusetts Institute of Technology
- » AUT University (NZ)
- » University of Toronto.

RMIT Platform Technologies Research Institute

This institute has taken a leading role in the integration of smart materials and systems into technology platforms. Research projects stem from the following four programs:

- » nano materials and devices
- » security and safety
- » intelligent industrial information technologies
- » sports engineering technologies (SportzEdge).

Global Cities Research Institute

The Global Cities Research Institute continues to develop strategic partnerships across the public and private spheres, ranging from local to global institutions, associations and corporations. Recent achievements include extending a presence and profile in the areas of globalisation, urban infrastructure, human security and climate change adaptation.

RMIT Health Innovations Research Institute

The Health Innovations Research Institute has capitalised on existing institutional strengths to build increased research and translation capacity in identified areas of socio-economic health burden, including cardiovascular diseases, insulin resistance and diabetes, obesity, arthritis, mental health disease and stroke.

Research partnerships

RMIT is a partner of nine Cooperative Research Centres and is engaged with the Victorian Government's Science, Technology and Innovation Program. The Centres for Design and Global Sustainability, Microelectronics and Materials Technology Centre, Rheology and Materials Processing Centre, Sir Lawrence Wackett Centre for Aerospace Design Technology and Centre for Applied Social Research continue to work closely with industry to solve critical problems.

RMIT research aims make a difference to the economic, social, environmental and cultural well-being of the communities we operate in.



Amanda Barnard,
Nanoscientist, CSIRO

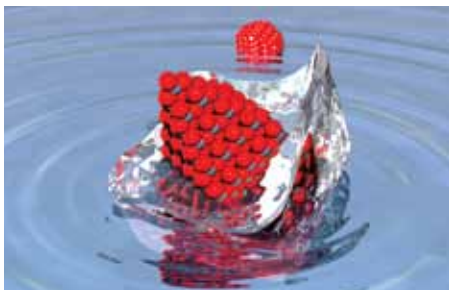
'I currently collaborate with researchers in USA, UK, Russia, Italy, Singapore, Australia, and, of course, RMIT.'

– Amanda Barnard

RMIT has many research initiatives underway asking key questions that lead to important discoveries. Often, finding out about small things is a big leap forward.

As nano scientist and physicist Amanda Barnard is finding out, her discoveries are as important as they are tiny.

'Nanoparticles are very tiny pieces of everyday materials, often found in products such as sun screen. They are special because they fall in the gap between physics, chemistry and materials science.



Anatase nanoparticles in water by Amanda Barnard.

'In 2009, I started a new initiative, at CSIRO, dedicated to using advanced theory and computation to study the properties and stability of nanoparticles in realistic environments.

'I currently collaborate with researchers in USA, UK, Russia, Italy, Singapore, Australia, and, of course, RMIT. The 'applied' focus of my RMIT degree means I learnt skills, not just the theory, for working in nanoscience. It gave me a unique perspective and led me to focus on environments often neglected by many researchers in the field.

'I can say that much of what I did at RMIT is directly applicable to my work today. I continue to use the computational methods I learned there, and the theoretical foundation of my modelling of nanoparticles in the environment comes from subjects that I took at RMIT during my undergraduate degree.'

More about research

For more information about research visit:
www.rmit.edu.au/research.



Student profile

Lulu Guo, China

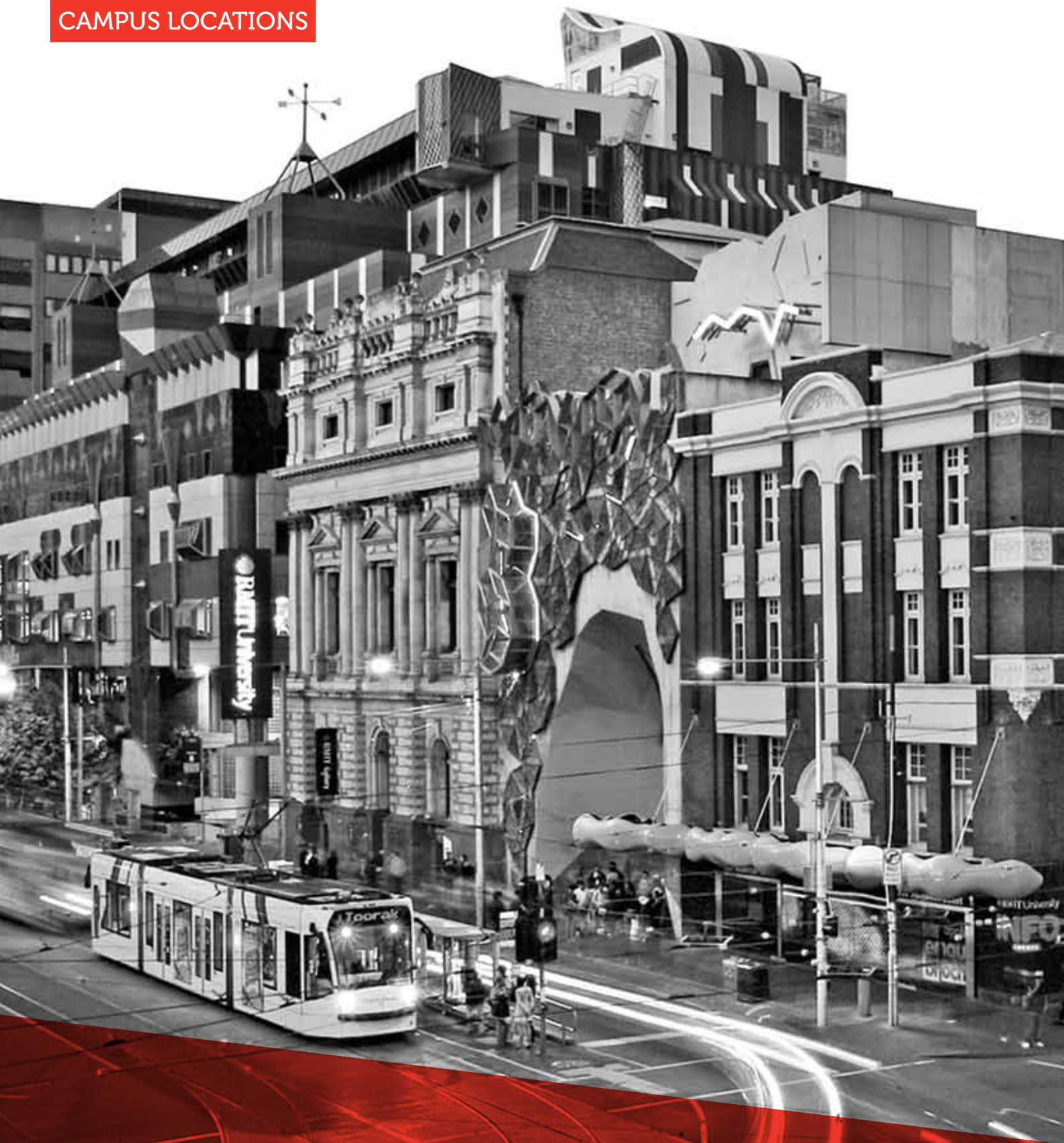
*Master of Biotechnology
(Clinical Microbiology)*

'I really enjoyed my studies at RMIT. Subjects I chose to study included applied microbiology, medical microbiology and gene technology. Towards the end of my program I did work experience at Melbourne Pathology.

'In my three months of work experience at Melbourne Pathology, I learnt a lot. I was able to observe the plates and practice my processing skills. I also met a lot of nice staff who were willing to teach me all that they know, including identifying pathogenesis bacteria.

'When I first started my studies at RMIT University, like a lot of international students, I was concerned about the level of my English language skills. However I found the RMIT staff and my fellow classmates to be very encouraging. Their faith in me gave me the courage to face my difficulties head-on. Now I have a job in Melbourne Pathology and I am very happy.'

CAMPUS LOCATIONS



RMIT students have access to a unique academic and social environment.



City campus

RMIT's main campus is located in the centre of Melbourne, in the midst of galleries, restaurants, shops, and close to the State Library of Victoria and the Queen Victoria Market. Students enjoy all the benefits associated with close proximity to the Central Business District (CBD), including excellent public transport access from all parts of Melbourne.



Brunswick campus

The Brunswick campus is located 5 km from the centre of Melbourne, in spacious grounds near the popular Sydney Road shopping district and the buzzing Lygon Street cafes. Programs are delivered in state-of-the-art facilities that include the award-winning textiles and printing buildings.

Programs offered at this campus include: education; fashion; textiles design and textile technology; merchandising and product development; footwear; printing and graphic arts.



Bundoora campus

Situated 18 km north-east of Melbourne's city centre, RMIT's Bundoora campus is located on 42 hectares of park land. The campus offers state-of-the-art facilities such as the Biosciences Building, a purpose-built health and medical science laboratory. Programs available include health sciences, engineering, manufacturing and education. Sporting facilities include an athletics track, tennis and netball courts, a football oval and soccer pitch.



RMIT International University Vietnam

RMIT International University Vietnam is Vietnam's first and only fully owned university. Established in 2001, RMIT Vietnam delivers internationally recognised degrees from campuses in both Hanoi and Ho Chi Minh City.

www.rmit.edu.vn

Global passport

RMIT has links with more than 120 partner organisations throughout the world, including other leading universities, companies and community groups. RMIT aims to provide education that is more global in its reach through a combination of semester exchanges, group study tours, international work placements and research projects. International mobility experiences are an exciting and challenging way for students at RMIT to broaden their academic, personal and professional skills. For more information visit the Education Abroad Office web site.

www.rmit.edu.au/globalpassport/educationabroad

'Along with excellent academic support and recognition, RMIT offers an incomparable multicultural environment.'

– Juni Gurung, Nepal
*Master of Applied Science
(Information Security and Assurance)*



YOUR
JOURNEY

'I am very glad that I chose RMIT for my postgraduate studies. Along with excellent academic support and recognition, RMIT offers an incomparable multicultural environment.'

'Being an international student, I believe it is always important to be welcomed as a part of the community. Moreover, I am very grateful to my lecturers and school for being supportive, helpful and encouraging. I was really overwhelmed to be awarded a testimonial and prize money for my performance in the first semester. I am really enjoying the academic and fun side of RMIT and would recommend it to everyone.'

Support

- » Arrival Service
- » Meet and Greet Service
- » Accommodation (Housing Advisory Service)
- » International Student Information and Support
- » International Student Service Centre
- » Disability Liaison Unit
- » Childcare
- » Student Legal Service
- » The Hub

Computers and IT

- » Laboratories
- » Email and internet access
- » Remote dial-in
- » Software downloads
- » Virus information
- » Wireless network

Health and well-being

- » Chaplaincy
- » Counselling
- » Health services and education seminars
- » Fitness centre

Spiritual

- » Buddhist Society
- » Campus Christian Movement
- » Islamic Society
- » Prayer rooms across RMIT

Academic

- » Aerospace Students Association
- » Environmental Engineering Students Association

Cultural

- » African Students Association
- » Chinese Students and Scholars Association
- » Singapore Students Association
- » Saudi Students Union

Associations

- » RMIT Association of International Students (RAIS)
- » RMIT Postgraduate Association
- » RMIT Union
- » Student Union
- » Alumni

Study resources

- » Learning Support
- » Study Skills Workshops
- » RMIT University Library
- » Study and Learning Centre

Student media

- » RMIT University News (Openline)
- » Student News Bulletin (The Fly)
- » Catalyst student newspaper
- » RMITV student television
- » SYN FM student radio

Clubs and societies

- » Sport and Recreation
- » Arts

RMIT University provides education and training to more than 70 000 students, including 24 000 international (onshore and offshore) students from regions all over the world, and more than 100 countries, including: China, Hong Kong, India, Indonesia, Japan, South Korea, Malaysia, Mauritius, Middle East, Singapore, Sri Lanka, Taiwan, Thailand, the Americas and Vietnam.

Of the international students, 10 000 study at our onshore campuses, 10 000 study an RMIT program with an offshore institution partner, and approximately 4 000 study at our Vietnamese campuses.

RMIT offers a wide variety of services that reflect the needs of a diverse student body.

Pathways

RMIT is able to provide postgraduate students with education pathways towards further qualifications. Students can undertake graduate certificate or graduate diploma level studies, obtain credit for the work they have completed, and then apply for admission into a master program. For example, a one-year graduate diploma may be recognised as the equivalent of the first year of a master by coursework program. For more information refer to program details within this publication.

Teaching methods

Coursework

The Australian education system is similar to the British system. Classes are taught in English via a combination of lecture, seminar, tutorial, workshop, studio, practical and laboratory sessions. Students learn core information in lectures followed by small group discussion in seminars and tutorials.

Research

Students undertake the approved research program under the supervision of an appointed research supervisor.

Assessment

Coursework

Assessment is ongoing throughout the semester and may include examinations, essays/reports, oral class presentations, group projects, research projects, laboratory projects and practical assignments.

Research

Completion of the degree involves submitting a thesis or project for critical review by a panel of experts in the field of study. Students must complete a minimum period of independent graduate research (this minimum period is defined by the University as follows: master—one year; PhD—two years) in which relevant original contributions are made. At RMIT, students are allowed a maximum duration of four years to complete a PhD. This means that PhD students can apply for and receive a student visa for four years.

Industry experience

The RMIT International Industry Experience and Research Program (RIIERP) provides an opportunity for students to undertake training and research programs with companies outside of Australia. The program exposes students to some of the world's best-practice companies and the work ethic of different cultural environments. It also gives RMIT valuable feedback on how the academic and research expertise of our students compares internationally.

Participating companies include such respected names as Airbus, EADS, Bentley Motors, the Siemens Group, IBM, Nestlé, Robert Bosch, Volkswagen and the Rolls-Royce Group in both North America and Europe.

Professional recognition

Most of RMIT's programs are professionally recognised. Programs are designed with industry input, are up-to-date and directly relate to specific jobs and careers. Where a program meets the requirements of an industry body, for example membership is available to graduates, details will be provided in the program summary.

Scholarships

RMIT University's International Scholarships Program (ISP) provides a range of opportunities for current and commencing students. Examples of scholarships available for international postgraduate research students include:

- » RMIT University International Research Scholarship
- » The Australian Government's Endeavour International Postgraduate Research Scholarship (IPRS)

These scholarships are available for master by research or doctorate (PhD) degree international students, who will undertake quality research (fundamental or applied) in any of RMIT's areas of research specialisation.

For the latest scholarship offers (including external scholarships), further details or application forms, please refer to the scholarships web site.

www.rmit.edu.au/students/scholarships/international

Academic calendar

2010	
1 March	Semester 1 Commences
8 June	Exams
28 June – 16 July	Semester Break
19 July	Semester 2 Commences
25 October	Exams
15 December	Graduation Parade and Ceremony
2011	
28 February	Semester 1 Commences
6 June	Exams
27 June – 15 July	Semester Break
18 July	Semester 2 Commences
24 October	Exams
14 December	Graduation Parade and Ceremony

Mentors Assisting the Transition Experience (MATE)

Make friends before you start your studies at RMIT!

Prior to travelling to Melbourne, why not join RMIT's MATE program. This program will pair you up (via email) with a current RMIT student, providing you with someone to answer your questions, share tips on local culture and practise your English language skills. Joining the MATE program is a great way to start your social network and link up with services both on and off campus.

www.rmit.edu.au/isis/mate

Cost of living

Many students commencing their study at RMIT will be living away from home for the first time. While this is an exciting prospect, there are many responsibilities that need to be considered, including the establishment and management of a budget.

Living costs vary according to the type of accommodation, the number of people living in the accommodation and the location. Listed below is a sample budget for a single student for one year (excluding university fees).

www.rmit.edu.au/programs/international/livingcosts

Expenses	Per week AUS	Per year AUS
Accommodation establishment costs (rental bond [^] , furniture etc.)	—	1 905*
Rent for accommodation (share)	165	8 580
Overseas Student Health Cover (OSHC)	—	389
Telephone, gas, electricity, water	45	2 340
Travel (up to 10 km from city)	35	1 820
Books and stationery	—	845
Food	65	3 380
Personal expenses	85	4 420
Total annual costs (approximate)		AU\$23 679

* These costs are generally paid once only when first setting up accommodation.
[^] Bond is equivalent to four weeks' rent.
 All prices are estimates for 2009/2010.

Additional costs

Additional expenses for items such as textbooks, program notes, field trips, special equipment and materials may apply to some programs.

www.rmit.edu.au/programs/fees/other

Tuition fees

RMIT University reserves the right to annually adjust program tuition fees to take into account increases in University and program delivery costs. Changes to program tuition fees will be applied at the beginning of each calendar year. RMIT will ensure that any future annual fee increase will be maintained below 7.5% (subject to rounding). Program tuition fees are invoiced on a semester basis based on the enrolled load for that particular semester. Program tuition fees do not include Overseas Student Health Cover, administrative services charges, books, equipment and other materials required to undertake the program or compulsory activities where relevant, such as fieldwork, excursions or laboratory practicals. Details on additional costs can be found in the program descriptions on the RMIT web site and at the RMIT fees web site for all students.

www.rmit.edu.au/programs/fees

Employment

International students studying in Australia on a student visa are able to work in Australia. Students can work up to 20 hours per week during study blocks and full-time during semester breaks.

www.rmit.edu.au/programs/international/workpermit

Health insurance

Overseas Student Health Cover

All students who hold or are planning to hold a student visa are required to maintain valid OSHC at all times. Students who are accompanied by their families must also ensure their families are covered with valid OSHC. This is a condition of your student visa.

Norwegian students with Norwegian National Insurance Scheme cover and Swedish students with international cover arranged through the Swedish National Board of Student Aid (CSN) are covered for medical expenses in Australia and do not need OSHC.

www.rmit.edu.au/programs/applications/health

Refund policy

Information regarding RMIT University's Refund Policy can be found at:

www.rmit.edu.au/policies/refunds

'Melbourne is a very interesting, multicultural city that hosts fantastic international events, some of which I have been fortunate to attend.'

— Kevin Abel, Vanuatu
Graduate Certificate of Aviation Industry Management



MELBOURNE
IS A MULTICULTURAL CITY

As the events capital of Australia, Melbourne is a sophisticated, modern and friendly city with a reputation for embracing the arts. Home to many cafes, theatres, galleries, sporting venues and a network of parks and gardens, there is always something to do. Even better, RMIT University is located in the centre of it all!

Top destination

Melbourne is one of the world's most liveable cities, according to the UK's Economist Intelligence Unit. The liveability poll ranked cities according to: health care, stability, culture and environment, education and infrastructure. The poll declared Melbourne third out of 140 cities. Incidentally, Melbourne was the highest ranking Australian city.

www.studymelbourne.com.au

Weather

Known for its four seasons, Melbourne's summers can be dry and hot, with the average daytime temperature reaching 28°C (82°F), while winters can be cool and wet, dropping to an average daytime temperature of 14°C (57°F).

www.melbourne.vic.gov.au

Events

Throughout the year, Melbourne plays host to a wide variety of events including:

- » Fashion Week
- » Australian Formula One Grand Prix
- » Australian Open (Tennis)
- » One Day International and Test Cricket Matches
- » Melbourne International Comedy Festival
- » Melbourne Cup Carnival (international horse racing)
- » Moomba Waterfest
- » Writers' Festival
- » Food and Wine Festival
- » International Arts Festival
- » Melbourne Jazz Festival
- » Australian Rules Football
- » Melbourne International Film Festival

www.thatsmelbourne.com.au

Accommodation

The RMIT Housing Advisory Service provides information, advice and assistance on the accommodation options available to students. These include:

- » share and rental accommodation
- » private student hostel accommodation
- » homestay/full-board
- » student apartment complexes.

www.rmit.edu.au/housing

RMIT Village Old Melbourne is another option. This privately operated hotel has been renovated to provide student accommodation and is conveniently located close to shops, cafes and RMIT's City campus.

www.rmitvillageom.com.au



Student profile

Jenish Joshi, Nepal

*Master of Social Science
(International Urban and
Environmental Management)*

Anil Datta Bhatta, Nepal

*Master of Engineering
(Sustainable Energy)*

'Melbourne is a beautiful city that we feel quite safe in. The people are very friendly and the overall atmosphere is very casual. We love to walk along the Yarra River and wander around Federation Square. They are such lively places.'

Melbourne, one of the
World's Most Liveable Cities,
is also Australia's cultural hub.

HOW TO APPLY

Research

Step 1	<p>Identify the area of research you would like to work in:</p> <ul style="list-style-type: none"> » Refer to enclosed program information » Review supervisor lists and note research interest areas for each supervisor <p style="text-align: center;">www.rmit.edu.au/research/hdr/supervisors</p> <ul style="list-style-type: none"> » Talk to program advisors and potential supervisors
Step 2	<p>Select research program:</p> <ul style="list-style-type: none"> » Take careful note of program's academic requirements
Step 3	<p>Complete the International* Research Student Application Form:</p> <ul style="list-style-type: none"> » Ensure you include additional information <p>Please refer to application checklist</p>
Step 4	<p>Submit your application by post, fax or online to either of the following:</p> <ul style="list-style-type: none"> » Directly to RMIT University International Services, or via » RMIT registered representative <p>Note: Application may take three to five weeks for processing</p>
Step 5	Receive your offer
Step 6	Accept your offer
Step 7	Apply for your student visa
Step 8	Arrive in Melbourne

Application checklist

As you will see, there are a number of steps involved when applying for a postgraduate research program at RMIT. It is recommended that you follow the steps outlined, paying particular attention to supervisor information, academic requirements and any additional information that your intended program requires. Should you have any questions regarding the application process, please do not hesitate to contact RMIT University International Services.

Please ensure you include the following with your completed International* Research Student Application Form:

Academic

- » Certified academic transcript of results plus one certified copy translated into English if appropriate
- » Certified copies of graduation certificate(s)
Your graduation certificate(s) must be placed in front of your academic transcripts for each qualification
- » Evidence of English language proficiency IELTS or TOEFL result—this may be forwarded at a later date

Research proposal

- » Statement indicating why you wish to undertake this research
- » Research proposal that outlines your objectives, methodology and expected outcomes in less than 200 words
- » Copies of any relevant publications, unpublished thesis or essays you have completed

Employment history

- » Evidence of your employment history
 - On company letterhead (where applicable)
 - References from your employer

Additional information

If applicable, please provide the following:

- » Letter from scholarship provider
- » Disability support details
- » Additional information as requested by the program supervisor

Some programs require additional information to be submitted along with the application form. Where applicable, please include:

- A folio of 12 slides or a CD-ROM including annotation introducing the work
- Supplementary forms relevant to the program.
These forms can be downloaded from:
www.rmit.edu.au/programs/international/supplementary_forms

Please ensure that your submission is clearly labelled with personal details, including full name and date of birth. RMIT strongly recommends that folios are submitted electronically, however, if a hard copy is to be submitted, please ensure that it is not original work (as it will not be returned), and that it is no larger than A4 size.

www.rmit.edu.au/programs/international/researchapps

* International students are citizens of countries other than Australia (with the exception of New Zealand citizens and Australian Permanent Residents).

Coursework

Complete the International* Student Application Form.

www.rmit.edu.au/programs/applications/applicationguide

Application checklist

Some programs require additional information to be submitted along with the application form.

If you are requested to submit a folio, slides or CD, please ensure that the submission is clearly labelled with personal details, including full name and date of birth. RMIT University strongly recommends that folios are submitted electronically (including CD format). RMIT accepts CD folios that clearly demonstrate the student's illustrating or design skills preferably in PDF, JPEG, SWF, DCR or QuickTime format suitable to be read on Macintosh computers.

If a hard copy folio is to be submitted, please ensure that it is not original work (as it will not be returned) and that it is no larger than A4 size.

www.rmit.edu.au/programs/international/supplementary_forms

Advanced standing/exemptions[#]

RMIT recognises previous relevant study conducted by an industry or educational institution in Australia or overseas. Applicants may be eligible for exemptions when courses previously studied at a recognised institution are considered equivalent to a course/s in the program to be commenced. To be considered for advanced standing, the student must provide the program syllabus, academic transcripts and a certificate of graduation with their application.

Students applying for work placement exemptions will be considered if they have 10 to 12 months' full-time work experience in a relevant position. Applicants must provide a letter of reference from their employer that outlines the duties, responsibilities, length of employment and whether the position was full-time or part-time.

Some programs also recognise and give exemptions based on life experience. This may include employment history, volunteer work or other relevant experiences.

[#] Also known as Recognition of Prior Learning (RPL)

www.international.rmit.edu.au/info/advancedstanding

Application procedures and dates

There are no application deadlines however, RMIT recommends that students apply several months in advance due to program popularity. Students must also allow ample time for visa and travel arrangements.

RMIT registered representatives

RMIT University has an approved network of registered representatives located around the world to assist students with program and application queries. Some representatives are private companies, and some are part of the IDP Education Australia group. These representatives are knowledgeable about the Australian education system, RMIT University and the RMIT application process. They will assist students with program queries and program and visa applications.

www.international.rmit.edu.au/info/agentlist



CREATING YOUR FUTURE

The Design and Social Context College encompasses RMIT University's art, architecture, design, communication, global studies, education, building, environment, planning, and social science discipline areas.

A commitment to creativity and the individual development of students is central to our philosophy. Studies are designed specifically to meet the professional, personal and vocational needs of the student.

Offering nearly 70 postgraduate coursework and research programs, the Design and Social Context College is committed to fostering an environment which transforms and advances knowledge and professional practice by engaging in new forms of intellectual and cultural activity.

Emphasis is placed on critical, responsible and knowledge-based approaches to study and research. A strong tradition of publication and exhibition exists in which staff and students actively participate.

Our vibrant research community attracts funding from a range of government and industry sources. We have a number of nationally and internationally recognised research centres, such as the Australian Housing and Urban Research Institute (AHURI), Centre for Design, Centre for Applied Social Research, and the Globalism Institute.

Supervisor list

RMIT has hundreds of research supervisors listed, all with unique interests and areas of specialisation. For the latest up-to-date supervisor listing, please refer to:
www.rmit.edu.au/research/hdr/supervisors

Art, Architecture and Design

Architecture

MC163 *Master of Architecture*

CRICOS code: 060829B

Duration: 2 years

City campus

To maintain RMIT's architecture program's leading position in the international market, and offer our graduates degrees that are competitive and valuable, the architecture program at RMIT has moved from a five year *Bachelor of Architecture* degree to a *Bachelor of Architectural Design* and *Master of Architecture*. This has created a 3 + 2 degree structure for architecture graduates, culminating in the professionally accredited *Master of Architecture* program.

The *Master of Architecture* is becoming standard internationally as the professional degree, and most architecture programs in Australia are currently in the process of moving, or have moved toward this or a similar model. The *Master of Architecture* is part of the new 3 + 2 structure (years 4–5) for five years of professional education in architecture.

The program is discipline specific and design focused. That is, it develops an advanced understanding of the discipline of architecture while providing a diverse set of skills and learning experiences. Its focus is on developing the core skills of the architect – architectural design to an advanced level, and in building a self-critical understanding of students' own work, and an understanding of research through the medium of design.

Program structure

Year one	Credit points
» Architecture Design Studio 7	24
» Architecture Professional Practice 1	12
» Architecture Asian Urbanism	12
» Architecture Design Studio 8	24
» Architecture Professional Practice 2	12
» Architecture Design Elective 1	12
Year two	
» Architecture Design Studio 9	24
» Architecture Professional Practice 3	12
» Architecture Design Elective 2	12
» Architecture Major Project	36
» Architecture Design Elective 3	12

www.rmit.edu.au/programs/mc163

Teaching methods

Classes are taught in a combination of lecture, design studio, seminar, tutorial, audio visual and model making, workshops, practical and laboratory sessions.

Academic entrance requirements

Completion of a first architectural discipline degree is a prerequisite for entry to the *Master of Architecture*. The *Bachelor of Architectural Design* at RMIT fulfils this prerequisite. A degree from another institution will need to be architecture specific and acceptance into the master program is merit based.

Folio requirement

Preferred format:

- » Hard copy printed folio of either A3 or A4 size printed in colour. The folio should be a package of images, drawings, sketches, paintings, models, photographs, computer work, etc. of personal creative/design projects.
 - » Maximum 30 pages.
- Or digital format to the following specification:
- » A3 or A4 size PDF document only.
 - » Maximum 30 pages.
 - » Maximum size 10 MB.

Professional recognition

Completion of the two-year *Master of Architecture* program, following the three-year Bachelor degree, is required to meet the academic requirements for registration as an architect under the Architects Registration Act of Victoria, and for membership of the Royal Australian Institute of Architects. Professional experience is also required before graduates are eligible for registration.

Careers

Graduates of the program are employed by architecture, design and building companies from private and public industry. Small to medium-sized practices offer opportunities for engaging with a broad range of practice activities. Large architectural firms often encompass a number of disciplines and have offices or projects occurring overseas.

Art in public space

GC045 *Graduate Certificate in Art in Public Space*

CRICOS code: 022046D

Duration: 0.5 year

GD070 *Graduate Diploma in Art in Public Space*

CRICOS code: 022047C

Duration: 1 year

MC079 *Master of Arts (Art in Public Space)*

CRICOS code: 022048B

Duration: 1.5 years

City campus

RMIT's art in public space programs are amongst the first of their kind in the world, and address issues of art in public space which are an important feature of current international cultural debate.

The art in public space program offers a broad theoretical and historical understanding of the discourses on, and practice of, art in public space. It provides training in dealing with the practical and theoretical problems arising from the situation of art in public space and examines current definitions of *real* and *virtual* public space.

The program addresses questions such as:

- » Where are the spaces that enable art to be an active interpretation, rather than decoration, of the city?
- » Who should define policies for public culture?
- » How can art negotiate the new spaces of the contemporary public sphere such as the Internet?

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Program structure

Stage A	Credit points
» Histories and Theories 1	12
» Integrated Project 1	12
» Place, Space and Technology 1	12
» Professional Practice 1	12
Stage B	
» Histories and Theories 2	12
» Integrated Project 2	12
» Place, Space and Technology 2	12
» Professional Practice 2	12
Stage C	
» Major Project Presentation	12
» Major Research Project	36

www.rmit.edu.au/programs/mc079

Academic entrance requirements

Bachelor of Arts in Fine Art or equivalent degree from an approved university or college of art, with a distinction in the major discipline; or a tertiary qualification together with considerable professional practice in an appropriate discipline that demonstrates an ability to undertake the program.

Work experience

RMIT public art/art and public space works regularly with overseas partners. International projects are undertaken and students have the opportunity to participate in one overseas project as a specialist field trip when available. Such projects have recently been conducted in China, Italy and Turkey.

Professional recognition

The program, the first of its kind in Australia, was initiated by a Program Development Committee including representatives from the fine arts, architecture, geography, urban planning, art history and theory, and arts administration.

Careers

The program offers the experience required to produce public art projects in the professional environment, or acquire the expertise to work in the field of criticism and specialised arts management. Students will attain the training to act as client representatives and public art project, business and site managers.

Arts management

GD028 Graduate Diploma in Arts Management

CRICOS code: 061672K

Duration: 1 year

MC034 Master of Arts (Arts Management)

CRICOS code: 061673J

Duration: 1.5 years

City campus

These programs provide students with the opportunity to recognise, develop and extend their professional knowledge, skills, attitudes and values within a flexible framework. Students will be equipped for senior positions of responsibility in a variety of educational and arts industry contexts and become able to assist their organisations to address strategic priorities in a systematic and effective manner.

Specifically, the programs aim to produce, in cooperation with the education, training and arts industries, highly skilled, critical, reflective and ethical practitioners committed to making a substantive contribution to the field of arts management and the community.

Program structure

Graduate diploma	Credit points
<i>Complete four courses from</i>	
» Arts Management	24
» Community Arts Management	24
» Cultural Policy and Practice	24
» The Law and Arts Management	24
» Gallery and Museum Management	24
» Minor Independent Study	24
» Curating Contemporary Art	24

Master

Complete six (6 x 24 credit points including Research Strategies) courses from

» Arts Management	24
» Community Arts Management	24
» Cultural Policy and Practice	24
» The Law and Arts Management	24
» Gallery and Museum Management	24
» Research Strategies	12
» Integrated Project 1	12
» Curating Contemporary Art	24
» Minor Independent Study	24
» Project 1	24

Or

Complete four 24 credit points courses

(including Research Strategies and excluding Project 1) from the above and two courses from

» Project 2a	24
» Project 2b	24

www.rmit.edu.au/programs/mc034

Teaching methods

All courses are taught face-to-face in the form of lectures, tutorials, seminars and workshops outside normal working hours.

Assessment

Assessment is ongoing throughout the semester and may include essays/reports, oral class presentations, group projects, research projects, and practical assignments.

Academic entrance requirements

An appropriate initial degree and at least one year of relevant professional or additional academic experience. Applicants without this academic qualification may be considered for entry if they produce evidence or experience which satisfies the relevant Head of School that they have developed a knowledge of the field of study sufficient to undertake the proposed program.

Pathways

Recognition of current competencies is available for these programs. The master program can lead to entry into higher degree research programs. For further information please contact the program coordinator at artschool@rmit.edu.au.

Professional recognition

The *Master of Arts* by coursework and the *Graduate Diploma in Arts Management* are formally accredited programs and provide evidence of substantial achievement for promotion and employment purposes in occupations relating to education and the arts industry.

Careers

Graduates will be employable as senior practitioners in a variety of educational, training community and arts industry settings which require high levels of knowledge and skills in areas such as arts administration and management, project management and research methods.

Fashion and textiles

MC164 *Master of Fashion and Textiles*

CRICOS code: 061110M

Duration: 1.5 years

Brunswick and City campuses

Worldwide the fashion and textile industry employs tens of millions of people. They are employed in every aspect of the supply chain from raw material production to high end fashion design to management of multinational corporations. Two significant trends are emerging in the industry, one is increasing globalisation and the other is the need of developing countries to move beyond the first stages of fibre, yarn and fabric production to more labour and cost intensive aspects such as design, brand management, quality control and distribution to be able to compete in global markets.

It is an industry of complex supply chains and rapid technology change that requires experienced and knowledgeable professionals who understand how to pull together their organisation's needs efficiently and effectively.

RMIT's *Master of Fashion and Textiles* focuses on the international fashion and textile industry and is aimed at people wanting a successful career in this industry. It is for people who want a postgraduate qualification that builds and adds expertise and knowledge in the areas of design, technology and supply chain management to their existing textile, merchandising and fashion skill base. This program is relevant to fashion designers/technologists, textile designers/technologists, industry managers and those with a fashion and textiles merchandising and marketing background. This postgraduate program also offers an entry point to people wanting to start a business in the fashion or textile industry.

This program addresses not only textile and fashion industry issues, but includes the broad scope of business operations, such as marketing and distribution, product development, leadership and management, industry economics and the global issues in current business environments.

Graduates from this program will be skilled and knowledgeable in the areas of: global fashion and textile markets, supply chain structures, business management issues and understand the implications of technology which are all contextualised within the fashion and textiles industry.

Program structure

Core courses

Credit points

Select six courses

- » Advanced Case Studies in Fashion and Textiles 12
- » Advanced Textile Materials and New Technology 12
- » Global Business Issues Fashion and Textiles 12
- » Innovation and Entrepreneurship 12
- » Leadership and Management (Executive) 12
- » Research Methods (Fashion and Textiles) 12

Electives

Select 72 credit points

- » Accounting for Management Decisions 12
- » Business Planning 12
- » CATD3 – Fashion and Textiles Design 12
- » Distribution and Logistics Fashion and Textiles 12
- » Design Manage and Quality Systems 12
- » E-Commerce Development 12
- » Fashion and Textiles Arts and Culture 12
- » Fashion and Textiles Merchandising Management 12
- » Major Project 24
- » Master Pattern Engineering 12
- » Marketing Management and Implementation 12
- » Production Management for Fashion and Textiles 12
- » Product Development Strategies 12
- » Trend Forecasting Fashion and Textiles 12
- » Retail Management Strategies 12

Elective choice is subject to availability.

www.rmit.edu.au/programs/mc164

Teaching methods

All courses are taught in combination of online and face-to-face in the form of lectures, tutorials, seminars and workshops during normal working hours.

Academic entrance requirements

Applicants must have a bachelor degree from a recognised tertiary institution or significant professional practice within the fashion and textiles or merchandising/retail industry. Typically professional experience is at least five years' practice.

Extra requirement

Applicants with the required undergraduate qualifications do not need to submit a folio. Applicants without undergraduate qualifications need at least five years' professional experience in the areas of fashion and textiles. To demonstrate this experience they need to submit a resumé, two professional references and may need to submit a folio. A folio is not required if work experience is in textile technology.

Applicants with non-fashion/textile undergraduate degrees will have to complete a five-day Fashion/Textile Product Knowledge Workshop offered by RMIT's School of Fashion and Textiles during the first semester of the study to fulfill required prerequisites for a number of courses.

Pathways

There are no formal articulation arrangements with other RMIT programs involving credit or guaranteed entry. However, it is envisaged that some students will enter the program via a pathway from RMIT undergraduate programs including the *Bachelor of Applied Science (Textile Technology, Fashion Technology, Fashion and Textiles Merchandising)*, the *Bachelor of Arts (Textile Design)* and the *Bachelor of Design (Fashion)*.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent



Graduate profile

Ginny Grayson

Master of Fine Art

RMIT University lecturer and graduate Ginny Grayson has won the 2008 Dobell Prize for Drawing, one of Australia's most prestigious art awards. Ginny's winning entry was described as thoughtful and challenging.

Ginny completed a *Master of Fine Art* at RMIT in 2005 and is now a sessional lecturer in drawing.

Fine art

MC078 *Master of Fine Art*

CRICOS code: 022049A

Duration: 1 year

City campus

The *Master of Fine Art* (coursework) program is centred on the individual candidate's practice and is designed to provide the serious art student with the opportunity to attain a high professional level of excellence.

The program provides a stimulating and supportive environment for rigorous postgraduate study. The program is pluralist in outlook, balancing the conceptual with the practical. Many students work in a cross-disciplinary context. These approaches are encouraged and exist along side art practices that are discipline specific.

Program structure

Year one

Credit points

» Major Project A	24
» Major Project B	36
» Major Project Proposal Development	12
» Professional Practice Advanced Seminars	24
» Self Directed Projects A	24
» Self Directed Projects B	24

www.rmit.edu.au/programs/mc078

Teaching methods

Teaching methods include supervised studio practice, cross-disciplinary group tutorials, individual tutorials, seminars and lectures. Students are required to make a formal presentation contextualising their practice. A short essay is required from the mid semester seminar. Semester two culminates in an exhibition/presentation of the major project. A proposal and visual documentation is also required for the final assessment.

Assessment

Assessment is ongoing throughout the semester and may include examinations, essay/reports, oral class presentations, group projects, research projects, studio/design projects and practical assignments.

Academic entrance requirements

A *Bachelor of Arts in Fine Art*, or equivalent degree from an approved college or school of art, with a distinction in the major discipline (or recognised equivalent); or a tertiary qualification together with considerable studio practice in an appropriate discipline which demonstrates an ability to undertake the program. All candidates will be expected to attend an interview and folio review.

An applicant must demonstrate not only the technical skills of a competent artist, but also the intellectual ability characteristic of the dedicated artist. The applicant's portfolio must demonstrate a commitment to a personal vision in an informed context of art and a level of maturity sufficient to develop advanced forms and concepts of visual art.

Folio requirement

You are required to submit a folio of your art, design or media work on a CD-ROM (at least 15 pieces). It should demonstrate your creative, conceptual and technical abilities. Pieces can include drawings, paintings, graphic designs, sculpture, video, scripting, short story and 2D and 3D Flash animation. The images on the CD-ROM must be in PDF, JPEG, SWF,DCR or Quick Time format suitable to be read on Macintosh-based computers. Your CD must be attached in a separate folder and clearly labelled with your name and contact details. Please note: folios will not be returned.

Graphic design

GD071 *Graduate Diploma in Graphic Design*

CRICOS code: 012371G

Duration: 1 year

City campus

The *Graduate Diploma in Graphic Design* is the only postgraduate program of its type in Victoria. It has been developed to provide a pathway through education into the graphic design industry from related fields as well as other areas of experience. A conceptually developed folio demonstrating an understanding of design processes and aesthetics is the primary outcome of the program which takes a strong professional approach to the design industry. Some people take on the *Graduate Diploma in Graphic Design* to change careers but many use it to enhance or formalise skills they already have.

The graduate diploma is a pathway into RMIT's *Master of Design (Communication Design)*.

The program comprises 11 courses from which students are required to complete eight to gain their graduate diploma. There are classes in software training for print and web design, typography and identity development, information design, professional practice, design context, and design process. There is also a design contract course where students can write their own brief and work under supervision. All courses have practical outcomes that will contribute to the student's folio. The program structure allows students to undertake a program of study targeted towards advanced conceptual and production skills without duplicating their prior experience. A conceptually developed folio of exciting and imaginative work demonstrating an understanding of design processes is the primary outcome of the program, strengthening a student's professional approach to the design industry. An extension of study in the *Graduate Diploma in Graphic Design* is the *Master of Design* online. Students who have completed eight courses in the graduate diploma can take four courses in the *Master of Design* to gain a master degree and take their skills and knowledge to a higher professional level.

Program structure

Graduate diploma

Credit points

» Contextual Studies	12
» Information and Interface	12
» Type and Identity	12
» Professional Practice	12
» Promotional Design	12
» Publication Design	12

Select two courses

- » Graphic Design Contract 12
- » Graphic Design Process/Bookmaking 12
- » Graphic Design Process/Illustration 12
- » New Media Technology and Process 12
- » Web Software and Design 12

www.rmit.edu.au/programs/gd071

Teaching methods

Teaching methods consist of evening lectures and tutorials on the City campus using a variety of tools.

Academic entrance requirements

A bachelor or equivalent; or evidence of successful completion of a post-matriculation diploma program of at least three-years duration; or an equivalent combination of employment experience and academic qualifications.

Folio requirement

You are required to submit a folio of your art, design or media work on a CD-ROM (at least 15 pieces). It should demonstrate your creative, conceptual and technical abilities. Pieces can include drawings, paintings, graphic designs, sculpture, video, scripting, short story and 2D and 3D Flash animation. The images on the CR-ROM must be in PDF, JPEG, SWF,DCR or Quick Time format suitable to be read on Macintosh-based computers. Your CD must be attached in a separate folder and clearly labelled with your name and contact details. Please note: folios will not be returned.

Careers

The program is intended to prepare graduates for mature and professional participation in a variety of activities in the graphic design industry.

Landscape architecture**MC172 Master of Landscape Architecture**

CRICOS code: 064392E

Duration: 2 years

City campus

The two year, *Master of Landscape Architecture (by Coursework)* is designed to provide a range of opportunities for students to experience the process of design research. As a result it is hoped that students will become leaders and innovators in design practice.

As a *Master of Landscape Architecture (by Coursework)* graduate, students will be prepared and accredited for the professional practice of landscape architecture.

Learning and teaching in this program aims to produce graduates that exit with knowledge that is alive and functioning.

There is much consideration given to establishing creative learning environments that privilege the learner. A majority of the learning occurs in design studios which attempt to foster creative risk taking through design research. To ensure our graduates are prepared for leadership within the landscape architecture profession, the program develops a fine-tuned ability to assess trends and to direct resources, skills and knowledge to meet emerging challenges and expectations.

Program structure

Year one	<i>Credit points</i>
» Landscape Architecture Design Research Studio 7	24
» Landscape Architecture Design Research Seminar 1	12
» Landscape Architecture Design Research Seminar 2	12
» Landscape Architecture Design Research Studio 8	24
» Landscape Architecture Design Research Seminar 3	12
» Postgraduate Student Elective	12
Year two	
» Landscape Architecture Design Research Seminar 4	12
» Landscape Architecture Masters Design Research Project A	36
» Landscape Architecture Masters Design Research Project B	48
Total credit points	192

Entrance requirements and application procedures

- » As a *Bachelor of Design* graduate, students can exit after successful completion of three years or they can apply for entry in to the *Master of Landscape Architecture (by Coursework)*. If students have a grade point average of 2.5 or above in the *Bachelor of Design* they will have guaranteed entry into the *Master of Landscape Architecture (by Coursework)*.
- » If students graduate from the *Bachelor of Design* with a grade point average less than 2.5 they may apply for entry into the *Master of Landscape Architecture (by Coursework)* and undertake additional selection requirements (such as a portfolio or interview). Selection via this route is competitive and not guaranteed.
- » If students have completed at least three years in an accredited landscape architecture program at another institution or completed a degree in a related AILA recognised discipline or architecture, they are eligible to apply for the *Master of Landscape Architecture (by Coursework)*.

Supplementary material requirements

- » Portfolio—a package of images, drawings, sketches, paintings, models, photographs, computer work, etc. of personal creative/design projects. Portfolios on CD or DVD are permitted. Hardcopy printed portfolios are preferred. Maximum size 10MB.
- » One A4 size letter outlining your reasons for applying.
- » Curriculum vitae—personal details, academic achievements and professional experience (any work experience you are currently undertaking).
- » Applicants Declaration Form
www.rmit.edu.au/landscape/programs/postgraduate

NB: Applicants must clearly label all supplementary material with their name and contact details.

Professional recognition

Graduates of the *Master of Landscape Architecture (by Coursework)* will be prepared and accredited for the professional practice of landscape architecture. The Australian Institute of Landscape Architects (AILA) is the profession's accrediting body.

Careers

Working independently or as part of a large multidisciplinary team, landscape architects find career opportunities in both the public and private sectors; in government organisations at federal, state and municipal level; and in the offices of landscape architects, architects, planners, urban designers and engineers throughout Australia. From urban design projects (plazas and pedestrian precincts) to working with large open spaces (parks and nature reserves), the parameters of projects are broad. Graduates may also become involved in smaller projects such as private gardens, historic estates and productive landscapes.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Architecture

MR048 *Master of Architecture*

CRICOS code: 001533G

Duration: 2 years

City campus

Master of Architecture candidates engage with specialised areas of design research through project mode or undertake historical and theoretical architectural research investigations in thesis mode. Project mode is undertaken within the structured framework of individual supervision in a choice of streams such as the Urban Architecture Laboratory (UAL), Spatial Information Architecture Laboratory (SIAL), Invitational Stream or individual practice-based research. Applicants for individual research should discuss their architectural research proposal with the research coordinator in the relevant discipline area. Thesis mode offers the framework, focus and discipline necessary to conduct speculative inquiry. Areas of research investigation include design theory, historical and theoretical studies, contemporary and Australian architecture, design and landscape.

Spatial Information Architecture Laboratory

Spatial Information Architecture Laboratory (SIAL) encourages master research that investigates the culture and practice of contemporary creative production. The master program may be undertaken in a project or thesis mode. As such, modes of investigation may focus on experimental pursuits within the laboratory or take the form of an historical, theoretical investigation. SIAL offers a master program where one third involves research-based coursework. The collaborative research is workshoped on a regular basis.

Urban Architecture Laboratory

The Urban Architecture Laboratory is devoted to a direct engagement with contemporary urbanism. Research is an ongoing inquiry into the diversity of forces that shape the contemporary metropolis with a particular emphasis on Melbourne as a case study. The program works through a testing of architectural responses to these issues through large scale, speculative design projects that aim to confront difficult urban problems to which there are currently no obvious answers. Research is conducted in an intensive studio environment with yearly themes that are proposed as a framework for the development of each candidate's thesis question which will develop over the duration of their candidature.

In addition to the RMIT staff attached to the program, leading national and international architects are invited as guest professors each semester, and professionals from a range of disciplines that have particular expertise around the issues being researched contribute to the program.

Centre for Design

Centre for Design (CfD) encourages master and doctoral research that investigates the environmental performance of products, services and buildings, and the pursuit of sustainability outcomes through enhanced practice, policy and capacity. Research may be undertaken in a project or thesis mode. CfD undertakes a wide range of applied research with a strong environmental sustainability focus for government, non-government and commercial organisations. It offers collaborative research opportunities in a team environment which link to these research projects across four areas; sustainable built environments, sustainable materials, products and packaging, and life cycle assessment.

Program structure

The curriculum is based on three simultaneous and interrelated streams: intensive design studios, focussed research seminars and the ongoing development of an individual design thesis which is the penultimate outcome of each candidate's degree.

www.rmit.edu.au/programs/mr048

Academic entrance requirements

A first degree in architecture from RMIT or equivalent; or evidence of experience which satisfies RMIT that the student has developed knowledge of the field of study sufficient to undertake the program.

RMIT's School of Architecture and Design requires applicants to provide a research proposal with their application. The research proposal, normally between 1-5 pages, should address the following points:

- » **Proposed title of study**
Indicate the central theme you are exploring in one succinct phase.
- » **What is it that you want to research and with what end in mind?**
What are the research questions you are asking? What is the material and area you want to study?
- » **Outline how you will conduct your research?**
What research approach/method/structure will you use?
- » **Attach a preliminary list of readings, references and precedents.**
Is there an existing body of work, which is relevant to your research?

Folio requirement

If you intend on developing your research through project work you should provide a hard copy portfolio or you may supply an electronic/digital copy of your folio. If you are applying for UAL you must supply a hard copy folio.

The folio should be:

- » A4 size, bound
- » show a minimum of 4 recent projects, including your undergraduate thesis
- » include a descriptive range of 2D and 3D drawings, images, etc.
- » include a short text explanation for each project
- » relevant research/study material can be included to support design projects
- » file size for electronic submission should not exceed 10 MB.

www.rmit.edu.au/architecturedesign/researchapplication

Architecture and design

DR067 *Doctor of Philosophy (Architecture and Design)*

CRICOS code: 065749F

Duration: 4 years

City campus

Postgraduate degrees by research offer the framework, the focus and the discipline necessary to conduct speculative inquiry. The province of the PhD is the exploration of new territories of inquiry, contributions to the knowledge-base of the discipline, and steps toward the redefinition of aspects of that discipline. Current individually supervised research programs are focused on the nexus of design and theoretical positions drawn from related disciplines, and from critical, historical, technological and practical knowledge in architecture, industrial design, interior design and landscape architecture. The Doctor of Philosophy may be undertaken in a project or thesis mode.

Program structure

www.rmit.edu.au/programs/dr067

Academic entrance requirements

A first degree in architecture from RMIT or equivalent; or evidence of experience which satisfies RMIT that the student has developed knowledge of the field of study sufficient to undertake the program.

RMIT's School of Architecture and Design requires applicants to provide a research proposal with their application. The research proposal, normally between 1-5 pages, should address the following points:

- » **Proposed title of study**
Indicate the central theme you are exploring in one succinct phase.
- » **What is it that you want to research and with what end in mind?**
What are the research questions you are asking? What is the material and area you want to study?
- » **Outline how you will conduct your research?**
What research approach/method/structure will you use?
- » **Attach a preliminary list of readings, references and precedents.**
Is there an existing body of work, which is relevant to your research?

Folio requirement

If you intend on developing your research through project work you should provide a hard copy portfolio or you may supply an electronic/digital copy of your folio. If you are applying for UAL you must supply a hard copy folio.

The folio should be:

- » A4 size, bound
- » show a minimum of 4 recent projects, including your undergraduate thesis
- » include a descriptive range of 2D and 3D drawings, images, etc.
- » include a short text explanation for each project
- » relevant research/study material can be included to support design projects
- » file size for electronic submission should not exceed 10 MB.

www.rmit.edu.au/architecturedesign/researchapplication

Communication design

MR059 *Master of Design – Communication Design*

CRICOS code: 061183E

Duration: 2 years

City campus

This *Master of Design (research)* usually centres around the investigation of a student selected research topic. The basis of this program is toward studio projects with an emphasis on relating the communication design research back to contemporary professional practice and the creative process.

Delivery for the studio program is by supervision, supported by research methods in the first semester where the candidate clarifies their terms of reference and methodology. The candidate works towards their first review of candidature where they outline their topic and how they might go about their research program.

Following approval of their candidature the student would work independently on their defined individual, studio project.

The following provide some examples of recent research topics:

- » designing for people: applying a social practice in communication design
- » appropriation as a generative catalyst for graphic design
- » aligning socio-cultural commentary with graphic narratives
- » the contribution of graphic wit in communication design
- » possible roles of communication design within public space
- » creative image-making processes in graphic design.

Supervision of the project is delivered through scheduled, individual meetings and weekly research seminars. The candidates share and present their work in progress for critique every semester at the Graduate Design Research Conference, alongside their peers in architecture, landscape architecture, fashion, industrial and interior design. The research conference provides a rich environment for sharing ideas across disciplines and access to visiting lecturers and local industry critics.

There is a team of acclaimed designers and educators from the United States and Europe who regularly visit RMIT, delivering lectures and meeting one-on-one with students. This team of visiting critics supports the diversity of topics and broadens the debate, while the face-to-face supervision focuses on the more detailed process issues related to independent study. The regular research seminars offer the opportunity to track other candidate's projects and learn within a peer supported environment.

Applicants are expected to have a capacity for independent, intellectual research in their proposed field of study. Research implies a formal academic process that investigates, analyses and contributes original knowledge to that field of study.

Examination of project-based research is usually by publication, exhibition, installation or other appropriate forms of public presentation.

Program structure

www.rmit.edu.au/programs/mr059

Academic entrance requirements

Applicants with a degree of distinction or higher in an appropriate discipline and/or extensive experience in the relevant industry may be considered for *Master of Design* candidature, depending on the quality and scope of the proposed research.

Careers

Postgraduate programs in RMIT's School of Applied Communication aim to produce graduates who will be able to perform at the highest professional levels. Many graduates have become successful leaders in their field.

Fashion

MR067 *Master of Arts – Fashion*

CRICOS code: 007461C

Duration: 2 years

City campus

The *Master of Arts* offers candidates the opportunity to undertake research relevant to the theory and/or practice of design for apparel, or related areas including future directions for the fashion industry.

Within fashion the following areas have been identified of particular interest:

- » Psycho/physical self (in 21st century)
- » Eco/ethic/futures
- » Innovative design practice.

Program structure

www.rmit.edu.au/programs/mr067

Academic entrance requirements

A recognised undergraduate degree with honours and/or relevant work experience. Applicants are normally required to attend an interview, submit evidence of their ability and experience, and demonstrate that they are able to pursue an independent investigation in their chosen area.

Applicants must also include a CV and two (2) reference letters with their application.

RMIT's School of Architecture and Design requires applicants to provide a research proposal with their application. The research proposal, normally between 1-5 pages, should address the following points:

- » **Proposed title of study**
Indicate the central theme you are exploring in one succinct phase.
- » **What is it that you want to research and with what end in mind?**
What are the research questions you are asking? What is the material and area you want to study?
- » **Outline how you will conduct your research?**
What research approach/method/structure will you use?
- » **Attach a preliminary list of readings, references and precedents.**
Is there an existing body of work, which is relevant to your research?

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Folio requirement

If you intend on developing your research through project work you should provide a hard copy portfolio or you may supply an electronic/digital copy of your folio. If you are applying for UAL you must supply a hard copy folio.

The folio should be:

- » A4 size, bound
- » show a minimum of 4 recent projects, including your undergraduate thesis
- » include a descriptive range of 2D and 3D drawings, images, etc.
- » include a short text explanation for each project
- » relevant research/study material can be included to support design projects
- » file size for electronic submission should not exceed 10 MB.

www.rmit.edu.au/architectureanddesign/researchapplication

Fine art

MR058 *Master of Arts – Fine Art*

CRICOS code: 007463A

Duration: 2 years

City campus

Candidates may pursue research by project or thesis in any of the fine art studios of painting, printmaking, ceramics, sculpture, gold and silversmithing, drawing, fine art photography, sound, and media arts. In addition, research candidates are required to undertake Art Research Methods. The research program culminates in an assessment by external examiners, usually in the context of a formal one person exhibition.

Program structure

www.rmit.edu.au/programs/mr058

Academic entrance requirements

A first degree from RMIT with at least a credit average in the final undergraduate year; or a qualification deemed equivalent by RMIT to a first degree at RMIT with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed knowledge of the field of study sufficient to undertake the proposed program.

Pathways

Candidates who are enrolled in an RMIT *Master of Arts (research)* program and have demonstrated exceptional ability in the conduct of the first stage of a program, which has the potential to be extended to doctoral level may transfer to PhD.

Folio requirements

A portfolio which should comprise between 10 and 20 pieces of work is required. The folio should be in the form of a CD-ROM, preferably in PDF, JPEG, SWF, DCR or QuickTime format. The overall file size should not exceed 10MB.

Fine art

DR066 *Doctor of Fine Art*

CRICOS code: 065818J

Duration: 4 years

City campus

The program is designed for visual artists with advanced professional experience and appropriate academic qualifications who want to extend their capacity and performance in a chosen fine art studio. Demand for this type of program comes from practitioners who have a significant exhibition and research record and who have previously completed an appropriate *Master of Fine Art (coursework)* or honours degree (or equivalent).

The mode of study will include workshops; lectures, presentations and seminars; required general reading and research of relevant literature in the field; and supervised professional practice. The program is designed to:

- » provide opportunity for investigation and analytical research in creative practice
- » promote understanding of advanced research methodologies appropriate to creative practice and to develop the ability to work independently
- » enhance professional competence through exhibitions of research findings
- » assist in the development of an informed approach to critical appraisal of creative practice within a contemporary cultural context
- » develop a high level of competency for independent and critical thought that can be implemented in a visual and written context
- » assist in the presentation of a project at a level that demonstrates a substantial practical and/or theoretical development.

The program will extend the aesthetic, critical and professional knowledge of candidates. It will provide a sound understanding of pure and applied research methodologies which underpin professional studio practice. The program will provide an opportunity to use experience and knowledge to improve the performance of visual artists and of the organisations and institutions in which they work.

Academic entrance requirements

An appropriate *Master of Fine Art (coursework)* or honours degree in a fine art studio; or completion of an appropriate award deemed to be equivalent in standard to the RMIT *Master of Fine Art (coursework)*, or RMIT *Bachelor of Arts Honours*, in a fine art studio; or at least five years' of advanced professional experience relevant to the field of the proposed program.

Folio requirements

A portfolio which should comprise between 10 and 20 pieces of work is required. The folio should be in the form of a CD-ROM, preferably in PDF, JPEG, SWF, DCR or QuickTime format. The overall file size should not exceed 10MB.

Fine art

DR068 *Doctor of Philosophy (Fine Art)*

CRICOS code: 065813C

Duration: 4 years

City campus

Fine Art candidates are able to pursue research in a chosen field through a project and an exegesis of 20–40 000 words.

The research program culminates in an assessment by external examiners, usually in the context of a formal one person exhibition, installation or other appropriate public presentation.

Program structure

www.rmit.edu.au/programs/dr068

Academic entrance requirements

A degree of *Master of Arts (research)* or a *Bachelor of Arts* degree with not less than upper second class honours from RMIT; or be a graduate of another university or institution recognised by RMIT; or have such other qualifications or experience as RMIT may consider appropriate. Applicants normally have established a particular area of investigation in their work and must demonstrate that they are able to pursue independent research in their chosen area.

Folio requirements

A portfolio of 10–20 pieces of work is required. The folio should be in the form of a CD-ROM preferably in PDF, JPEG, SWF, DCR or QuickTime format. The overall file size should not exceed 10MB.



Graduate profile

Simone LeAmon

Master of Design – Industrial Design

'Simone LeAmon, lecturer and graduate of RMIT's industrial design program, has won the 2009 Cicely & Colin Rigg Contemporary Design Award for her chair, titled Lepidoptera. The chair, constructed with textile scraps from the automotive industry, was selected for its combination of style and sustainability. Of the 14 finalists, five were alumni of RMIT's industrial design program.'

Industrial design

MR056 *Master of Design – Industrial Design*

CRICOS code: 036852C

Duration: 2 years

City campus

Streams available in industrial design, spatial information architecture laboratory and furniture design.

Industrial design

The *Master of Design* program offers a framework through which to develop knowledge of the contemporary development, practice, history and theory of design. The program encourages a broad view of design as relevant to (post) industrial culture through relationships between technology, culture, society and ecology. The program fosters design activity as a creative, critical and integrative resource. Areas of current investigation include strategic sustainable design; product-service systems design; design and environment (ecodesign); furniture design; limited production object design and craft; design and digital technologies; design and cross-cultural contexts; medical product design; and high performance niche product design. The *Master of Design* may be undertaken through project-based research, culminating in examination by exhibition presentation, or by research thesis.

The transdisciplinary approach embraces the cultural, ethical, political, social, historical, and technological. Formal dimensions of design also inform the program. This produces a dynamic environment for not only the development of individual projects but for exchange and dialogue through which the discipline and practice is critically challenged with the view to inventing new ways of working and thinking.

Students are required to meet regularly with their supervisors as well as participate in fortnightly seminars, exhibitions and presentations at the Graduate Research Conference which occur twice a year where candidates present their work to invited national and international critics.

Spatial Information Architecture Laboratory

Spatial Information Architecture Laboratory (SIAL) encourages master research that investigates the culture and practice of contemporary creative production. The master program may be undertaken in a project or thesis mode. As such, modes of investigation may focus on experimental pursuits within the laboratory or take the form of an historical, theoretical investigation. SIAL offers a master program where one third involves research-based coursework. The collaborative research is workshopped on a regular basis.

Centre for Design

Centre for Design (CfD) encourages master and doctoral research that investigates the environmental performance of products, services and buildings, and the pursuit of sustainability outcomes through enhanced practice, policy and capacity. Research may be undertaken in a project or thesis mode. CfD undertakes a wide range of applied research with a strong environmental sustainability focus for government, non-government and commercial organisations. It offers collaborative research opportunities in a team environment which link to these research projects across four areas: sustainable built environments, sustainable materials, products and packaging, and life cycle assessment.

Furniture design

Master students may explore particular research interests that address furniture design in terms of the study of history and social context, the exploration of form and function, the testing of new materials and processes or the assessment of markets and industries. The furniture laboratories activities are structured around a series of workshops, forums, public lectures and exhibitions which involve the furniture and design industries and the public at large. Students within the program are expected to actively engage in the discourse generated by the gathering of professionals and academics and are given the opportunity to develop design research projects that are inspired by this environment of enquiry. For further information, please visit

<http://furniturelab.tce.rmit.edu.au>.

Program structure

www.rmit.edu.au/programs/mr056

Teaching methods

Students undertake the approved research program under the supervision of an appointed research supervisor.

Assessment

Completion of the degree involves submitting a thesis or project for critical review by a panel of experts in the field of study. Students must complete a minimum period of independent graduate research in which relevant original contributions are made.

Academic entrance requirements

An appropriate first degree (e.g. design or fine arts) from RMIT; or equivalent; or applicants who have evidence of experience which satisfies RMIT that they have developed knowledge of the field of study sufficient to undertake the program.

A candidate will be accepted when the proposed research or area of inquiry can be facilitated by the School.

RMIT's School of Architecture and Design requires applicants to provide a research proposal with their application. The research proposal, normally between 1-5 pages, should address the following points:

- » **Proposed title of study**
Indicate the central theme you are exploring in one succinct phase.
- » **What is it that you want to research and with what end in mind?**
What are the research questions you are asking? What is the material and area you want to study?
- » **Outline how you will conduct your research?**
What research approach/method/structure will you use?
- » **Attach a preliminary list of readings, references and precedents.**
Is there an existing body of work, which is relevant to your research?

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Folio requirement

If you intend on developing your research through project work you should provide a hard copy portfolio or you may supply an electronic/digital copy of your folio. If you are applying for UAL you must supply a hard copy folio.

The folio should be:

- » A4 size, bound
- » show a minimum of 4 recent projects, including your undergraduate thesis
- » include a descriptive range of 2D and 3D drawings, images, etc.
- » include a short text explanation for each project
- » relevant research/study material can be included to support design projects
- » file size for electronic submission should not exceed 10 MB.

www.rmit.edu.au/architecture/design/researchapplication

Interior design

MR052 *Master of Arts – Interior Design*

CRICOS code: 012964D

Duration: 2 years

City campus

The master program offers a space within which candidates develop and contribute to the knowledge and possibilities of interior design. The core of the program—space and interior design—engages with many different and diverse practices. Supervisors and lecturers involved with the program come from a range of practices, backgrounds and research interests attracting candidates from an equally eclectic mix.

The program attracts local and international students to create a vibrant collegial atmosphere for collaboration and exchange of ideas and practices across disciplines and cultures. Previous and current candidates have come from a range of disciplines including sculpture, film, theatre, journalism, visual arts as well as interior design and architecture. Research to date has concentrated on the space of performance; film and video; digital technologies; sound and acoustics; museum and exhibition design; furniture design; interior design journalism; drawing practices; the city as an interior; visual arts and installation; and the history and theory of interior design. Cultural, ethical, political, social, historical, technological and formal dimensions of practice also shape the program.

Program structure

www.rmit.edu.au/programs/mr052

Academic entrance requirements

An appropriate first degree (e.g. design or fine arts) from RMIT or equivalent; or applicants who have evidence of experience which satisfies RMIT that they have developed a knowledge of the field of study sufficient to undertake the program.

A candidate will be accepted when the proposed research or area of inquiry can be facilitated by the School.

RMIT's School of Architecture and Design requires applicants to provide a research proposal with their application. The research proposal, normally between 1-5 pages, should address the following points:

- » **Proposed title of study**
Indicate the central theme you are exploring in one succinct phase.
- » **What is it that you want to research and with what end in mind?**
What are the research questions you are asking? What is the material and area you want to study?
- » **Outline how you will conduct your research?**
What research approach/method/structure will you use?
- » **Attach a preliminary list of readings, references and precedents.**
Is there an existing body of work, which is relevant to your research?

Folio requirement

If you intend on developing your research through project work you should provide a hard copy portfolio or you may supply an electronic/digital copy of your folio. If you are applying for UAL you must supply a hard copy folio.

The folio should be:

- » A4 size, bound
- » show a minimum of 4 recent projects, including your undergraduate thesis
- » include a descriptive range of 2D and 3D drawings, images, etc.
- » include a short text explanation for each project
- » relevant research/study material can be included to support design projects
- » file size for electronic submission should not exceed 10 MB.

www.rmit.edu.au/architecture/design/researchapplication

Landscape architecture

MR055 *Master of Landscape Architecture*

CRICOS code: 007480M

Duration: 2 years

City campus

The *Master of Landscape Architecture* by project is a post-professional design research program that culminates in an examination by exhibition. The program begins with a research studio, a history/theory subject and a research methods subject to provide a frame of reference and departure point for all projects. Individual projects are then developed in a studio environment, and students are expected to present their work regularly as part of the program. Students also present their projects as part of the Graduate Research Conference held by RMIT's School of Architecture and Design.

The main areas of study within the program include: design as speculation and proposition; exemplars and critical tools; design methods and manners; key historical texts; theoretical re-readings and selected themes such as the picturesque, the sublime, the beautiful, topology, aberrance, topography and the everyday; conventions of landscape architectural design practice; the city/landscape as a design medium; contemporary design literacy; the relationship between urban design/planning and landscape architecture; and the role of local and field research for designers.

Program structure

www.rmit.edu.au/programs/mr055

Academic entrance requirements

An appropriate first degree (e.g. design or fine arts) from RMIT or equivalent; or applicants who have evidence of experience which satisfies RMIT that they have developed a knowledge of the field of study sufficient to undertake the program.

A candidate will be accepted when the proposed research or area of inquiry can be facilitated by the School.

RMIT's School of Architecture and Design requires applicants to provide a research proposal with their application. The research proposal, normally between 1-5 pages, should address the following points:

- » **Proposed title of study**
Indicate the central theme you are exploring in one succinct phase.
- » **What is it that you want to research and with what end in mind?**
What are the research questions you are asking? What is the material and area you want to study?
- » **Outline how you will conduct your research?**
What research approach/method/structure will you use?
- » **Attach a preliminary list of readings, references and precedents.**
Is there an existing body of work, which is relevant to your research?

Folio requirement

If you intend on developing your research through project work you should provide a hard copy portfolio or you may supply an electronic/digital copy of your folio. If you are applying for UAL you must supply a hard copy folio.

The folio should be:

- » A4 size, bound
- » show a minimum of 4 recent projects, including your undergraduate thesis
- » include a descriptive range of 2D and 3D drawings, images, etc.
- » include a short text explanation for each project
- » relevant research/study material can be included to support design projects
- » file size for electronic submission should not exceed 10 MB.

www.rmit.edu.au/architecture/design/researchapplication

Textile design

MR068 *Master of Arts – Textile Design*

CRICOS code: 007464M

Duration: 2 years

Brunswick campus

The *Master of Arts* by research offers candidates the opportunity to undertake research by thesis or project in the discipline areas of surface pattern, constructed or non-woven textile design.

Program structure

www.rmit.edu.au/programs/mr068

Academic entrance requirements

A recognised undergraduate degree with honours in a relevant field and/or relevant work experience.

Folio requirements

A portfolio which should comprise between 15 and 30 pieces of work is required. The folio should be in the form of a CD-ROM, preferably in PDF, JPEG, SWF, DCR or QuickTime format. The overall file size should not exceed 10MB.

Textiles

MR069 *Master of Technology – Textiles*

CRICOS code: 026029F

Duration: 2 years

Brunswick campus

The program is designed for those students who wish to pursue studies in textile technology including digital printing of textiles, textile manufacturing technology, technical textiles, CAD/CAM applications in textiles, fabric engineering and yarn development amongst others. Research degrees in textile technology provide training in research techniques and methodologies by means of direct contribution to the advancement of knowledge in a particular subject area.

The textile technology group has research expertise in the following areas: textile manufacturing technology, technical textiles (mainly its application in automotive and medical textiles), CAD/CAM applications in textiles, fabric engineering and yarn development, amongst others. Also within textile design and technology the areas such as nano textiles, composite textiles and smart fibres have been identified of particular interest. We welcome a variety of research proposals.

Program structure

www.rmit.edu.au/programs/mr069

Academic entrance requirements

A recognised undergraduate degree with honours and/or relevant work experience.

Textiles

DR074 *Doctor of Philosophy (Textiles)*

CRICOS code: 065722F

Duration: 4 years

Brunswick campus

The PhD program is available to those wishing to carry out research in the disciplines covered by RMIT's School of Fashion and Textiles. The School has research expertise in the following areas: textile design: history and philosophy of textile design, surface pattern design, constructed and non-woven textiles, textile forecast research, digital printing of textiles; textile technology: textile manufacturing technology; technical textiles: mainly its application in automotive and medical textiles, CAD/CAM applications in textiles, fabric engineering, and yarn development, amongst others.

Program structure

www.rmit.edu.au/programs/dr074

Academic entrance requirements

A degree of master by research at RMIT; or qualified for a degree of master by coursework at RMIT which includes a research program with a duration of at least one semester full-time; or qualified for a bachelor degree from RMIT with first class honours, or upper second class honours; or qualified for another award deemed to be equivalent in character and standard to the above degrees; or such other qualifications or experience as the School considers appropriate.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Building and Planning

Environment and planning

GC078 Graduate Certificate in Environment and Planning

CRICOS code: 049468D

Duration: 0.5 year

GD125 Graduate Diploma in Environment and Planning

CRICOS code: 049467E

Duration: 1 year

MC072 Master of Social Science (Environment and Planning)

CRICOS code: 029759C

Duration: 1.5 years

City campus

The *Master of Social Science (Environment and Planning)* program brings together contemporary planning and environmental issues with related theoretical frameworks. A feature of this is the integration of these theoretical concepts with their application to contemporary issues and professional situations. It is firmly focused on policy and management related to the fields of environment and planning. The program may be taken on campus or via the internet with all core subjects offered online, as some electives. There is the possibility of completing the program entirely through off-campus study. Students also have the opportunity of selecting some electives from outside the environment and planning program. Specifically, the program is designed for professional development, academic interest and for entry into the rapidly expanding planning and environment fields. The areas of planning and environment are inherently interesting due to their multi-faceted nature and multi-disciplinary approach. They are concerned with solving many contemporary problems confronting urban, regional and rural environments.

There is also high demand for graduates of this program so students may be motivated by a desire to improve their environment, or move into a more exciting and challenging career, or a combination of both. The program has two streams, environment and planning. Students may choose one particular stream or a combination of courses from both streams.

Planning stream

The planning stream of the master course is accredited by the Planning Institute of Australia, enabling students to become qualified in this area of considerable job opportunities. This stream examines new statutory planning techniques, planning and environmental law, strategic planning, sustainable city planning, planning history and theory, public policy development, rural and regional planning, and a range of courses examining current planning issues.

Environment stream

This stream is recognised, at the master level, as a means of entry to the Environment Institute of Australia and New Zealand. This stream emphasises natural resource policy and management, the concept of sustainability, globalisation, environmental policy at international, national, state and local levels, environmental management in industry, environmental effects statements, energy management, parks policy and management, water policy, and business-related environmental courses.

Program structure

The *Master of Social Science (Environment and Planning)* consists of 144 credit points and incorporates exit points at graduate certificate and graduate diploma levels. Students can also enrol directly into these intermediate awards. The program offers two streams, environment and planning. Students may either choose to follow a stream by selecting all courses within that designation or, alternatively, select from a combination of streams.

The following example structure, builds upon entry into the graduate certificate program with articulation to graduate diploma and then the master level of study.

Graduate certificate	Credit points
» Two core courses	24
» Two electives or other core courses	24
Additional courses to be completed for the graduate diploma	
» One core course	12
» Three electives or other core courses	36
Additional courses to be completed for the master	
» Four electives or other core courses	48
or	
Minor thesis option	
» One elective or other core course	12
» Research Strategies	12
» Minor Thesis	24

For Planning Institute of Australia accreditation students must take four designated planning core subjects and four designated planning electives or other designated planning core subjects.

Course list

Some courses are offered across both environment and planning streams. Courses may also be negotiated from elsewhere at RMIT University.

Core courses stream

All core environment and planning courses are offered either online or face-to-face.

Planning stream

» City Building and Urban Design	12
» Managing Contemporary Planning Issues	12
» Origins and Development of Urban Planning	12
» Planning Theory and Contemporary Practice	12
» Statutory Planning and Environment	12

Environment stream

» Environmental Management EIA and EMS	12
» Environmental Policy	12
» Natural Resource Management	12
» Strategies for Sustainability	12

Elective courses streams

All electives are offered face-to-face or online. Not all courses are available each semester, many electives are offered in alternate years to provide students with greater choice.

Planning stream

» Activity Centre Planning	12
» Conflict Resolution and Mediation	12
» Green Cities	12
» Heritage and Environmental Design	12
» Housing Policy	12
» Infrastructure and Property	12
» Innovative Local Government	12
» Minor Research Project	12
» Minor Thesis*	24
» Parks and Public Land Management	12
» Planning Systems and Public Policy	12
» Research Strategies [^]	12
» Rural and Regional Planning	12
» Social Planning	12
» Water Policy and Management	12

Environment stream

» Conflict Resolution and Mediation	12
» Ecosystems and Human Impact	12
» Emission and Waste Management	12
» Environmental Legal Contexts	12
» Environmental Theory	12
» Green Cities	12
» Innovative Local Government	12
» Minor Research Project	12
» Minor Thesis*	24
» Parks and Public Land Management	12
» Research Strategies*	12
» Rural and Regional Planning	12
» Water Policy and Management	12

* Research Strategies is a prerequisite course for the minor thesis.

www.rmit.edu.au/programs/mc072

Teaching methods

Teaching consists of a mix of classes and workshops on the City campus, and conference style intensive sessions.

Academic entrance requirements

In summary, a recognised university qualification and/or appropriate experience and demonstrable capacity to pursue study at a postgraduate level. A 400 – 500 word personal statement will also need to be included.

Advanced standing

Candidates with a planning or an approved environment qualification may gain credit for some of the courses in the master program. Please see the program coordinator for eligibility.

Careers

Career opportunities may be found in local councils; strategic and statutory planning; environmental and social planning; state government planning and policy agencies; infrastructure providers; environmental and natural resource agencies; Commonwealth environmental and infrastructure agencies; international and local consulting firms; local government; conservation; environmental and community sectors; and business and industry. This is a large program, with many students enrolled to fulfil a desired career change and those who already work in the many areas of employment previously described. This provides a great network of opportunities to develop professionally through shared knowledge and to find suitable employment upon, or even before, graduating.

International urban and environmental management

MC074 *Master of Social Science (International Urban and Environmental Management)*

CRICOS code: 015625K

Duration: 1.5 years

City campus

The *Master of Social Science (International Urban and Environmental Management)* (IUEM) provides a unique postgraduate program on urban and environmental management issues in the developing world and transitional economies.

The program is designed for individuals who want an intensive professional education in urban and environmental management that will equip them to work on sustainable development. It caters for those who intend to work for governments in developing countries, non-government organisations, multilateral and bilateral international development agencies and consultants.

This program allows students to customise their degree to suit their interests and career aspirations. This degree focuses on the problems associated with urbanisation in developing countries, such as inadequate infrastructure, informal settlements and the ecological and economic requirements of cities. In 2005, for the first time in history, there were more people living in urban centres than in rural areas. This represents a significant challenge to urban planners and development workers as more and more people live in mega-cities, such as Karachi, Mexico City, Lagos, Mumbai and Bangkok.

Electives can be chosen from the International Urban and Environmental Management (IUEM), Environment and Planning (EandP), or International Development (ID) programs, which offer specialisations in project planning, housing, water policy, disaster response, health issues, the environment, rural and regional sustainability, development planning and practice, and more. There is also the option of completing a minor thesis or minor research project, allowing students to further develop their knowledge of a particular area.

Program structure

Year one	Credit points
Semester one	
» Two core courses	24
» Two electives or other core courses	24
Semester two	
» One core course	12
» Three electives or other core courses	36
Year two	
Coursework stream	
» Four electives or other core courses or	48

Minor thesis option

» One elective or other core course	12
» Research Strategies	12
» Minor Thesis	24

For Planning Institute of Australia accreditation students must take four designated planning core subjects and four designated planning electives or other designated planning core subjects.

Core courses

Not all courses are available each semester.

All core IUEM courses are offered either face-to-face or by distance mode/online.

» Natural Resources Management	12
» Planning for Community Development	12
» Project Planning and Implementation for Change	12
» Urban Regions: Strategic Development	12
» Urbanisation Issues in the Developing World	12

Elective courses

All electives are offered either face-to-face or by distance mode/online. All courses are worth 12 credit points except for the Minor Thesis, which is worth 24.

» Activity Centre Planning	12
» Aid Adjustment and Development	12
» Assessing Progress in Developing Countries	12
» City Building and Urban Design Practice*	12
» Conflict Resolution Mediation	12
» Contemporary Social and Political Theory*	12
» Environmental Management—EIA and EMS*	12
» Gender Issues in Development	12
» Global Crime	12
» Government and Democracy in Developing Countries	12
» International Non-Government Organisations: Civil Society and Development	12
» Managing Contemporary Planning Issues	12
» Microfinance and Development	12
» Minor Research Project	12
» Minor Thesis [^]	24
» Nuclear Deterence	12
» Peace Building and Reconciliation	12
» Planning Systems and Public Policy	12
» Planning Theory and Contemporary Practice	12
» Research Strategies [^]	12
» Rural and Regional Planning	12
» Statutory Planning and Environment	12
» The Ethics of Intervention	12
» Theories of Development	12

[^] Research Strategies is a prerequisite course for the Minor Thesis

www.rmit.edu.au/programs/mc074

Teaching methods

Teaching consists of a mix of master classes, short courses and workshops on the City campus, online support and interactive project teams using a variety of tools.

Assessment

Assessment is ongoing throughout the semester and may include essay/reports, oral class presentations, group projects, research projects, studio/design projects and practical assignments.

Academic entrance requirements

In summary, a recognised university qualification and/or appropriate experience and demonstrable capacity to pursue study at a postgraduate level.

Advanced standing

Candidates with previous postgraduate study and/or significant professional experience may gain credit for some courses. Please see the program coordinator for eligibility.

Professional recognition

The master program is accredited by the Planning Institute of Australia, provided that students complete the requirements. To achieve this accreditation, students must complete:

- » Four planning core courses drawn from the *Master of Social Science (Environment and Planning)* program and
- » Four planning electives drawn from the *Master of Social Science* elective courses.

Careers

The degree opens up promising career avenues for students wishing to work either in Australia or overseas in the areas of environmental and urban planning and

management. Past students have been in high demand by consultancy companies (such as Connell Wagner and Leighton Asia) and NGOs in Australia and elsewhere in the Asia-Pacific region (such as Oxfam and World Vision), as well as further afield.

Graduates of the program have also secured employment with Australian government agencies and international agencies such as the United Nations and the Asian Development Bank. Some graduates use the program to advance to PhD research. Many students are working in the urban policy and environmental management fields and wish to update their qualifications. Other students have established skills in other fields (health, environment, governance) and use the IUEM program to make the transition to a new area of employment. Some students have recently completed a bachelor degree and are studying to gain a qualification that will get them started on a career in this area.

Project management

GC042 Graduate Certificate in Project Management

CRICOS code: 031176G

Duration: 0.5 year

GD063 Graduate Diploma in Project Management

CRICOS code: 031177G

Duration: 1 year

MC065 Master of Project Management

CRICOS code: 013727J

Duration: 1.5 years

City campus

Project management is concerned with the coordination and management of projects or events from inception to completion. Its principles apply across disciplines to encompass any project or event — construction, entertainment, product development, computer system development or change management.

The School offers a generic *Master of Project Management* as well as specialisations in engineering, facilities management and information technology.

Upon completion of the graduate certificate program participants will have gained:

- » a knowledge of what project management is, the legal framework in which project managers operate, the kinds of organisational structures that evolve to meet the needs of a wide range of project stakeholders, and the communications framework within which project managers most effectively operate;
- » a knowledge of managing teams of people within established industrial relations frameworks and evolving multi-disciplinary team groups;
- » their general or particular area of interest through studying electives; and
- » a knowledge of planning for financial, resources and time control, which includes knowledge of the preparation and use of time, resource and cost budgets and the use of information management procedures that control these budgets.

The graduate diploma provides an opportunity for increasing depth of study so that participants develop greater insight and project management skills.

Upon completion of this program participants will have gained a deeper knowledge and insight in:

- » identification and management of risk;
- » the practice of project management;
- » the nature of knowledge, belief and substantiation of propositions through the application of appropriate research methods; and
- » a knowledge of the design phase of projects from inception to operation from the view point of managing the project phase to ensure that both life-cycle considerations and quality management requirements are achieved.

The master program brings together participants from a wide range of backgrounds, all of whom are interested in developing their knowledge and skills in project management. The program is delivered by academic staff, external consultants and practitioners specialising in areas of project management, all committed to facilitating learning to produce high-quality graduates.

The master program aims to:

- » develop and enhance project management capabilities, and impart a thorough understanding of managing the total project process;
- » maximise the experiential learning process by sharing the experiences of fellow program participants; and
- » build a useful repository of knowledge through major project investigations and from research that can be generally disseminated.

Specialisations

Specialisations are available in: engineering, facilities management and information technology.

The program allows students who are working as project managers in a particular discipline to specialise in engineering, information technology or facilities management.

Program structure

Graduate certificate Credit points

- » Introduction to Project Management 12
 - » Managing Project Teams 12
 - » Project Management Techniques 12
- Complete 12 credit points from
- » Evaluating and Managing Project Risk 12
 - » Research Methods and Philosophy 12
 - » Any postgraduate elective course 12

Additional courses to be completed for the **graduate diploma**

Complete 48 credit points from

- » Evaluating and Managing Project Risk 12
- » Project Design for Quality 12
- » Project Management Practice 12
- » Research Methods and Philosophy 12
- » Any postgraduate elective course 12

Additional courses to be completed for the **master**

Select one option

Option one

Complete 48 credit points from

- » Individual Project Part 1 12
- » Individual Project Part 2 24
- » Knowledge Management 12
- » Project Management Leadership 12
- » Project Procurement and Ethics 12
- » Any postgraduate elective course 12

Option two

- » Project Individual Investigation 36
- » Any postgraduate elective course 12

www.rmit.edu.au/programs/mc065

Academic entrance requirements

Applicants must have:

- » an advanced diploma plus a minimum of 10 years' relevant work experience and senior level employment; or
- » a bachelor degree in any discipline plus three years' relevant work experience. Under this entry scheme, a minimum of a credit pass is required for each course of the graduate certificate to progress to the graduate diploma stage; or
- » a bachelor degree plus five years' relevant work experience.

Advanced standing

The School will review any prior qualifications, however, exemptions must be negotiated with the program director and only if courses are equivalent to a master level.

Careers

Past participants have come from various disciplines including architecture, construction management, engineering, IT, government, finance, defence and event management. This multidisciplinary aspect broadens participants' knowledge and understanding and further develops their ability to work in collaborative project teams.

Property

MC104 Master of Business (Property)

CRICOS code: 020938F

Duration: 1.5 years

City campus

This program aims to provide academic and practical training for decision makers and managers in the diverse property industry.

The increasingly complex nature of the property industry has required practitioners to specialise. To meet this need for increasing specialisation the program provides opportunities to broaden or develop knowledge and skills in the property area.

The property industry is becoming more sophisticated in its approach to investment decision making and needs staff with appropriate skills. The content and direction of this program makes it unique in Australia. The aim is to provide advanced theoretical and professional training in real estate investment decision-making, through the presentation of: specialist technical skills for the real estate development and investment industries; the provision of a facility for interaction between students from diverse property backgrounds who are employed in real estate development and investment in the public or private sector; and a flexible learning format which allows the program to evolve in response to changing industry requirements.

Program structure

Semester one	Credit points
» Development Decisions	12
» Investment Evaluation Techniques or Real Estate	12
» Valuation Techniques and Property Analysis	12
» Building Systems Compulsory for students without a building/construction background	12
or	
» One elective course Only available to students who have a building/construction background	12

Additional courses to be completed for the **graduate diploma**

» Industry Studies	12
» Real Estate Law	12
» Research Methods and Philosophy	12
» One elective course	12

Additional courses to be completed for the **master**

» Property Feasibility	12
» Three elective courses	36
or	
» Major Research Project	24
» One elective course	12

Elective courses

» Facilities Management 1	12
» Introduction to Project Management	12
» Managing Project Teams	12
» Minor Research Project	12
» Major Research Project	24
» Property Management	12
» Real Estate Economics Studies	12

Valuation sequence

Students may choose to undertake this elective sequence in valuation in order to obtain membership of the Australian Property Institute with Certified Practising Valuer status:

» Valuation for Statutory Purposes	12
» Valuation of Rural Property	12
» Valuation of Specialist Property	12
» Valuation Practice	12

Other postgraduate courses may be approved as electives by the program director.

www.rmit.edu.au/programs/mc104

Academic entrance requirements

At base level, relevant industry experience, the support from an employer and one of the following: a degree in a relevant field, or membership of a recognised professional real estate body, or significant industry experience; and the ability to satisfy an interview panel that will benefit from the program. Applicants are expected to have some years of related work experience.

Professional recognition

Candidates for the master program who have completed either the *Graduate Diploma in Property*, *Graduate Diploma in Property Management* or *Graduate Diploma in Valuations* articulate directly into the master program.

Careers

Graduates from the property postgraduate programs are employed in a wide range of activities relating to property investment and property development.



Student profile

Tanushree Mathur, India

Master of Business (Property)

'The program is very well designed. The property scene is very different here to what it is in India, and I think it could benefit from some of the systems and practices I have learned at RMIT. The teachers are also very friendly. When I first arrived, because everything was so new I had many questions, in and out of class. The teachers were very understanding and more than happy to answer my emails.

'I'm a qualified architect, having worked in Delhi for various small architectural offices over the past three years. To progress my career in India, I need to work for one of the real estate firms, that's where the money is. Completing this program will help me get there.'

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Property, construction and project management

MR050 *Master of Applied Science – Property, Construction and Project Management*

CRICOS code: 022559A

Duration: 2 years

DR072 *Doctor of Philosophy (Property, Construction and Project Management)*

CRICOS code: 065751A

Duration: 4 years

City campus

RMIT's School of Property Construction and Project Management engages in stimulating, real-world, applicable research that seeks to impact on the property, construction and project management industries and professions. The School has an extensive base of research expertise and welcomes applications from motivated graduates to join the research activities of the School. Applications are welcome from graduates, preferably with a master degree, with research interests in the broad areas of property, construction or project management that align with the expertise of the School's academic staff. The School would be pleased to informally discuss ideas and options with prospective applicants.

Program structure

www.rmit.edu.au/programs/mr050

www.rmit.edu.au/programs/dr072

Academic entrance requirements

A relevant first degree or equivalent experience. Applicants to the PhD program will normally be required to undertake some prescribed courses unless they hold a master degree in a related field. Informal enquiries can be made to the postgraduate research coordinator.

Education, Community Services and Social Sciences

Applied human rights

GC139 Graduate Certificate in Applied Human Rights

CRICOS code: 063579B

Duration: 0.5 year

GD170 Graduate Diploma in Applied Human Rights

CRICOS code: 063578C

Duration: 1 year

City campus

The new graduate diploma and graduate certificate explore what it means to build a culture and practice of human rights and how to apply a human rights framework in professional life. They will assist students to develop and test tools and approaches and understand the steps necessary to bring about changes in practice, behaviour and structures. Students will integrate learning directly into the work they are doing. The development of these postgraduate programs has been informed by the strong partnerships the Australian Centre for Human Rights Education has developed with key government and non-government agencies. The programs are designed for both professional development, academic interest and for entry into the rapidly expanding human rights field. The area of human rights is inherently interesting due to its multi-faceted nature and multi-disciplinary approach to solving many contemporary problems. It is anticipated that there will be high demand for graduates of this program so students may be motivated by a desire to improve human rights in their existing professional environments, or to move into a more exciting and challenging career, or a combination of both.

Program structure

The *Graduate Diploma in Applied Human Rights* consists of 96 credit points, which comprises six core courses and a choice of two elective courses. It incorporates an exit point at the graduate certificate level. The *Graduate Certificate in Applied Human Rights* consists of three core courses and one elective course.

Graduate certificate Credit points

- » Three core courses 36
- » One elective course 12

Additional courses to be completed for the **graduate diploma**

- » Three core courses 36
- » One elective course 12

Core courses

- » Advocacy and Action: The Victorian Charter of Human Rights 12
- » Education for Human Rights 12
- » Ethics, Practice and Applied Human Rights 12
- » Human Rights as Applied Communication 12
- » Introduction to Applied Human Rights 12
- » Transforming Organisations and Applied Human Rights I 12

Elective courses

- » Applied Human Rights and Indigenous Peoples 12
- » Applied Human Rights and Young People 12
- » Architecture, Design and Applied Human Rights 12
- » Human Rights Campaign Studio 12
- » Sex, Gender and Human Rights Practice 12
- » Transforming Organisations and Applied Human Rights II 12

www.rmit.edu.au/programs/gd170

Not all courses are available each semester, many electives are offered in alternate years to provide students with greater choice.

Academic entrance requirements

A recognised university qualification and/or appropriate experience and demonstrable capacity to pursue study at a postgraduate level.

Careers

Career opportunities may be found in local councils, social planning, Commonwealth and state government departments, policy agencies, advocacy organisations, international and local consulting firms, the community, education or health sectors, business and industry. As many of our students already work in these fields, the course provides a great network of opportunities to develop professionally through shared knowledge and to find suitable employment upon, or even before, graduating. Whether students work in government, advocacy, the not-for-profit or business sector, these flexibly delivered and practically grounded programs will equip them to effectively apply a human rights framework in professional life.

Criminal justice administration

GD137 Graduate Diploma in Criminal Justice Administration

CRICOS code : 068688A

Duration: 1 year

MC137 Master of Social Science (Criminal Justice Administration)

CRICOS code: 068689M

Duration: 1.5 years

City campus

This program has a strong vocational focus and provides students with an opportunity to develop their professional knowledge, skills and values and extend their career opportunities in the criminal justice sector as well as a variety of other fields such as governance and human security. The program will benefit students who are already working in the criminal justice industry and wish to extend their knowledge and understanding of the field in which they are currently employed. The program is also designed to accommodate students who desire entry into a career in the criminal justice sector and wider industry.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Students will develop and strengthen skills in research, leadership, management, and organisational change, policy development and engage in critical analysis of contemporary issues in criminal justice. The program includes a range of electives that will allow students to develop an area of specialisation such as Customs and Border Security, Security and Criminal Intelligence, Crime Prevention, Youth Justice Systems, Criminal Law, Terrorism and Society, and Forensic Studies.

Students will have opportunities to experience learning in the workplace at all levels of the program. In particular, the program has strong, ongoing links with the Federal and Victorian (as well as other states and territories) Justice sectors. In particular, it has been characterised by its very close associations with policing, corrections, courts administration, customs, legal administration, investigations, juvenile justice, Human Services, and the Department of Justice. This program will provide managers or entry level employees in the fields of justice, policing, customs, corrections and the courts with the opportunity to enhance their careers through a mix of criminology, law and management and will also benefit students who have backgrounds in diverse areas who wish to work at senior levels in the field of criminal justice administration.

Program structure

The *Master of Social Science (Criminal Justice Administration)* can be completed by coursework and/or minor thesis totalling 144 credit points. Students can exit at the graduate diploma level.

Graduate diploma	<i>Credit points</i>
» Policy Making Process	12
» Comparative Criminal Justice Systems	12
» Contemporary Management Program Coordinator Issues	12
» Transforming Organisations	12
» Leadership and Social Change	12
» Advanced Criminal Justice Theory	12
» Two elective courses	24
Master by coursework	
» Administration Study	12
» Law and Criminal Justice Policy	12
» Two elective courses	24
Master by minor thesis	
» Masters Thesis A	12
» Masters Thesis B	12
» Masters Thesis C	12
» One elective course	12

Students who intend to complete the master by minor thesis must select Research Strategies from the elective pool at graduate certificate entry.

Elective courses

Some elective courses are offered in online mode or dual mode delivery: both face-to-face and online.

- » Case Management Practice
- » Contemporary Sentencing
- » Contemporary Social and Political Theory
- » Crime Prevention
- » Criminal Law and Procedure A
- » Criminal Law and Procedure B
- » Customs and Border Security
- » Forensic Studies
- » Interviewing and Reporting Methods
- » Loss Trauma and Grief
- » Professional Internship
- » Research Strategies
- » Security and Criminal Intelligence
- » Terrorism and Society
- » Victimology
- » Women and International Justice
- » Working with Violence and Abuse
- » Youth Justice Systems

www.rmit.edu.au/programs/mc137

Prerequisites

Applicants must have a recognised undergraduate qualification and/or appropriate experience and demonstrated capacity to pursue study at a postgraduate level.

Careers

This program prepares students for careers that include the following fields:

- » child protection
- » corrections counselling
- » courts management
- » customs and border security
- » forensics
- » youth justice
- » law enforcement and policing
- » mediation
- » office of the Director of Public Prosecution
- » prisons administration
- » private security firms
- » security management
- » social research.

Early childhood teaching

GD034 Graduate Diploma in Early Childhood Teaching

CRICOS code: 066337G

Duration: 1 year

Bundoora campus

This program provides a combination of study areas addressing the specifics of knowledge acquisition, skills and attitudes necessary for success as an early childhood teacher. The program provides primary teachers with the skills to develop innovative learning environments for young children. Students will undertake 45 days of supervised teaching practice in a range of early childhood settings.

Program structure

Year one	<i>Credit points</i>
» Studying and Providing for Children Birth to Two	12
» Linking Theory to Practice: Two to Eight Years	12
» Children, Education Settings and Society	12
» Inclusive Education	12
» Issues and Contexts in Education	12
» Applied Education Project	12
» Investigating Science, Mathematics, Technology and the Environment	12
» Early Childhood Languages and Literacies	12
» Early Childhood Teaching Professional Practice 1	0
» Early Childhood Teaching Professional Practice 2	0

www.rmit.edu.au/programs/gd034

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » REW—English for Academic Purposes Advanced 1 and 2

Academic entrance requirements

A minimum of a three-year degree in any discipline.

Professional recognition

Upon completion of the program the student will be the recipient of the *Graduate Diploma in Early Childhood Teaching* and will be recognised as a four year trained teacher by the Early Childhood Australia Inc.

Education

MC039 Master of Education

CRICOS code: 060831G

Duration: 1.5 years

City campus

Be a leader in education. The *Master of Education* program provides students with an opportunity to develop and extend their professional knowledge, skills, attitudes and values in a variety of educational, training and community contexts and within a flexible framework. Students can further develop their knowledge and understanding of learning and teaching and apply this through a range of educational and workplace settings using coursework and research methodologies.

The program allows students to engage in local and global issues and to work across sectors in education, government, business and the community. Students can strengthen their skills in areas of research, learning and development, careers, leadership and management.

There are three options in the *Master of Education*:

- » Option 1: Coursework
- » Option 2: Minor thesis

Graduates are able to draw upon their qualification to enhance their careers within a broad range of organisations in early childhood, primary, secondary, vocational, workplace and tertiary teaching.

Program structure

Option one: coursework Credit points

Master

Complete 144 credit points from

» Approaches to Research in Education*	24
» Assessment, Reporting and Evaluation	24
» Careers in Practice	24
» Contemporary Issues in Education	24
» Counselling and Assessment	24
» Curriculum and Instructional Design	24
» Flexibility in Learning and Teaching	24
» Foundation Studies in Careers	24
» Human Resource Development for Educators	24
» Independent Study	24
» Investigative and Problem-Based Learning	24
» Leading and Managing Change	24
» Mentoring and Coaching Practices	12
» Negotiated Project	12
» Organisational Behaviour for Educators	24
» Principles and Contexts of Learning	24
» Reflective Teaching and Learning	24

» Research Design: Theory and Practice*	12
» Research Methods and Philosophy of Knowledge*	12
» Research Strategies (Design/Creative Arts)*	12
» Research Strategies (Social Science)*	12
» Strategic Management in Education	24
» Studies in Learning Technology	24
» Working with Diversity	24

* Students must choose at least 12 credit points from the research method courses

Option two: minor thesis

Master

» Minor Thesis A	24
» Minor Thesis B	24
» Minor Thesis C	24

Complete 24 credit points from

» Approaches to Research in Education*	24
» Research Design: Theory and Practice*	12
» Research Methods and Philosophy of Knowledge	12
» Research Strategies (Design/Creative Arts)	12
» Research Strategies (Social Science)	12

* One of these courses must be completed

Complete 48 credit points from

» Approaches to Research in Education	24
» Assessment, Reporting and Evaluation	24
» Careers in Practice	24
» Contemporary Issues in Education	24
» Counselling and Assessment	24
» Curriculum and Instructional Design	24
» Flexibility in Learning and Teaching	24
» Foundation Studies in Careers	24
» Human Resource Development for Educators	24
» Independent Study	24
» Investigative and Problem-Based Learning	24
» Leading and Managing Change	24
» Mentoring and Coaching Practices	12
» Negotiated Project	12
» Organisational Behaviour for Educators	24
» Principles and Contexts of Learning	24
» Reflective Teaching and Learning	24
» Research Design: Theory and Practice	12
» Research Methods and Philosophy of Knowledge	12
» Research Strategies (Design/Creative Arts)	12
» Research Strategies (Social Science)	12
» Strategic Management in Education	24
» Studies in Learning Technology	24
» Working with Diversity	24

www.rmit.edu.au/programs/mc039

Teaching methods

All courses are taught face-to-face in the form of lectures, tutorials, seminars and workshops during normal working hours.

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

Students are required to have a minimum three-year undergraduate degree or other equivalent experience. Additional experience in the field is advantageous. If students apply to enter the master program via the graduate certificate/graduate diploma pathways, they must comply with the entry requirements of each of those programs. If students are entering the master from any of the graduate diplomas and wish to undertake the Extended Independent Study course, they must complete 24 credit points of approved Research Methods courses before enrolling in the master. If students have partially or wholly completed a similar graduate certificate or graduate diploma from another tertiary institution, application will be individually considered for entry and exemptions.

Pathways

If students apply to enter the master program via the graduate certificate/graduate diploma pathways listed below, they must comply with the entry requirements of these programs:

GC020—*Graduate Certificate in Tertiary Teaching and Learning*

GD031—*Graduate Diploma in Education (Educational Leadership and Management)*

GD037—*Graduate Diploma in Industrial Education and Training*

Professional recognition

This program does not require professional accreditation.

RMIT's School of Education has an established reputation for providing educational and vocational leadership in creating knowledge for the future through work with client groups within schools, communities and enterprises. Students will be encouraged and supported to further these links and networks in their learning through their engagement with educational theory and reflective practice which integrates their professional and educational experiences.

Careers

Graduates work in early childhood, primary, secondary, vocational and workplace and tertiary teaching; as learning and development professionals in corporate, government and community organisations; as careers consultants; and in a range of leadership and senior management positions. Graduates are able to draw upon their qualification to enhance their careers within a broad range of organisations.

Education (early childhood)

GD108 Graduate Diploma in Education (Early Childhood)

CRICOS code: 012380F

Duration: 1 year

Bundoora campus

This program provides a combination of study areas addressing the specifics of knowledge acquisition, skills and attitudes necessary for success as an early childhood teacher. The program prepares students to develop innovative learning environments for young children. Students will undertake 60 days of supervised teaching practice in a range of early childhood settings from birth to five years.

Program structure

Year one	Credit points
» Studying and Providing for Children Birth to Two	12
» Linking Theory to Practice: Two to Eight Years	12
» Children, Education Settings and Society	12
» Inclusive Education	12
» Issues and Contexts in Education	12
» Applied Education Project	12
» Investigating Science, Mathematics, Technology and the Environment	12
» Early Childhood Languages and Literacies 1	0
» Early Childhood Professional Practice 1	0
» Early Childhood Professional Practice 2	0
» Early Childhood Professional Practice 3	0

www.rmit.edu.au/programs/gd108

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

A minimum of a three-year degree in any discipline.

Advanced standing

Application may be made for recognition of current competencies in single courses using the form provided by the School and with suitable supporting evidence supplied.

Professional recognition

Upon completion of the program the student will be the recipient of the *Graduate Diploma in Education (Early Childhood)* and will be recognised as a four-year trained teacher by Early Childhood Australia Inc.

Careers

Currently there are many child care centres and kindergartens wishing to employ qualified early childhood professionals.

Employment opportunities exist within a wide range of early childhood settings including, occasional child care, family day care, kindergartens, centre based care and other community based early childhood settings.

Education (primary)

GD109 Graduate Diploma in Education (Primary)

CRICOS code: 042831B

Duration: 1 year

Bundoora campus

This program provides opportunities for students to engage with the pedagogical issues related to primary school teaching while developing professional content knowledge in a wide variety of curriculum areas. To support their learning, they will undertake 60 days of professional practice placements providing them with extensive practical experience. By completing this program students will acquire the necessary professional knowledge, skills and critical understandings of the teaching profession. The majority of classes are held during normal business hours.

Program structure

Year one

Credit points

» Professional Issues in Teaching	12
» Teaching Principles and Practices	12
» Science and Technology Education	12
» Learning and Developing Literacies	12
» Exploring and Designing in Arts Practice	12
» Teaching Primary Mathematics and Numeracy	12
» Teaching Health and Physical Education for Understanding	12
» Humanities and Global Education	12
» Primary Professional Practice 1	0
» Primary Professional Practice 2	0
» Primary Professional Practice 3	0

www.rmit.edu.au/programs/gd109

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

A complete three-year degree or equivalent.

Advanced standing

Application may be made for recognition of current competencies in single courses using forms provided by the School and with suitable supporting evidence supplied.

Professional recognition

The program is recognised by the Victorian Institute of Teaching. The program content is designed to meet the current requirements of employing authorities in Australia.

Careers

All persons seeking employment are recognised as qualified generalist classroom teachers by the Victorian Institute of Teaching.

Education (secondary)

GD110 Graduate Diploma in Education (Secondary)

CRICOS code: 019079K

Duration: 1 year

Bundoora campus

The program provides for a combination of study areas addressing pedagogical and professional content knowledge, the use of appropriate methods and relevant educational technology, and work place experience. Students will undertake 45 days of professional practice placements in schools, plus embedded practicum in some study areas. The practicum component provides immediate and relevant experience in secondary schools.

Program structure

Core courses	Credit points
» Imagining Social Futures	12
» Learners, Learning and Teaching	12
» Teaching as Community	12
» Teaching Across the Curriculum	12

Electives

Select two pairs of courses

» Biology Method A & B	24
» Chemistry Method A & B	24
» Computer and Technology Method A & B	24
» English Method A & B	24
» Further Humanities Method A & B	24
» General Science Method A & B	24
» Health Method A & B	24
» Home Economics Method A & B	24
» Languages Other Than English Method A & B	24
» Maths Method A & B	24
» Media Method A & B	24
» Performing Arts (Drama) Method A & B	24
» Physical Education Method A & B	24
» Physics Method A & B	24
» Psychology Method A & B	24
» Humanities Method A & B	24
» Teaching English to Speakers of Other Languages Method A & B	24

www.rmit.edu.au/programs/gd110

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

A complete three-year degree. Students must have a sequence in two secondary teaching disciplines, that is, at least two years' completed tertiary education in two subject areas in which the future teacher is prepared to teach in secondary schools.

Advanced standing

Application may be made for recognition of current competencies in single courses using forms provided by the School and with suitable supporting evidence supplied.

Professional recognition

The program is recognised by the Victorian Institute of Teaching. The program content is designed to meet the current requirements of employing authorities in Australia.

Careers

All persons seeking employment are recognised as qualified secondary classroom teachers by the Victorian Institute of Teaching.

Educational leadership and management

GD031 Graduate Diploma in Educational Leadership and Management

CRICOS code: 030991G

Duration: 1 year

City campus

The *Graduate Diploma in Educational Leadership and Management* provides students with the opportunity to recognise, develop and extend their professional knowledge and skills within a flexible framework which will equip them for senior positions of responsibility in a variety of educational, training and community contexts.

Using research and project skills students can develop their understanding of complex issues surrounding leadership. Graduates will be employable as senior practitioners in a variety of educational, training and community settings which require high levels of knowledge and skills in areas such as change management, educational leadership, strategic management and human resource development.

Program structure

Semester one

Credit points

Complete 48 credit points from

» Contemporary Issues in Education	24
» Human Resource Development for Educators	24
» Leading and Managing Change	24
» Organisational Behaviour for Educators	24
» Strategic Management in Education	24
» Working with Diversity	24

Additional courses to be completed for the **graduate diploma**

Complete 24 credit points from

» Contemporary Issues in Education	24
» Human Resource Development for Educators	24
» Leading and Managing Change	24
» Organisational Behaviour for Educators	24
» Strategic Management in Education	24
» Working with Diversity	24

Complete 24 credit points from

» Approaches to Research in Education*	24
» Assessment, Reporting and Evaluation	24
» Careers in Practice	24
» Counselling and Assessment	24
» Curriculum and Instructional Design	24
» Flexibility in Learning and Teaching	24
» Foundation Studies in Careers	24
» Investigative and Problem-Based Learning	24
» Principles and Contexts of Learning	24
» Reflective Teaching and Learning	24
» Research Design: Theory and Practice*	12
» Research Methods and Philosophy of Knowledge*	12
» Research Strategies (Design/Creative Arts)*	12
» Research Strategies (Social Sciences)*	12
» Studies in Learning Technology	24

* Students can choose no more than 24 credit points from the research methods courses

www.rmit.edu.au/programs/gd031

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

A minimum three-year undergraduate degree or other recognised tertiary qualification and/or relevant work experience is preferred. Additional experience in the field is advantageous.

If students have completed a similar program at another tertiary institution, they will be individually considered for entry and exemptions.

Professional recognition

The program does not require professional accreditation.

RMIT's School of Education has an established reputation for providing educational and vocational leadership in creating knowledge for the future through work with client groups within schools, communities and enterprises. Students will be encouraged and supported to further these links and networks in their learning through their engagement with educational theory and reflective practice which integrates their professional and educational experiences.

Advanced standing

The *Graduate Diploma in Educational Leadership and Management* is an accepted pathway into the *Master of Education*. However, if students wish to enter the master and undertake the Extended Independent Study of Minor Thesis course sequences they must have completed at least 12 credit points of an approved Research Methods course before enrolling in the master.

Careers

Graduates will be employable as senior practitioners in a variety of education, training and community settings which require high levels of knowledge and skills in areas such as change management, educational leadership, strategic management and human resource development.

Industrial education and training

GD037 Graduate Diploma in Industrial Education and Training

CRICOS code: 019081E

Duration: 1 year

City campus

The *Graduate Diploma in Industrial Education and Training* provides students with the educational leadership and management skills required in a variety of education and training fields.

Graduates have found employment across the workplace, education and training sectors in a variety of roles as TAFE teachers, workplace trainers and assessors, training managers, developers of training packages, private consultants and community educators.

Program structure

Semester one	Credit points
» Principles and Contexts of Learning	24
<i>Complete 24 credit points from</i>	
» Assessment, Reporting and Evaluation	24
» Curriculum and Instructional Design	24
» Flexibility in Learning and Teaching	24
» Working with Diversity	24
Additional courses to be completed for the graduate diploma	
<i>Complete 48 credit points from</i>	
» Approaches to Research in Education*	24
» Assessment, Reporting and Evaluation	24
» Contemporary Issues in Education	24
» Curriculum and Instructional Design	24
» Flexibility in Learning and Teaching	24
» Mentoring and Coaching Practices	12
» Negotiated Project	12
» Research Design: Theory and Practice*	12
» Research Methods and Philosophy of Knowledge*	12
» Research Strategies (Design/Creative Arts)*	12
» Research Strategies (Social Sciences)*	12
» Working with Diversity	24

* Students can choose no more than 24 credit points from the research methods courses

www.rmit.edu.au/programs/gd037

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

A minimum three-year undergraduate degree or other recognised tertiary qualification and/or relevant work experience is preferred. Additional experience in the field is advantageous.

Advanced standing

This program is an accepted pathway into the *Master of Education* with a distinction average. Recognition of prior learning may be available. Please check with the program coordinator.

Professional recognition

This program does not require professional accreditation.

RMIT's School of Education has an established reputation for providing educational and vocational leadership in creating knowledge for the future through work with client groups within primary, secondary and tertiary education, communities and enterprises. Students will be encouraged and supported to further these links and networks in their learning through their engagement with educational theory and reflective practice which integrates their professional and educational experiences.

Careers

Graduates have found employment across the workplace, education and training sectors in a variety of roles as TAFE teachers, workplace trainers and assessors, training managers, developers of training packages, private consultants and community educators.

International development

GC079 Graduate Certificate in International Development

CRICOS code: 049401A

Duration: 0.5 year

GD066 Graduate Diploma in International Development

CRICOS code: 049400B

Duration: 1 year

MC073 Master of Social Science (International Development)

CRICOS code: 035362G

Duration: 1.5 years

City campus

The *Master of Social Science (International Development)* program is designed to provide development professionals, and those wishing to embark on a career in international development, with the skills and knowledge they need to work in a complex and changing environment.

The program aims to:

- » improve knowledge and understanding of development issues across the world, especially focusing on underprivileged communities in developing and developed countries;
- » improve understanding of issues and challenges that confront these communities and countries, and processes that regulate such phenomenon in an era of globalisation;
- » improve specific professional skills, required to have a broader understanding of the development sector and during planning, designing, implementing, monitoring and evaluation of development projects; and,
- » help students develop advocacy skills; gain familiarity with tendering process and develop practical skills in designing and delivering training workshops.

More than one billion people live in absolute poverty. They do not have sufficient food to eat each day, have no access to clean water or sanitation, die from preventable illness, and have limited rights as human beings. This program addresses the issues of international development and provides students with an opportunity to acquire skills and knowledge to assist them in making the world a better and equitable place for the future. Students not only study the theories explaining various models of development but also policies and practices emanating from various development models as well as critiquing competing power dynamics in development discourses. They understand gender dynamics and health issues and how these issues keep communities and countries in a disadvantaged position. They debate macro and micro finance and its relevance for development economics.

Students contest the politics of development and how global systems disadvantage certain countries while at the same time giving an edge to others. The scope of the program is not limited to community development as the focus remains on understanding and making sense of the bigger picture of the world before designing and implementing development models at local level.

Program structure

The *Master of Social Science (International Development)* consists of 144 credit points and incorporates exit points at graduate certificate and graduate diploma levels. Students can also enrol directly into these intermediate awards. Students graduating with the master degree must have completed Theories of Development, Practising Development, Gender Issues in Development and International NGOs, Civil Society and Development.

Graduate certificate Credit points

- » Theories of Development 12
- » Three elective courses 36

Additional courses to be completed for the

graduate diploma

- » Gender Issues in Development 12
- » Three elective courses 36

Additional courses to be completed for the

master

Coursework stream

- » International NGOs, Civil Society and Development 12
- » Practising Development 12
- » Two elective courses 24

or

Minor Thesis stream

- » Minor Thesis 24
- » Research Strategies 12
- » One elective course 12

Core courses

Not all courses are available each semester.

All core international development courses are offered in either face-to-face or online mode.

All core courses must be completed for the master stream.

- » Gender Issues in Development 12
- » International NGOs, Civil Society and Development 12
- » Practising Development 12
- » Theories of Development 12

Elective courses

Most of the electives are offered in face-to-face and online mode.

- » Aid, Adjustment and Development 12
- » Assessing Progress in Developing Countries 12
- » Field Project 12
- » Gender Issues in Development 12
- » Gender Practice in Development* 12
- » Global Crime 12
- » Government and Democracy in Developing Countries 12
- » Health Issues in Development 12
- » Human Trafficking* 12
- » Introduction to Development Economics 12
- » International Disaster Relief and Humanitarian Assistance* 12
- » International NGOs, Civil Society and Development 12
- » International Project Planning and Design 12
- » International Project Management and Monitoring 12
- » Microfinance and Development 12
- » Minor Thesis** 24
- » Nuclear Deterrence 12
- » Participatory Approaches in Development* 12
- » Peace Building and Reconciliation* 12
- » Practising Development 12
- » Research Strategies^ 12
- » The Ethics of Intervention* 12
- » Theories of Development 12

Students can also take electives within the school and a language course during the program.

* Available in face-to-face mode only

^ Research Strategies is a prerequisite course for the Minor Thesis.

www.rmit.edu.au/programs/mc073

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Academic entrance requirements

A recognised university qualification and/or relevant work experience and a demonstrable capacity to pursue study at a postgraduate level.

Advanced standing

Candidates with previous postgraduate study and/or significant professional experience may apply for credit transfer or Recognition of Prior Learning (RPL). For example, a successful applicant with a graduate diploma (in a relevant field), a four-year honours degree or similar can complete the master in less than three semesters full-time study.

Professional recognition

A key feature of this degree is its industry links. Industry input has helped design many of the courses. Formal links with key industry people have been established, enabling students to gain relevant and practical industry experience during their candidature at RMIT.

Careers

Employment in the development sector is very competitive; however, our graduates have an edge over others due to the professional skills gained through the program. Some of our recent graduates work in non-government organisations in Australia and overseas, as well as various government agencies and other multilateral organisations in various places around the world. Our students range from recent graduates seeking to enter the development sector as their initial career, to those currently working in the sector seeking to enhance their skills and qualifications, and those with established careers in other fields seeking to enter the development sector with a passion for improving the world. The international development program opens up career avenues in Australia and overseas within the development and public sector. Past graduates work in agencies such as World Vision Australia, Oxfam, TEAR, Save the Children Plan, Australian Red Cross and AUSAID in a variety of roles. Graduates have gained placements with the Australian Youth Ambassadors for Development program in developing countries in South Asia, South-East Asia, Asia-Pacific, Africa and South America. It is possible for students to use this program as the first step in advancing to PhD research.

Policy and human services

GD068 Graduate Diploma in Policy and Human Services

CRICOS code: 053189K

Duration: 1 year

MC075 Master of Social Science (Policy and Human Services)

CRICOS code: 029760K

Duration: 1.5 years

City campus

The policy and human services program is designed to build the capacity of public and community-based policy makers, advocates and managers. The program aims to enhance skills in policy research analysis and development and community services management and organisational change. The policy and human services program has been designed by leading policy academics and industry professionals. The program reflects the latest debates, issues and approaches to policy making and management in the public and community sectors.

The key features of this program are:

- » strong emphasis on linking theoretical analysis with practical experiences of policy making
- » social policy courses that reflect contemporary policy and management issues; and
- » new courses addressing human rights, ethics and values in the public and community sectors.

Courses link theoretical analysis with practical experience and case studies. Students have the opportunity to develop an intellectually critical perspective on structural and policy changes in the operation of the state and across a variety of social policy fields (e.g. drug use, housing etc). Students have a choice of elective courses across all social science postgraduate programs including environmental issues, social work, human rights, local and community planning, international development and criminal justice.

If students are interested in questions of social change this is the program for them. Policy development provides a key avenue for change at the level of public sector management and at the level of community activism. This program will provide students with frameworks for thinking about globalisation, equity, justice, human rights, fairness and questions of resource distribution. The program is designed to situate that thinking in the development of public policy skills and social and community services management.

Program structure

Graduate diploma *Credit points*

- » Contemporary Social and Political Theory 12
- » Contemporary Management Issues 12
- » Three core courses 36
- » Three elective courses 36

Master

- » Australian Social Policy 12
- » Contemporary Management Issues 12
- » Contemporary Social and Political Theory 12
- » Economics for Social Policy 12
- » Policy Making Processes 12
- » Transforming Organisations 12
- » Values and Public Policy 12
- » Five electives or other core courses 60

Core courses

All core policy and human services course are offered face-to-face.

- » Australian Social Policy 12
- » Contemporary Management Issues 12
- » Contemporary Social and Political Theory 12
- » Economics for Social Policy 12
- » Policy Making Processes 12
- » Transforming Organisations 12
- » Values and Public Policy 12

Elective courses

All electives are offered face-to-face.

- » Advanced Advocacy and Social Action 12
- » Budgets, Contracts and Tenders 12
- » Casework, Counsel and Advocacy 12
- » Community Development Strategy 12
- » Conflict Resolution Mediation 12
- » Critical Social Work (Social Work Theory and Practice 1) 12
- » Economics for Social Policy 12
- » Ethics, Practice and Applied Human Rights 12
- » Field Project 12
- » Human Rights Studio 12
- » Human Trafficking 12
- » Introduction to Applied Human Rights 12
- » Managing Community Service Organisations 12
- » Minor Thesis[^] 24
- » Policy Making Processes 12
- » Research Strategies – Social Science[^] 12
- » Social Work with Groups 12
- » Terrorism and Politics of Conflict 12
- » Transforming Organisations 12
- » Transforming Organisations and Applied Human Rights 1 12
- » Values and Public Policy 12
- » Writing Policy 12

[^] Research Strategies is a prerequisite of Minor Thesis.

www.rmit.edu.au/programs/mc075

Academic entrance requirements

A recognised undergraduate social science/ humanities qualification and/or appropriate experience and demonstrable capacity to pursue study at a postgraduate level.

Advanced standing

Credits for previous study and/or professional experience may be negotiated.

Careers

Graduates work as policy makers, policy advisors, managers and activists in federal, state and local government, trade unions, large community sector organisations such as the Salvation Army, The Brotherhood of St Laurence and the Victorian Council of Social Services, as well as specialist research and policy centres and organisations such as the Council to Homeless Persons, and the Youth Affairs Council of Victoria.

Social work

MC150 *Master of Social Work*

CRICOS code: 058234C

Duration: 2 years

City campus

The *Master of Social Work* (MSW) program is a program that allows graduates from other disciplines the opportunity to enter the social work profession without having to return to undergraduate study. This qualifying program is designed to develop capacity for effective professional practice in the human services, with the ability to meet demands of current and emerging policy and practice contexts.

The program equips graduates with the knowledge, skills and ethical foundations to enact practice for individual and collective wellbeing from a social justice perspective. This combines with an ability to critically reflect on and analyse social policy and organisational practices, with skills necessary for advocating for change. Most of the courses are run in a small group workshop format. This enables students to interact with others and to gain from the experience and knowledge of their peers. Throughout the program, students are encouraged to apply the theoretical learning to areas of their own interest. The fieldwork program is tailored to meet specific learning and vocational needs of students. The MSW is progressive in content, taking a critical perspective that encourages students to engage with the concepts of social justice, human rights and anti-oppressive practice.

Program structure

The program comprises ten 12-credit-point courses and two 36-credit-point field education courses. This equals 192 credit points. This is made up of eight 12-credit-point cores, two field education and two elective courses. The electives can be chosen from among other postgraduate courses offered by the School.

Master

Credit points

- » Eight core courses 96
- » Two elective courses 24
- » Social Work Field Education 1 36
- » Social Work Field Education 2 36

Core courses

Not all courses are available each semester.

All core Social Work courses are offered face-to-face.

- » Casework, Counselling and Advocacy 12
- » Community Development Strategies 12
- » Contemporary Social and Political Theory* 12
- » Critical Social Work 12
- » Policy Making Processes or Australian Social Policy 12
- » Research Strategies* 12
- » Social Work with Groups 12
- » Mental Health (Advanced) 12
- » Social Work Field Education 1 (Advanced) 36
- » Social Work Field Education 2 (Advanced) 36

* Available in distance mode

Elective courses

All elective courses are offered face-to-face.

- » Advanced Advocacy and Social Action 12
- » Advanced Law for Social Work Practice 12
- » Advanced Professional Practice for Social Work 12
- » Aid Adjustment and Development 12
- » Budgets, Contracts and Tenders 12
- » Conflict Resolution and Mediation 12
- » Gender Practice in Development 12
- » Human Trafficking 12
- » Loss, Trauma and Grief (Advanced) 12
- » Managing Community Service Organisations 12
- » Working with Violence and Abuse (Advanced) 12

www.rmit.edu.au/programs/mc150

Academic entrance requirements

Applicants must have a recognised tertiary undergraduate degree and a minimum of two years' work experience, preferably related to welfare, health or education. Selection will also be based on undergraduate grades.

Pathways

Credits for previous study at a postgraduate level may be negotiated. Please discuss with program coordinator.

Professional recognition

The program is accredited by the Australian Association of Social Workers (AASW).

Careers

The MSW creates a new entry into the social work profession and the courses prepare graduates for an advanced level of practice. It provides opportunities for people to advance in their careers and move between different forms of employment including policy work, management, direct service provision, community development and research. Graduates are likely to be employed in both the government and non-government sectors, working in a diverse range of practice and policy settings. Graduates will be able to work in a variety of fields of practice including child and family welfare, mental health, migrants and refugees, disability and health. The program will equip graduates for practice in a range of methods such as direct practice/counselling, policy and program development, research, advocacy and community development.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Tertiary teaching and learning

GC020 Graduate Certificate in Tertiary Teaching and Learning

CRICOS code: 063582G

Duration: 0.5 year

City campus

The *Graduate Certificate of Tertiary Teaching and Learning* (TTL) offered by RMIT's School of Education is designed to improve the learning and teaching practice of tertiary teachers and equip them to teach effectively in the higher education sector.

The program provides opportunities for students to explore issues in tertiary learning and teaching, course design, assessment and creative problem-solving in the context of current and emerging professional practice. Building on professional practice and providing opportunities for students to shape the program around their needs and experiences of teaching in a tertiary environment, is a key feature of the *Graduate Certificate of Tertiary Teaching and Learning* (TTL). The design of the assessment tasks allows a degree of flexibility so that they can be best integrated into their work needs and interests.

Program structure

Semester one	Credit points
» Implementing Tertiary Learning and Teaching	12
» Internationalising the Curriculum	12
» Technological Implications for Tertiary Learning and Teaching	12
» Tertiary Learning and Teaching	12

www.rmit.edu.au/programs/gc020

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

Students are required to have a minimum three-year undergraduate degree or other equivalent experience.

If students have partially or wholly completed a similar program at another tertiary institution they will be individually considered for entry and exemptions.

Pathways

The *Graduate Certificate of Tertiary Teaching and Learning* is an accepted pathway into the *Master of Education*.

Professional recognition

As a formally recognised program, the *Graduate Certificate in Tertiary Teaching and Learning* will provide graduates with a qualification in education. This is increasingly being seen by the tertiary sector as an important quality issue.

Careers

This program is targeted to higher education staff. Graduates of the tertiary teaching and learning program will have attained a formal education qualification, assisting them in their current or potential teaching work in the tertiary sector and for recruitment and promotion opportunities.

The *Graduate Certificate of Tertiary Teaching and Learning* (TTL) is compulsory for all newly appointed ongoing level A and B teaching academic staff at RMIT who do not hold an equivalent qualification. Other academic staff can still apply to enrol in the program. These applications will be evaluated against selection criteria and will be subject to available places and on a full-fee basis. This program may be relevant for sessional staff.

If students are seeking a qualification to assist with their career progression in the TAFE sector, then it would be best that they look into the *Graduate Diploma in Industrial Education and Training*.

Translating and interpreting studies

GC137 Graduate Certificate in Translating and Interpreting

CRICOS code: 061259A

Duration: 0.5 year

GD168 Graduate Diploma in Translating and Interpreting

CRICOS code: 061260G

Duration: 1 year

MC167 Master of Social Science (Translating and Interpreting Studies)

CRICOS code: 061186B

Duration: 1.5 years

City campus

Modern means of communication and travel have created a globalised world where there is a growing need for knowledge workers who are capable of facilitating the flow of information locally and internationally. Translators and interpreters are at the forefront of this revolution as people around the world seek to communicate across language boundaries. Increasingly, governments and businesses are appreciating the need to employ qualified professional translators and interpreters, and policy advisers and administrators in the translating and interpreting field.

The *Master of Social Science (Translating and Interpreting Studies)* program provides advanced studies in translating and interpreting theory, professional aspects, project management, language policy and language services, discourse studies, pedagogy, and translation and interpreting practice. There are two distinct streams offered.

Accrediting stream

This stream is designed to enable students, in languages where there is sufficient demand, to train for a National Accreditation Authority for Translators and Interpreters (NAATI) Translator accreditation in either English into a Language Other than English (LOTE) or a LOTE into English, and/or a NAATI Interpreter accreditation in a LOTE and English. Suitably qualified graduates of the NAATI-approved *Advanced Diploma of Translating and Interpreting* (NAATI Professional level) or equivalent qualification who wish to undertake studies at the master level may be eligible for credit for a full semester (graduate certificate) in this stream, reducing the length of the master program from three semesters to two.

Non-accrediting stream

This stream has been designed to meet the needs of candidates who wish to engage in advanced professional and theoretical studies and upgrade their qualifications to a higher academic level. Suitably qualified graduates of the RMIT NAATI-approved *Advanced Diploma of Translating and Interpreting* (NAATI Professional level) or equivalent qualification may also enrol in this stream and may be eligible for credit for a full semester (graduate certificate), reducing the length of the master program from three semesters to two.

Program features

- » Responsiveness to industry requirements through new courses in translation technology, project management, and language service policy.
- » Strong emphasis on linking translation technology, project management, ethics, professional studies and theoretical and discourse analysis to practical issues in translating and interpreting.
- » Pioneering studies in pedagogical issues relating to translating and interpreting education, for those who are interested in teaching in this discipline area.
- » The new courses will equip students in both streams to work at high levels of productivity as freelance professional translators or interpreters.

Program structure

NAATI accrediting stream

Students enrol in the master with exit points at graduate certificate and graduate diploma levels. NAATI accreditation as a translator or interpreter will be awarded only to students who graduate at the master level. To be eligible to be recommended to NAATI for the Translator or Interpreter accreditation, students must pass both Translation Accrediting Practice 1 and Translation Accrediting Practice 2, and/or Interpreting Accrediting Practice 1 and Interpreting Accrediting Practice 2, and must achieve a minimum of 70% in the final examination in Translation Accrediting Practice 2 and/or Interpreting Accrediting Practice 2 (the accreditation examinations).

Graduate certificate Credit points

- » Discourse Studies for Translators 12
- » Ethics and Professional Issues 12
- » Theoretical Bases of Translating and Interpreting 12
- » Translation Accrediting Practice 1 12

Additional courses to be completed for the graduate diploma

- » Advanced Theory of Translating and Interpreting 12
- » Translation Accrediting Practice 2 12

Plus two courses from

- » Translation Project Management 12
- » Advanced Discourse Studies 12
- » Interpreting Accrediting Practice 1 12
- » Language Policy and Language Services 12
- » Pedagogy of Translating and Interpreting 12
- » Translation and Technology 12
- » One option from master coursework level courses offered in the College of Design and Social Context 12

Additional courses to be completed for the master

- » Extended Translation Project 24
- » Research Methods in Translating and Interpreting 12

Plus one course from

- » Advanced Discourse Studies 12
- » Interpreting Accrediting Practice 2 12
- » Language Policy and Language Services 12
- » Pedagogy of Translating and Interpreting 12
- » Translation and Technology 12
- » One option from master coursework level courses offered in the College of Design and Social Context 12

Non-accrediting stream

Graduate certificate

- » Discourse Studies for Interpreters 12
- » Discourse Studies for Translators 12
- » Ethics and Professional Issues 12
- » Theoretical Bases of Translating and Interpreting 12

Additional courses to be completed for the graduate diploma

- » Advanced Theory of Translating and Interpreting 12

Plus three courses from

- » Translation Project Management 12
- » Advanced Discourse Studies 12
- » Language Policy and Language Services 12
- » Pedagogy of Translating and Interpreting 12
- » Translation and Technology 12

- » One option from master coursework level courses offered in the College of Design and Social Context 12

Additional courses to be completed for the master

- » Minor Thesis 24
- » Research Methods in Translating and Interpreting 12

Plus one course from

- » Advanced Discourse Studies 12
- » Language Policy and Language Services 12
- » Pedagogy of Translating and Interpreting 12
- » Translation and Technology 12
- » One option from master coursework level courses offered in the College of Design and Social Context 12

www.rmit.edu.au/programs/mc167

Teaching methods

Classes are taught in a combination of lecture, design studio, seminar, tutorial, audio visual workshops, practical and laboratory sessions.

Academic entrance requirements

Applicants for either stream must have a recognised university qualification and/or appropriate experience and demonstrated capacity to pursue study at a postgraduate level. Students in the NAATI accrediting stream are required to pass a bilingual entrance test administered by the University.

Careers

The *Master of Social Science (Translating and Interpreting Studies)* is a postgraduate qualification that assists graduates to work in many varied occupations and industries in Australia and overseas. There are many global opportunities for translators and interpreters qualified at postgraduate level. Roles include jobs with transnational firms that do business in Australia and other countries. There are interesting, challenging and broad career prospects with jobs in government language policy areas, transnational translation projects, such as in third world countries or organisations including the United Nations and other NGOs, and diverse translating and interpreting management positions in Australia or overseas. Just a few examples of possible career options (depending on the graduates' other languages):

- » finding work with large international companies, such as Mitsubishi in Japan
- » working for Australian or other foreign embassies
- » working with SBS Radio in Melbourne
- » working with the British Council in Guangzhou, China
- » working as a freelance translator/interpreter for language service agencies in Melbourne.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Education

MR018 *Master of Education*

CRICOS code: 012978J

Duration: 2 years

DR071 *Doctor of Philosophy (Education)*

CRICOS code: 065720G

Duration: 4 years

Bundoora campus

The *Master of Education* is normally awarded for a thesis or project based on original research that contributes to knowledge in the area investigated. A research method course is a compulsory requirement of this program. RMIT's School of Education has expertise in the general areas of curriculum, educational processes and applied education. In the curriculum area, there are strengths in arts education, mathematics education, language and literacy, health and physical education, post-compulsory education and training, and educational leadership and management. In the area of processes, there are strengths in learning, early childhood, primary, secondary and transitions. In the applied education area there are strengths in educational technology, teaching methods and curriculum design.

Research degrees by project combine a traditional research methodology and skill base with a contemporary understanding of organisations and professional practice in the workplace. These degrees enable individuals and their organisations to study a workplace concern and produce a comprehensively researched outcome that feeds back into the organisation. This innovative approach provides multiple tangible outcomes, not least of which is the project itself, but also the building of a research and development capability within the organisation, the development of applied research skills for the participants as well as a qualification from a leading Australian university. Some key characteristics of the by project mode include industry partnership, collaboration, research linked to action, positive change for the organisation and individual, and action learning/action research approaches within a project framework. The degree promotes an explicit relationship between research, learning and change. As a consequence the program is challenging for the individual as they grapple with the generation of new knowledge and how this knowledge informs action.

Program structure

www.rmit.edu.au/programs/mr018

www.rmit.edu.au/programs/dr071

Academic entrance requirements

Master

Applicants will normally:

- » have qualified for or graduated with a degree of the university and have attained such academic standards as the RMIT Higher Degrees Committee deem satisfactory
- » be a graduate of another university or institution with equivalent qualifications as recognised by the Higher Degrees Committee
- » have other qualifications or experience as the committee may consider appropriate.

PhD

A bachelor degree with first or upper second class honours from a recognised tertiary institution, preferably with a major in education, or a degree of *Master of Education/Master of Arts* by thesis/project from a recognised tertiary institution, or currently enrolled in an RMIT *Master of Education* by research program and have demonstrated to the satisfaction of the RMIT Higher Degrees Committee exceptional ability in the conduct of this research which has the potential to be extended to the doctoral level. Candidates must present a proposal that satisfies the RMIT Higher Degrees Committee of their capacity to pursue an investigation of the required scope and depth. The research proposal should indicate the area of research to be undertaken, the methodology of the research and the expected outcome.

Pathways

Available for the compulsory research methodology course.

Professional recognition

Research studies at the master or doctoral level in education provides students with a broad research training grounded in workplace practice. Training in research provides options for advancement for trainers, managers of training in TAFE institutes, teachers in schools, arts practitioners and managers, career and job placement advisors and a range of professionals in management and human resource positions in industry and the community.

Research training adds to a portfolio of skills and capabilities for professionals that involve issues of identification, research techniques, interviewing skills, project management skills, analysis and assessment skills, writing and compilations skills. Successful research students demonstrate capacities in self discipline and task completion which are skills that are highly sought after in industry.

Most importantly research training provides students with abilities to address issues in a way that connects theory with practice in the context of improving workplaces and communities. These skills which focus on innovation and creativity are highly marketable and transferrable.

Careers

The *Master of Education* by research and PhD enables graduates to qualify for employment in senior positions associated with the management of training in a wide variety of occupations. The skills acquired in this course assist in preparing people for prospective employment in the emerging industry training and employment placement settings.

Social science

MR057 *Master of Social Science*

CRICOS code: 012965C

Duration: 2 years

DR073 *Doctor of Philosophy (Global Studies, Social Science and Planning)*

CRICOS code: 065752M

Duration: 4 years

City campus

Applicants should have a research interest in any of the following areas:

- » global studies (including international development, international relations, globalisation and cultural studies);
- » applied social science (including social and political theory, social policy, evaluation theory and practice, social and cultural history, social work and youth work theory and practice, criminology and community development); and
- » environment and planning (including urban and environmental policy and planning, and housing).

Program structure

www.rmit.edu.au/programs/mr057

www.rmit.edu.au/programs/dr073

Additional costs

Candidates will normally also be expected to meet expenses such as materials, travel expenses, photocopying, stationery etc. but students will be provided with access to a PC, email address and office space. The School also provides financial support to cover some research expenses.

Academic entrance requirements

Master

A first degree from RMIT or equivalent, with at least a credit average in the final year; or evidence of appropriate experience which satisfies the School that they have developed a knowledge of the field of study sufficient to undertake the proposed program.

PhD

A bachelor degree with first or upper second class honours from a recognised Australian or international institution; or a master degree by thesis/project from a recognised Australian or international institution; or current enrollment in an RMIT master by thesis/project program and a demonstrated exceptional ability in the first stage of a program which has the potential to be extended to doctoral level.

Advanced standing

These programs are holistic and integrated research programs based on the entry requirements listed above. Advanced standing can be given for the compulsory research methodology course (subject).

Careers

RMIT's research students are widely recognised as leaders in their field or with the potential to offer leadership in their professional field. This research program is designed with the student's career direction in mind.

The master program will develop and extend students' professional knowledge, enhance their career prospects in their current field, provide access to networking and opportunities for study-based work improvements and strengthen the quality of promotion applications.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Media and Communications

Advertising

GC076 Graduate Certificate in Advertising

CRICOS code: 040968A

Duration: 0.5 year

GD130 Graduate Diploma in Advertising

CRICOS code: 040969M

Duration: 1 year

MC130 Master of Communication (Advertising)

CRICOS code: 061185C

Duration: 1.5 years

City campus

RMIT's advertising program provides an in-depth exploration of academic and professional advertising knowledge from around the world.

The *Master of Communication (Advertising)* undertakes a practical perspective to the management of high-level advertising and communications organisations and the campaigns they produce. The program offers a range of electives in advanced advertising, communication principles, design principles and management.

The *Graduate Diploma in Advertising* examines complex advertising campaigns through the study of account management, strategy, branding theory, media planning, agency management, commercial sponsorship, sales promotion, brand, public relations and direct response.

The *Graduate Certificate in Advertising* focuses on the process of advertising strategy, examining communication, brand theory, account service, account/strategy planning, media buying/planning and communications process management.

Advertising graduates are trained to:

- » conduct and/or use research, with critical awareness of its validity for decision-making
- » develop and/or build theories, understanding the process of theory development
- » implement organisational/personal behaviours through theory
- » create effective and efficient structures within advertising
- » effectively respond to changing societal demands on advertising
- » master writing styles within their field of knowledge and aptly communicate about advertising knowledge, influencing peers within business
- » secure confidence with their advertising clients.

Unique aspects of the program include:

- » a specialist masters program—one of only a select few in the world
- » a teaching staff with senior-level experience within industry, many staff continue to practice whilst teaching
- » research that is published in top-level conference and journal forums
- » a computer lab that is equipped with state-of-the-art media software, used in practice-based buying and selling exercises
- » internships with industry bodies where students gain important practical experience and establish contacts that will give them the edge in securing positions upon graduation.

Note: While all students study Creativity in Advertising, the program is not designed for those who plan to be advertising copywriters or art directors. RMIT advertising does not guarantee the availability of student internship opportunities, this outcome depends on the client choice and job availability. Only students with satisfactory grades and suitable academic supervisor availability are eligible for minor project participation.

Program structure

Graduate certificate	Credit points
» Advertising Theory and Practice	12
» Creativity in Advertising	12
» Marketing Management and Implementation	12
<i>Select one course</i>	
» Managing Advertising	12
» Advertising Media Strategy	12

Additional courses to be completed for the **graduate diploma**

- » Advertising Campaigns 12
- » Advertising Strategy Planning 12
- » One elective course 12
(or other courses as agreed by program coordinator)

Select one course

- » Managing Advertising 12
- » Advertising Media Strategy 12

Additional courses to be completed for the **master**

- » Master Seminar – Advertising 12

Option one

- » Three elective courses 36
(or other courses as agreed by program coordinator)

Option two

- » Research Strategies 12
- » Minor Project 24

Note: Students will be selected on academic merit (in program to date) and ability to match suitable supervisors. Must gain program director's endorsement.

Elective courses

- » Accounting for Management Decisions 12
- » Advanced Advertising 12
- » Advertising Internship Project 12
- » International Advertising 12
- » Public Relations Theory and Practice 12
- » Sponsorship Communications 12

www.rmit.edu.au/programs/mc130

Academic entrance requirements

Either an English undergraduate (bachelor) degree in any discipline with results of a high standard, or three years' experience in advertising, marketing or a related promotional field, achieving management level. For non-English undergraduate (bachelor) degree holders a competent level of English is required in line with RMIT standards.

Applicants must complete the extra requirement below.

Extra requirements

A 400–500 word personal statement that answers the following questions:

- Q1. What is your understanding of the program? What is your rationale for choosing RMIT advertising as the program you wish to study?
- Q2. What is your knowledge of the Australian advertising and media landscape? (Perhaps from what you understand from research, film, TV, travel, school exchange etc.) Discuss an advertising campaign outlining why it may have been effective or not.

Communication

MC080 Master of Communication

CRICOS code: 061182F

Duration: 1.5 years

City campus

The *Master of Communication* provides a unique combination of theoretical communication studies, professional training and research. Courses are offered in the areas of communication theory and practice, cinema, journalism, public relations, editing, cultural studies and new media.

The program is relevant for two types of students: practising communication professionals who want to broaden, diversify and update professional skills and knowledge, and recent graduates who want an orientation to a range of communication professions.

Applicants wishing to specialise in journalism, public relations or editing and publishing may consider applying for a place in the appropriate graduate diploma. After completion of two full-time semesters it is possible to articulate into the *Master of Communication* by coursework.

The *Master of Communication* program is unique in that it allows students to design their own study program according to their needs and interests. Students can choose from the range of program electives in addition to the three compulsory research courses.

The program's flexibility, commitment to relevance, and passion for diversity make it stand out from other programs. The program offers full-time students various modes of study while giving them up-to-date knowledge in communication research and professional practice. Key to the program's strength is the diversity of students in the classroom, which enriches our teaching and learning experience.

Program structure

The degree has two compulsory core courses: Introduction to Communication Research and Research Strategies. Students complete either a Minor Project (24 credit points) or a Major Project (48 credit points).

Students undertaking the Minor Project option must complete the two compulsory core courses, the minor project and eight courses from the list of approved electives.

Students undertaking the Major Project option must complete the two compulsory core courses, the major project and six courses from the list of approved electives.

Master

Credit points

- » Introduction to Communication Research 12
- » Research Strategies 12

Select one option

- » Option A—Major Project 48
- » Option B—Minor Project 24

Elective courses*

- » Asian Media Systems 12
- » Asian Popular Culture 12
- » Change Communication and Management 12
- » Cinema Industry and Culture 12
- » Communication and New Technology 12
- » Communication Theory and Practice 12
- » Editing Principles and Practice 12
- » Electronic Publishing 12
- » Ethics, Philosophy and Professional Communication 12
- » Film and TV Industries Professional Practice 12
- » International Communication and Culture 12
- » Journalism: Issues and Principles 12
- » Literary Journalism 12
- » Magazine Publishing: Context, Theory and Practice 12
- » Mass Communication Law and Regulation 12
- » Managing Media Organisations 12
- » News and Communication Theory 12
- » Organisational Communication Theory and Research 12
- » Political Communication 12
- » PR Case Analysis and Presentation 12
- » Public Relations Theory and Practice 12
- » Public Relations: Changing Perspectives 12
- » Reading Local, National and Global Cinemas 12
- » Risk Communication and Management 12
- » Strategic Communication Management 12
- » Terrorism, Media and Morality 12
- » Transient Spaces: Participatory Media 12
- » Writing for the Media 12

* Not all listed electives are available each semester. Contact michael.webster@rmit.edu.au to confirm electives being offered next semester.

www.rmit.edu.au/programs/mc080

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

A first degree with results of a high standard and the recommendation of an academic supervisor or professional referee. Significant professional practice in one or more of the communications industries may be considered as the basis for entry in the absence of a first degree.

All international applicants are required to provide a 400–500 word written statement outlining their interest in the program.

Pathways

From 2009, students who have successfully completed one of the School's 96 credit point graduate diploma programs in journalism, public relations or editing and publishing can articulate to the *Master of Communication* program. On the successful completion of an additional 48 credit points students can graduate with a general *Master of Communication*, or a specialist, industry-based *Master of Communication (Book Publishing)*, *Master of Communication (Journalism)*, or *Master of Communication (Public Relations)*.

The industry-specific *Master of Communication* programs are focused on adding research skills to the professional abilities developed in the graduate diplomas. The additional courses build skills of self-directed research and expertise in specific areas of the industries.

Although the industry-specific *Master of Communication* programs are intended primarily for those who have successfully completed the University's graduate diplomas, applicants who have successfully completed similar graduate diploma programs at other universities, or those with at least 10 years' relevant industry experience, may be considered for advanced entry into the program at the discretion of the program coordinator.

For more information on the industry-specific *Master of Communication* programs, please email Michael Webster, michael.webster@rmit.edu.au.

Creative media

(specialisations available in animation and interactive media, creative writing or film and television production)

MC142AIM	Master of Creative Media (Animation and Interactive Media)
CRICOS code:	058384M
Duration:	1.5 years
MC142CW	Master of Creative Media (Creative Writing)
CRICOS code:	049569K
Duration:	1.5 years
MC142FT	Master of Creative Media (Film and Television Production)
CRICOS code:	049570F
Duration:	1.5 years
City campus	

This program is unique in Australia as a coursework-based master degree across three inter-related disciplines. It offers instruction via master classes and forum-based interaction with industry professionals. It allows creative professionals to reflect on their practice in the context of cross-disciplinary peer review and project-directed research.

Program structure

Animation and interactive media

Year one	<i>Credit points</i>
» Concept Development	12
» Collaborative Studio Practice	12
» Individual Practice	12
» Storytelling	12
» Major Project	48

Year two	
» Research Strategies	12
» Entrepreneurship for Creative Practitioners	12
» Reflective Practice and Exegesis	24

Creative writing

Semester one	
» Storytelling	12
» Concept Development	12
» Research Strategies	12
» Writing for Novel and Screen	12

Semester two	
» Major Project	48

Semester three	
» Reflective Practice and Exegesis	24
» Entrepreneurship	12
» Writer and Publication	12

Film and television production

Semester one	
» Storytelling	12
» Concept Development	12
» Research Strategies	12
» Collaborative Studio	12

Semester two	
» Major Project	48

Semester three	
» Reflective Practice and Exegesis	24
» Entrepreneurship	12
<i>One elective from:</i>	
» Film and Television Industries	12
» Transient Spaces	12
» Screen Production Project	12

www.rmit.edu.au/programs/mc142

Academic entrance requirements

A bachelor degree or equivalent industry experience before commencement with some study or experience in the particular discipline. An expression of interest form must be completed. Selection is via interview and portfolio and review of prior work, either written or on DVD. Full details of requirements will be advised before interview. Some applicants may be able to go directly into the graduate diploma (semester two); such exemptions will be determined by interview and portfolio.

Applicants must write a 400–500 word personal statement that is specific to the chosen discipline stream. It should convey your interest in and passion for the discipline, outline your aspirations and motivation for studying the program, demonstrate a knowledge of the program structure and how it will help you achieve your goals and outline what you expect to do on completion of the course. Generally, selection will be via a review of your folio and prior academic achievement, the strength of supporting documentation and an interview. Offshore and interstate applicants may be required for a telephone interview.

Extra requirement

Animation and Interactive media

A folio of relevance to the discipline consisting of either time-based work and/or fine art or graphic design. Completion of the discipline's pre-selection task available at:

<http://its-wu-web.its.rmit.edu.au/aim/SelectionTest.html>

Film and television

Examples of previous work on DVD video (your role in any collaborative production needs to be made clear, so please provide a credit list in English). An outline of prior production roles either in industry, on personal projects, or as part of an academic program.

Creative writing

A writing folio of approximately 2000 words. Applications shall not be considered until all the above material has been submitted.

Pathways

Students of RMIT's School of Creative Media TAFE programs such as *Diploma of Professional Writing and Editing*, *Advanced Diploma in Screen*, *Advanced Diploma of Multimedia*, *Diploma of Applied Photography* and similar programs in other TAFE and university schools can usually complete an appropriate degree in one year within RMIT's School of Creative Media. Such degree programs include *BA (Animation and Interactive Media)*, *BA (Games Graphic Design)*, *BA (Digital Art)*, *BA (Creative Writing)*, *BA (Photography)*. After completing a first degree graduates may decide to continue to an honours year or move directly to a master program.

The choice between Honours, Master by Coursework (MCM) or Master by Research (MA Research) is usually determined by the academic achievement evident in the first degree, the maturity of the applicant and career experience.

Recognition of formal qualifications, current competencies and professional experience will be considered on an individual basis. Applicants who have completed similar studies at postgraduate level may be granted exemptions for single courses after review by the program coordinator.

Professional recognition

All specialisations within this program are validated and advised by an industry panel, comprising practising professionals who meet regularly to review the contents of the discipline within the overall program.

Careers

Across the three specialist areas of MCM students may expect to develop careers in the following areas:

- » animator in 2D or 3D
- » interaction designer
- » matte artist
- » web designer
- » character designer
- » games artist
- » production manager
- » art director
- » online education designer
- » film or television producer
- » film or television director
- » machinima director/producer
- » screen writer
- » scriptwriter
- » sound designer
- » editor
- » publisher
- » technical writer
- » novelist
- » essayist
- » short story writer
- » magazine writer
- » writing critic
- » newly emerging professions in virtual communications and online communities

Journalism

GD074 Graduate Diploma in Journalism

CRICOS Code: 012959A

Duration: 1 year

MC168 Master of Communication (Journalism)

CRICOS Code: 063580J

Duration: 1.5 years

City campus

The *Graduate Diploma in Journalism* is a vocationally oriented postgraduate program which equips graduating students with the knowledge and expertise required to enter a wide range of careers in print, broadcast and online journalism and related areas.

The graduate diploma is intended primarily for graduates whose undergraduate study has not included journalism. The program is designed to give graduates a practical and professionally well-rounded preparation for a career in journalism.

All journalism program staff have an industry background and tertiary qualifications. Their professional backgrounds cover radio, television and online journalism, newspaper and magazine journalism, specialist reporting, and news organisation management.

The graduate diploma is an intensive learning program that offers a blend of practical and reflective elements. It is designed to give graduates strong journalistic skills and an appreciation of what is required of journalists working in a modern multimedia newsroom.

Students have the opportunity to write for the journalism program's newspaper, *The City Journal Online*, and its sister publication, *City Journal Online*. They are also involved in presenting and producing live radio news for 3RRR and producing reports for the program's live-to-air television news bulletin, *Newsline*, on Channel 31. While acquiring these vocational skills, students are taught the regulations and ethics of the profession: from deadline-driven decision-making to the ethical challenges of more involved and complex research projects.

The journalism program's strong links with industry are sustained through the program's extensive work placement scheme, which offers graduates the chance to spend time in professional newsrooms.

There are limited opportunities for some students to complete overseas work placements.

The *Master of Communication (Journalism)* addresses the increasing demand for an industry-specific master qualification for those practising, or wanting to practise, journalism. Applicants can either enter the master program directly* or first complete the *Graduate Diploma in Journalism* and then articulate into the master program to complete the final semester.

After completion of the industry-specific *Graduate Diploma in Journalism*, either as a separate program or embedded within the master degree, students build on that foundation with a journalism-focused postgraduate-level research project. This final semester research project will enhance formal training in researching and provide an opportunity to delve more deeply into a specific area of journalism that has emerged during graduate diploma study. It will improve students' vocational prospects by adding expertise in a specific area of journalism of their choice.

The *Master of Communication (Journalism)* is focused on adding research skills to the professional abilities developed in the *Graduate Diploma in Journalism*. The additional courses build skills of self-directed research and expertise in specific areas of the industry.

The journalism program at RMIT maintains close links with the journalism industry through professional contacts, the Program Advisory Committee and our extensive work placement program.

* There is no graduate diploma exit point in the *Master of Communication (Journalism)*.

Program structure

Graduate diploma	Credit points
» Advanced Reporting and Feature Writing	12
» Broadcast Journalism: Radio	12
» Broadcast Journalism: TV	12
» Journalism: An Introduction	12
» Media and the Law	12
» News Studies	12
» Online Journalism	12
» Writing the News	12

www.rmit.edu.au/programs/gd074

Additional courses to be completed for the master

» Research Strategies	12
» Approved elective course	12
» Minor Project	24

www.rmit.edu.au/programs/mc168

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (no band less than 6.5)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

An undergraduate (bachelor) degree. Applicants without a recognised undergraduate degree who have appropriate experience may be admitted to the graduate diploma at the discretion of the journalism program director.

Applicants wanting to enter the *Master of Communication (Journalism)* but not holding the *Graduate Diploma in Journalism* must meet the entrance requirements for the *Graduate Diploma in Journalism*.

Successful completion of the *Graduate Diploma in Journalism* in the past five years. Graduates of the *Graduate Diploma in Journalism* from before 2005 will need to demonstrate relevant, up-to-date industry experience.

Applicants with at least 10 years' relevant industry experience as a journalist who are not graduates of RMIT's *Graduate Diploma in Journalism* or those who have completed industry-related graduate diplomas at other universities will be considered on a case-by-case basis at the discretion of the program director.

Extra requirements

Applicants are required to complete a supplementary form located at: <http://mams.rmit.edu.au/xkfalxh40jh7.pdf>.

Applicants will be short-listed for interview based on information provided in the International Application Form, supplementary form and previous academic results. Short-listed applicants located outside Australia will be interviewed by telephone.

Pathways

Students who have completed RMIT's *Graduate Diploma in Journalism* in the past five years will be given 96 credit points advanced standing, towards the *Master of Communication (Journalism)*.

Professional recognition

The *Master of Communication (Journalism)* is based on the *Graduate Diploma in Journalism*, which was designed in collaboration with the RMIT Journalism Program Advisory Committee comprising representatives from metropolitan and regional newspapers, magazines, radio and television media. The *Master of Communication (Journalism)* was developed in full consultation with and with the support of the Program Advisory Committee.

Careers

Journalism graduates are working in newspaper, magazine, online, radio and television journalism, as well as in specialist publishing, throughout Australia and internationally.

Animation and interactive media

MR064 *Master of Arts – Animation and Interactive Media*

CRICOS code: 026262G

Duration: 2 years

City campus

Candidates are engaged in a quest for new knowledge within the fields of interactive media, animation and the cinematic arts through creative, technical and intellectual investigation in ways that influence and define the medium's future.

A rich and diverse range of research projects is currently being undertaken in areas such as: the creative use of interactive media and its application to particular subject matter; human-computer interaction; experimental animation techniques; scripting for nonlinear formats; multimedia as a tool for special needs learning; therapeutic applications for interactive media; networked environments and communities; development of new navigational devices; interactive documentaries; intelligent software agents; computer games for the visually impaired; 3D computer animation, special effects animation, evaluating various approaches to multimedia design; interactive portraiture; intelligent self-generating soundtrack for interactives; adaptive immersive environments. Other projects seek to critically define the medium and examine its relationship to other arts and communication disciplines. The nature of interactivity itself and the possibilities of online distribution are often the objects of research.

Examination of research projects is based on the presentation of work in an appropriate publication format, CD-ROM, video, DVD, web documents, film, an exhibition, installation or other appropriate public presentation.

An orientation program for new candidates is conducted. Seminar programs, peer review and special interest groups for the discussion and debate of ideas are offered to support the candidate.

Program structure

www.rmit.edu.au/programs/mr064

Academic entrance requirements

Applicants who hold a degree with distinction or higher in an appropriate discipline and/or have extensive experience in the relevant industry may be considered for *Master of Arts* candidature, depending on the quality and scope of the proposed research.

Careers

Postgraduate programs in RMIT's School of Creative Media aim to produce graduates who will be able to perform at the highest levels of professional creativity in the industry of their choice. Many graduates have become successful leaders in their field.

Communication studies

MR071 *Master of Arts – Communication Studies*

CRICOS code: 001530K

Duration: 2 years

DR069 *Doctor of Philosophy (Communication Studies)*

CRICOS code: 065815A

Duration: 4 years

City campus

RMIT's School of Applied Communication offers master degrees in the fields of cultural and communication studies, cinema studies, communication media professions (advertising, journalism, public relations, communication/graphic design) and critical design practice. Preferred research proposals will align with the School's strategic research themes—global media cultures; communication, politics and organisations; communication practice and industry innovation; and communication industry education and training. Postgraduates play an important role in the School's research environment which includes a regular graduate research conference as part of research education and training.

The School has research expertise in the following areas: media industries; new communications technology; Asian media; the role of communication in political, cultural, social and economic change; communication in the international marketplace; media and religion; cinema; music and popular culture; radio and television broadcasting; community and alternative media; journalism; advertising; communications history; public relations and organisational communications; issues management; government communications policy; media, communications and Australian culture; literature and biography; media, communication and cultural theory.

While most communications and media research is conducted through thesis writing, there is the opportunity to do production and project-based research, especially in advertising, communication design and journalism.

Applicants are expected to have a capacity for independent intellectual research in their proposed field of study. Research implies a formal academic process that investigates, analyses and contributes original knowledge to that field of study.

Program structure

www.rmit.edu.au/programs/mr071

www.rmit.edu.au/programs/dr069

Academic entrance requirements

Master

Successful applicants are normally required to have:

- » a first degree with major studies in one or more communications or humanities disciplines, advertising, graphic design or another award of equivalent character and standard, and demonstrated capacity to undertake the proposed program of research
- » evidence of experience which has developed in the applicant a knowledge of the field of study sufficient to undertake the proposed program of research.

PhD

Successful applicants are normally required to have:

- » a degree of master by research or a bachelor degree with not less than upper second class honours from RMIT
- » a degree from another university or institution recognised by RMIT
- » such other qualifications or experience as RMIT may consider appropriate.

Pathways

Candidates who are enrolled in an RMIT master by research program and have demonstrated exceptional ability in the conduct of the first stage of a program which has the potential to be extended to doctoral level may transfer to PhD, with approval of faculty board.

Creative media

DR070 *Doctor of Philosophy (Creative Media)*

CRICOS code: 065692G

Duration: 4 years

City campus

This PhD is available to those wishing to carry out research in the disciplines covered within the umbrella of creative media. This includes expertise in the following areas: animation and interactive media, photography, creative writing, multimedia, screenwriting, and film and television production.

At doctoral level, programs engage with world standard research communities. Research implies a formal academic process that investigates, analyses and contributes original knowledge to that field of study, and applicants are expected to have a capacity for independent intellectual research in the proposed field of study.

Two supervisors are usually assigned to each research candidate. The senior supervisor will be a university academic staff member from the school supporting the program. The second supervisor, who is arranged as a backup to the senior supervisor, can be any suitably qualified individual from inside or outside RMIT University. A specialist consultant may also be appointed as required.

An orientation program for new candidates is conducted and candidates complete an appropriate Research Methods course, in the first semester of their candidature. Seminar programs and reading groups are also sometimes offered to support the candidate's research program.

Program structure

www.rmit.edu.au/programs/dr070

Academic entrance requirements

Successful applicants are normally required to have:

- » a degree from another university or institution recognised by RMIT
- » such other qualifications or experience as RMIT may consider appropriate.

Pathways

Candidates who have enrolled in an RMIT master by research program may upgrade to a doctoral program if their research is of an exceptional standard (beyond master level), and within the first stage of the master.

The move to doctoral programs is reserved for exemplary, potentially deeper research work and is not an automatic process. A full resubmission must be made to the Research Graduate Studies Committee that establishes the case for upgrade, with evidence as required.

Careers

Postgraduate programs in creative media aim to produce graduates who will be able to perform at the highest levels of professional creativity in the industry of their choice. Many graduates have become successful leaders in their field.

Creative writing

MR066 *Master of Arts – Creative Writing*

CRICOS code: 036848K

Duration: 2 years

City campus

This research degree, which is usually undertaken by project, is available to those with appropriate prior qualifications who wish to write creatively, developing an in-depth piece of creative writing, and reflecting on that work as a rigorous research activity in an accompanying text. Participants produce a substantial written project – for example, a novel, short story, or screenplay. The original work will be accompanied by an exegesis which reflects on the creative project and the research processes that produced it. Successful applicants will undertake a one and a half year full-time program designed to allow for the development of a major creative written project.

This research degree is designed to help participants define their work within the literary or cinematic field, and situate it within theoretical, historical, artistic, and industrial frameworks. Participants will also be encouraged to develop and explore the professional tools needed to write long-form work for publication in a variety of media—print, film, TV, web-based etc.

The general aim for all participants is to work on a challenging project. The skills required to manage this program will focus on the writer's ability to conceive and author engaging written work that is specifically tailored to a particular publishing or media-based context. A key focus is on identifying and communicating with an audience of readers or viewers. Participants in the master degree program are encouraged to make a significant contribution to both research and practice here and in the global arena.

Candidates will be encouraged to develop technical knowledge and working skills relating to the genre in which they are working. This will include research skills such as, for example, interview technique, historical investigation, comparative analysis, or textual analysis. In addition, participants will explore a variety of writerly techniques such as plotting and characterisation, dialogue, exposition. Students will be encouraged to develop the industrial and aesthetic skills necessary to identify and connect with audiences, publishers and producers, and will work towards an understanding of the historical and theoretical contexts in which their work is situated.

Special supervision in screen-writing and script development is also available. Participants with an interest in writing screenplay material or in researching questions and issues in screen theory or cinema studies are encouraged to apply.

Program supervisors have extensive industry experience in a variety of publishing and media contexts.

Program structure

www.rmit.edu.au/programs/mr066

Academic entrance requirements

A first degree from RMIT, or equivalent; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Photography

MR060 Master of Arts – Photography

CRICOS Code: 007466J

Duration: 2 years

City campus

RMIT's *Master of Arts - Photography* is a research degree that encourages students to develop cutting edge practices in the fields of art and commerce.

This program is designed to accommodate students who expect an experimental, creative and critical environment in which to practice and think about photography whilst acknowledging photography's multiplicity and the heterogeneous spaces that the medium now occupies in contemporary culture.

From the walls of major museums and galleries to cutting edge commercial applications, photography continues to be inserted into the world at the forefront of an expanded visual matrix that encompasses new and existing forms of electronic and analogue dissemination.

The most astute photographers practising today navigate their way between and through what may have previously been seen as antagonistic arenas. It is no longer uncommon to have the same photographers represented by commercial photographic agencies as well as prestigious art galleries or for an image to work across a variety of different cultural locations.

The most successful photographers, and those individuals and organisations who work with them, know that the most viable photographic outcomes at the cutting edge of practice are both ideas led as well as aesthetically and technically distinctive. This suggests that photography's parameters, be they technical or philosophical, are continually being expanded through process as well as analysis. We also acknowledge that in a knowledge-based economy, the skills that make good photographers – tenacity, analytical thinking, diplomacy and creativity – are transferable skills.

Whilst it is important to respect the distinctiveness of the discipline of photography we also acknowledge that photography is influenced by and continues to influence other creative disciplines. Therefore, it is expected that the practice and analysis of photography on the *Master of Arts* will engender a culture fully committed to testing the boundaries of the medium and pushing at the edges of the discipline so as to develop a conception of what photography is and how it might be used and interpreted in the future. It is also expected that the *Master of Arts* will encourage photographers to reflect on their own position whilst representing the various positions that they may be confronted with. Subsequently, the aim is to develop practitioners who can think conceptually and who can adapt and develop new visual languages that can adequately represent the world today.

Photographic culture in Melbourne

There is a strong photographic culture in Melbourne. The Centre of Contemporary Photography, the National Gallery of Victoria and the Monash Gallery of Art are just three major institutions regularly showing photographic work of national and international significance. Many of Australia's leading photographers are based in the city and Melbourne is home to a dynamic range of commercially run galleries, workshops and commercial studios that have photographic activity at their core.

Photography at RMIT

All supervising staff are practising photographers and/or renowned for their analysis of the medium as writers and critics. RMIT University is highly regarded nationally and internationally for its photography programs and is the largest discipline department in photography in Australia with a teaching legacy that goes as far back as the nineteenth century. Students benefit from a broad staff knowledge base that encompasses the intellectual as well as the technical aspects of the medium.

The *Master of Arts* is offered as a two year full-time program with prospective students making a proposal for their research as part of their application. The development of this proposal will be supported by academic staff throughout the degree experience. Students will be allocated suitable supervisors who are appointed with the aim of encouraging the production of ambitious final work through a process of experimentation and critical thinking in a supportive environment. This is achieved through a series of regular seminars, lectures, tutorials and technical instruction where required. Regular visiting lecturers to the program enable students to hear first hand the experiences of artists, curators and photographic professionals.



Graduate profile

Bronek Kozka

Master of Arts – Photography

RMIT University photography graduate and lecturer, Bronek Kozka, has been presented with one of the world's most prestigious prizes for photography, the Hasselblad Masters Award. Bronek received the award at international photography event photokina, where he was the only Australian chosen to exhibit his work. He was part of an elite group of 10 photographers selected from more than 1,700 entries worldwide to show their work at the event, which is held twice a year in Cologne, Germany.

This award has capped off a successful period for Bronek, with other awards including the National Portrait Prize for Australia and the UK, as well as exhibiting at ACP in a group show alongside the esteemed Tracey Moffat.

An orientation program for new candidates is conducted. All candidates complete an appropriate Research Methods course in the first semester of their candidature.

Examination of research projects is usually based on publication by exhibition, installation, or other appropriate public presentation.

Applicants are expected to have a capacity for independent intellectual research in the proposed field of study. Research implies a formal academic process through which the researcher investigates, analyses, and contributes original knowledge to that field of study.

Program structure

www.rmit.edu.au/programs/mr060

Teaching methods

Students take part in one to one tutorials, small seminar groups and lectures. An orientation program for new candidates is conducted. All candidates take part in the appropriate Research Methods course in the first semester. Seminar programs, annual conferences and guest lectures are an important part of the program.

Academic entrance requirements

Candidates will normally have completed a degree in a related field, which may include photography, media and performing arts, moving image, fine art, humanities and other appropriate disciplines. Applicants with suitable professional experience and who may not have the above academic qualifications may be offered a place in the course.

Folio requirements

Offers of a place will normally be dependent upon a successful interview and evidence of recent creative output in the form of a folio of photographic work. Evidence of other creative media may also be presented at this point. The overall file size should not exceed 10 MB.

Careers

Postgraduate programs in RMIT's School of Creative Media aim to produce graduates who will be able to perform at the highest levels of professional creativity. Many graduates have become successful leaders in their field.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent



INNOVATE, CREATE, DISCOVER

Science, Engineering and Health at RMIT provides an extensive and diverse range of postgraduate coursework and research programs which include engineering, science, health and medical sciences and computing and IT studies.

Our wide range of programs cover all levels of postgraduate study, including graduate certificates, graduate diplomas, masters and PhDs at the City and Bundoora campuses.

With a focus on providing solutions to real-world problems, our aim is to develop socially responsible students who will find practical, creative and environmentally sustainable solutions to community and global problems.

Our fundamental commitment to quality teaching ensures students have access to the latest technology and methods of teaching. RMIT lecturers develop and apply new knowledge and new ways of thinking through education, research and projects in collaboration with a wide range of partners.

Strong links with industry ensure RMIT's programs remain relevant to the broader community and provide students with opportunities for workplace training, clinical practice and participation in joint research projects. Industry links and engagement with professional associations ensure the relevance of projects and strengthen future employment opportunities for graduates.

RMIT graduates are innovative, critical thinkers who have the potential to become leaders in their respective fields, nationally and internationally.

Computing and Information Technologies

Computer engineering

GC028 Graduate Certificate in Computer Engineering

CRICOS code: 026682K

Duration: 0.5 year

GD044 Graduate Diploma in Computer Engineering

CRICOS code: 012952G

Duration: 1 year

MC047 Master of Engineering (Computer Engineering)

CRICOS code: 061180G

Duration: 1.5 years

City campus

Embedded systems represent a convergence of electronics, computer systems engineering, telecommunications, network engineering and information technology. They are now found in everything from simple appliances to the most sophisticated medical diagnostic systems. There is an increasing demand for highly skilled graduates who can manage the threats and opportunities resulting from system miniaturisation, programmability and shrinking development cycles.

The program combines relevant theory, state-of-the-art tools and methodologies used in industry and academia as well as issues such as project management. The core courses focus on essential skills for embedded systems design while the elective modules cover advanced topics. The final research project component provides important practical experience towards developing complex embedded systems.

Program structure

Year one	Credit points
» Select 48 credit points from list one	48
» Select 48 credit points from list one or any approved elective (only courses not previously studied)	48
Year two	
» Research Project	48
Or	
» Select 48 credit points from list one (only courses not previously studied)	48

List one

» Advanced Computer Architecture	12
» Advanced Network Engineering	12
» Computer Vision Systems	12
» Digital Design Automation	12
» Introduction to Programming	12
» Microcomputer Systems Design	12
» Network Design and Switching	12
» Network Engineering	12
» Network Infrastructure	12
» Network Management and Security	12
» Network Planning and Performance	12
» Network Software Engineering	12
» Programming Techniques	12
» Project Preparation, Planning and Problem Solving	12
» Real Time Systems Design	12
» Software Engineering Fundamentals	12

www.rmit.edu.au/programs/mc047

Academic entrance requirements

Applicants should have:

- » a recognised bachelor degree in electrical, electronic, communication or computer engineering; or
- » evidence of successful completion of a post-matriculation diploma program of at least three years duration; or
- » a combination of academic qualifications and work experience equivalent to the above requirements.

Pathways

Advanced standing can be granted for applicants with an appropriate postgraduate diploma or other relevant graduate qualification. This will be considered on an individual basis.

Careers

The *Master of Engineering (Computer Engineering)* will prepare students to design, develop and apply digital and computer-based systems as solutions to engineering problems. Students will gain the skills and understanding needed to design and build innovative new products and services, develop sophisticated embedded computer communications as well as new software structures and algorithms.

Computer science

MC060 Master of Computer Science

CRICOS code: 065129A

Duration: 2 years

City campus

The *Master of Computer Science* is a software-focused two-year degree, flexibly designed for both IT graduates and software professionals and non-computing graduates whose first degree is in a completely different area.

The unique structure allows students to undertake the same courses as either the *Master of Information Technology*, *Master of Computing*, or *Master of Technology (Internet and Web Computing)* with the added benefit of undertaking a further semester of study. Students are able to spend the final semester pursuing a unique industrial software engineering project through Your Software at: www.yoursoftware.com.au.

Your Software empowers students to work in teams on an industry project with an external company. Management and liaison between the company and students is through the office of a professional software project manager with over twenty years industrial IT experience. This practical work-based experience can improve the job prospects of graduates. Companies that sponsor projects often subsequently employ graduates.

Students who don't wish to pursue an industrial internship may study a further four approved courses or if interested in research, undertake research methods and a minor thesis.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Program structure

Year one

Credit points

Students choose subjects from:

» Advanced Client/Server Architecture	12
» Advanced Distributed Systems	12
» Advanced Topics in Bioinformatics	12
» Agent-Oriented Programming and Design	12
» Analysis of Medical Data	12
» Artificial Intelligence	12
» Bioinformatics	12
» Broadcast Networks and Applications	12
» Computer and Internet Forensics	12
» Computing Theory	12
» Cryptography and Security	12
» Data Communication and Net-centric Computing	12
» Database Administration	12
» Database Systems	12
» Digital Media Computing	12
» Document Markup Languages	12
» Electronic Commerce and Enterprise Systems	12
» Enterprise Architecture	12
» Evolutionary Computing (seminar)	12
» Foundation Distributed Computing	12
» Information Retrieval	12
» Intelligent Agents and Agent Systems	12
» Intelligent Web Systems (seminar)	12
» Interactive 3D Graphics and Animation	12
» Internet and Intranet Document Engineering	12
» Introduction to Computational Biology	12
» Knowledge and Data Warehousing	12
» Mathematical Logic and Logic Programming	12
» Mobile and Wireless Computing	12
» Mobile Application Development	12
» Network Programming	12
» Network Security	12
» Object Oriented Programming	12
» Object Oriented Software Design	12
» Operating Systems Principles	12
» Real-Time Rendering and 3D Games Programming	12
» Research Methods	12
» Scripting Language Programming	12
» Search Technology	12
» Secure Electronic Commerce	12
» Secure Programming Environments	12
» Software Architecture: Design and Implementation	12
» Software Engineering for Large Scale Systems	12
» Software Engineering Process and Tools	12
» Software Requirements Engineering	12

» Software Reuse	12
» Software Testing	12
» Systems Architecture	12
» Unix Essentials	12
» Unix Systems Administration	12
» Usability Analysis	12
» Web Database Applications	12
» Web Development Technologies	12
» Web Servers and Web Technology	12
» Web Services	12
» Windows Systems Administration	12

www.rmit.edu.au/programs/mc060

Teaching methods

Face-to-face lectures, tutorials and laboratories are supported by an online learning system, group industry projects and one-on-one research supervision.

Assessment

Examinations and practical assignments, online quizzes, reports, peer and industry review, and external thesis examination.

Additional costs

There may be a AU\$110 fee if a student seeks an exemption at enrolment based on prior work experience and is required to take a challenge test. Please contact RMIT's School of Computer Science and Information Technology on for details. Tel. +61 3 9925 2348

Email: csit@rmit.edu.au

www.rmit.edu.au/compsci

Academic entrance requirements

Applicants are expected to have good grades (credit average) in a prior undergraduate degree or postgraduate diploma. Professional experience is not mandatory. The degree or diploma need not be in computing. Applicants without formal qualifications but who have significant extensive industry experience may also apply.

Pathways

Students who commence a *Graduate Diploma in Software Development, Computing, Graduate Diploma in Information Technology, Master of Information Technology, Master of Computing, or Master of Technology (Internet and Web Computing)* and follow an approved study plan may transfer their credits from those programs by enrolling into MC060 at least one semester before they are due to complete their current program.

Graduates who undertake the minor thesis option as part of the *Master of Computer Science* and achieve a cumulative grade point average of 3.5 or more, together with a good minor thesis examiner's report, may apply for direct entry to a PhD, with a possible scholarship.

Professional recognition

The Australian Computer Society accredits the master degree at the professional level.

Careers

There is currently an acute shortage of software trained IT specialists. Software IT specialists with postgraduate qualifications have excellent career prospects both locally and internationally, especially when combined with industry experience.

Graduates commonly work as: analyst programmer; architect; business analyst; computer operator; consultant/functional consultant; database developer and administrator; engineer: software network; engineer: software; help desk/support; internet/multimedia developer management; network and systems; product management; project management; QA/testers; sales: pre and post; security; team leaders; software project managers, chief technical officers and technical writers.

Computer science research

GC110 Graduate Certificate in Computer Science Research

CRICOS code: 050938B

Duration: 0.5 year

City campus

This research certificate, involving coursework (Research Methods) and a Minor Thesis/Project, is usually undertaken by students as a preliminary to admission to the *Master of Computer Science* (by research) or *Doctor of Philosophy (Computer Science)* programs. Prospective students must formulate their own research topic, which should broadly conform to the research interests of the School. Completion of the certificate involves submitting a minor thesis or project for critical review by a panel of experts in the field of study.

The thesis should be 20 to 50 pages long of publishable quality.

Program structure

Year one

Credit points

Option A

» Minor Thesis/Project	36
» Research Methods	12

Option B

» Minor Thesis/Project Part A	18
» Minor Thesis/Project Part B	18
» Research Methods	12

www.rmit.edu.au/programs/gc110

Academic entrance requirements

Significant experience in computer science, such as an undergraduate degree, a postgraduate coursework degree and/or work experience. Experience is assessed by the School, via email or in-person interviews.

Computing

GC077 *Graduate Certificate in Computing*

CRICOS code: 065133E

Duration: 0.5 year

GD055 *Graduate Diploma in Computing*

CRICOS code: 065134D

Duration: 1 year

MC062 *Master of Computing*

CRICOS code: 065136B

Duration: 1.5 years

City campus

The *Master of Computing* degree is flexible enough to meet the needs of both prospective computing and non-computing graduates. After completing an undergraduate computing degree, many prospective students are not job-ready because their education lacks a modern practical software focus. Non-computing students recognise the importance of multi-skilling by enhancing their previous education with a respected master qualification in IT.

Since each prospective student has a potentially different starting point, the first component of the degree aims to flexibly ensure that a solid foundation has been paved to prepare students to advance to a cutting edge specialisation in a chosen area. Areas of specialisation include advanced databases, bioinformatics, computer security, intelligent systems, networked and distributed systems, search engines, software engineering, and web-based computing.

Specialisations are designed to achieve the type of mastery over an area that potentially allows students to gain critical technical knowledge that is required by software team leaders and software project managers.

Program structure

Master students complete five core courses, two approved elective courses and one specialisation consisting of a group of five courses.

The following are example courses offered.

- » Algorithms and Analysis
- » Artificial Intelligence
- » Broadcast Networks and Applications
- » Computing Theory
- » Data Communications and Net-centric Computing
- » Database Administration
- » Design and Implementation
- » Digital Media Computing
- » Document Markup Languages
- » Electronic Commerce and Enterprise Systems
- » Interactive 3D Graphics and Animation
- » Internet Industry Project
- » Mobile Application Development
- » Operating Systems Principles
- » Programming Techniques
- » Programming Using C++
- » Real-Time Rendering and 3D Games
- » Scripting Language Programming
- » Software Architecture
- » Software Engineering: Process and Tools
- » Unix Essentials

www.rmit.edu.au/programs/mc062

Teaching methods

Face-to-face lectures, tutorials and laboratory sessions, supported by an online learning system.

Assessment

Examinations, practical assignments, online quizzes and reports.

Academic entrance requirements

Applicants are expected to have good grades (credit average) in a prior undergraduate degree or graduate diploma. Students with skills in problem solving and/or mathematics and clear thinking are encouraged to apply. Applicants without formal qualifications but who have significant extensive industry experience may also apply. Professional experience is not mandatory.

Advanced standing

Students with IT qualifications or significant relevant work experience can apply for limited course exemptions and may be required to sit a challenge test.

There may be a AU\$110 fee if a student seeks an exemption at enrolment and is required to take a challenge test. Please contact RMIT's School of Computer Science and Information Technology for details.

Tel. +61 3 9925 2348

Email: csit@rmit.edu.au

www.rmit.edu.au/compsci

Professional recognition

The Australian Computer Society accredits the master degree at the professional level.

Careers

An acute shortage of software trained IT specialists means graduates have excellent career prospects both in Australia and internationally. Graduates may work in diverse roles including: analyst programmer, architect, business analyst, computer operator, consultant/functional consultant, database developer and administrator, software network engineer, software engineer, help desk/support, internet/multimedia developer management, network and systems, product management, project management, QA/testers, sales—pre and post, security, team leaders and technical writers.

Enterprise architecture

MC152 *Master of Technology (Enterprise Architecture)*

CRICOS code: 055773M

Duration: 1.5 years

City campus

The *Master of Technology (Enterprise Architecture)* is a high-level IT postgraduate program designed for Information and Communication Technology (ICT) professionals looking to take on the role of the enterprise architect. It integrates both business and technical IT knowledge and includes courses in: systems architecture, enterprise architecture, IT governance and change, and enterprise architecture case studies.

Enterprise architecture is the strategy-driven framework which integrates the application and use of technology with business objectives, providing organisational improvement by delivering business-aligned information systems. The role of the enterprise architect is to align ICT with business goals to enable the most effective use of ICT to both support and grow an organisation.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Program structure

Foundation courses

- » Database Concepts
- » IT Strategy
- » Java for Programmers
- » Software Engineering Fundamentals

Elective courses

- » Business Background
- » Corporate Finance
- » Document Markup Languages
- » e-Business Models and Trends
- » Electronic Commerce and Enterprise Systems
- » Internet and Intranet Document Engineering
- » IT Industry
- » IT Project Management
- » Secure Electronic Commerce
- » Software Engineering of Large Scale Systems
- » Software Reuse
- » Software Testing
- » Usability Analysis
- » Usability Engineering
- » Web Development Technologies
- » Web Services

Key Courses

- » Enterprise Architecture
- » Enterprise Architecture Case Studies
- » IT Governance and Change Management
- » Software Requirements Engineering
- » Systems Architecture

www.rmit.edu.au/programs/mc152

Teaching methods

Across the degree students will complete a Project or Minor Thesis under the supervision of an experienced supervisor.

Assessment

Examinations and practical assignments, team-based case studies, online quizzes and reports.

Academic entrance requirements

Students should have a tertiary qualification in computer science, information technology or software engineering with at least three years experience as a software systems analyst or developer, and/or experience in a lead role designing and implementing major IT systems for business.

Applicants without a relevant degree must have at least four years experience as a software systems analyst, designer, architect, and/or project manager. All applicants will be interviewed as part of the selection process, to ascertain the relevance of their work experience.

Advanced standing

In select cases exemptions will be available if students have acquired work-based knowledge that is considered equivalent to core courses. Students may be eligible to substitute core courses with elective courses if they have the required background.

Professional recognition

Graduates are granted professional level accreditation from the Australian Computer Society.

Careers

Australian IT solution providers indicate there is strong demand for qualified enterprise architects. Graduates of the program will be able to:

- » design cost-effective enterprise ICT architecture with an understanding of business strategy
- » develop and maintain an enterprise architecture, taking into account strategic plans and key business and ICT drivers and technologies
- » communicate and oversee implementation of an enterprise architecture to the organisation
- » develop the governance required for successful enterprise architecture development and adoption.

Information security and assurance

GD162 Graduate Diploma in Information Assurance

CRICOS code: 055525E

Duration: 1 year

MC159 Master of Applied Science (Information Security and Assurance)

CRICOS code: 055526D

Duration: 2 years

City campus

Information security and assurance form a vital part of organisational responsibilities. In today's networked world it is more relevant than ever. From the latest internet worm, to identity theft, the danger is no more than a mouse click away. The graduate diploma is suited to those interested in the role of a systems administrator and/or a risk analysis consultant. The detailed approach of the master is aimed at information security managers, providing the principles underlying the components of information security systems, and to technical specialists who are interested in the implementation or critical evaluation of information security systems.

Students will learn about wireless LAN security, the Advanced Encryption Standard, RSA, elliptic curve cryptography, smartcards, biometrics and information systems risk management. There are opportunities for internships in the information security industry for the students of the master degree.

Program structure

Stage A *Credit points*

- » Case Studies in Information Security 12
- » Introduction to Information Security 12
- » Discrete Mathematics 12

Select one course

- » Introduction to Programming 12
- » Java for Programmers 12
- » Programming Techniques 12
- » Web Servers and Web Technology 12

Stage B

- » Coding for Reliable Communications 12
- » Information Systems Risk Management 12

Stage C

- » Cryptography and Security 12
- » Industry Awareness Project 12

Stage D

- » Advanced Topics in Cryptography 12
- » Industry Linkage Project 12

Electives

Two electives are required at each of Stages B, C and D, these include:

- » Information Theory for Secure Communications 12
- » Smartcard Cryptosystems 12
- » Practical Security 12
- » Computer and Internet Forensics 12
- » Data Communication and Net-centric Computing 12
- » Database Concept 12
- » Information Systems Security 12
- » IT Strategy 12
- » Network Security 12
- » Secure Electronic Commerce 12

www.rmit.edu.au/programs/mc159

Academic entrance requirements

A bachelor degree in a scientific or technical field or equivalent is required. Industrial experience can be substituted for this, which is assessed on a case-by-case basis.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Students are not required to have private access to a PC, but will find it extremely useful. Please contact RMIT's School of Mathematical and Geospatial Sciences for details.

Tel. + 61 3 9925 2283

Email: smgs@rmit.edu.au

www.rmit.edu.au/mathsgeo/contacts

Advanced standing

Students with relevant qualifications and work experience can receive recognition of current competencies by gaining exemption from some courses. This is assessed on a case-by-case basis.

Professional recognition

The graduate diploma and the master are accredited by the Australian Computer Society.

Careers

Graduates will fulfill both technical and business roles in the information security industry. Graduates can also fulfill consulting roles in the IT industry in a risk management setting. Master graduates will be technical specialists in the design provision and evaluation of information security systems and services.

Information technology

GC038 Graduate Certificate in Information Technology

CRICOS code: 047250E

Duration: 0.5 year

GD057 Graduate Diploma in Information Technology

CRICOS code: 036096A

Duration: 1 year

MC061 Master of Information Technology

CRICOS code: 065135C

Duration: 1.5 years

City campus

The fundamental aim (or philosophy) of the information technology programs is to ensure students are exposed to the theory and practical approaches relevant to the challenges facing the software industry. Every effort is made to ensure hands-on experience and industry related issues are explored. The Computer Science and IT Industry Advisory Committee, who represent organisations including IBM, InfoSys, Dimension Data, the Marlo Group, and Agilent Technologies, support this guiding principle.

The programs are designed for computing and IT graduates who wish to grow/develop software skills and problem solving. The programs encourage students to study future technologies and challenges students to become innovative thinkers.

This software-oriented master program provides in-depth study in at least one area of specialisation. These areas are aligned with RMIT's School of Computer Science and Information Technology's research and include advanced databases, bioinformatics, computer security, intelligent systems, networked and distributed systems, search engines, software engineering and web-based computing. Students may also undertake elective courses or minor thesis.

Students who are unsure if their prior degree and/or experience has provided them with comprehensive and practically focused skills are advised to consider the *Master of Computing*, *Master of Technology (Internet and Web Computing)* or *Master of Computer Science* degrees.

Program structure

In general master students complete a total of 12 courses.

The following are example courses offered.

- » Accounting for Management Decisions
- » Advanced Client/Server Architectures
- » Advanced Distributed Systems
- » Advanced Topics in Bioinformatics
- » Agent Oriented Programming and Design
- » Analysis of Medical Data
- » Bioinformatics
- » Computer and Internet Forensics
- » Corporate Finance
- » Cryptography and Security
- » E-Business Supply Chains
- » Economic Analysis for Business
- » Enterprise Architecture
- » Evolutionary Computing
- » Financial Statement Analysis
- » Foundations of Distributed Computing
- » Information Retrieval
- » Intelligent Agents and Agent Oriented Systems
- » Intelligent Web Systems
- » Internet and Intranet Document Engineering
- » Introduction to Computational Biology
- » Knowledge and Data Warehousing.

www.rmit.edu.au/programs/mc061

Teaching methods

Face-to-face lectures, tutorials, and laboratories are supported by an online learning system.

Assessment

Examinations and practical assignments, online quizzes and reports.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Students are not required to have private access to a PC, but will find it extremely useful. Please contact RMIT's School of Computer Science and Information Technology for details.

Tel. +61 3 9925 2348

Email: csit@rmit.edu.au

www.rmit.edu.au/compsci

Academic entrance requirements

Applicants are expected to have completed:

- » an undergraduate computer science degree
- » a software-oriented computer engineering degree or
- » a software-oriented graduate diploma program with at least a credit average.

Courses assume a deep knowledge of Java, some also require C.

Advanced standing

Advanced standing may be available for those who have completed equivalent recognised courses in postgraduate or honours programs. Students who completed a good minor thesis are eligible to apply for direct entry into a PhD program in computer science.

Professional recognition

Graduates are granted professional level accreditation from the Australian Computer Society.

Careers

Graduates are highly sought after as credentialed specialists in critical areas of software development, paving the way for promotion to careers which move through the technical spectrum of IT through to the management of software projects and up to the position of chief technical officer of an organisation.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Internet and web computing

GD059 Graduate Diploma in Internet and Web Computing

CRICOS code: 034899D

Duration: 1 year

MC063 Master of Technology (Internet and Web Computing)

CRICOS code: 034900E

Duration: 1.5 years

City campus

The internet and world wide web are now part of everyday life. Few businesses or enterprises can afford to ignore the transition to web-enabled business models and e-commerce systems. The programs serve two purposes: to provide hands-on, industry relevant, web-oriented software skills to non-IT professionals; and to modernise an existing IT professional's skill base.

There are three components of the master degree: the first is the study of four core courses, which comprise the graduate certificate; the second extends by a further four courses to a graduate diploma, and comprises of web-oriented elective courses; the final component, which completes the master with the addition of four courses, includes specialist postgraduate level web electives at the cutting edge of research and development.

An emphasis is placed on developing graduates who are life-long learners in this dynamic field.

Program structure

Core courses

- » Database Concepts
- » Introduction to Programming
- » Java for Programmers
- » Web Programming
- » Web Servers and Web Technology

Electives courses

- » Broadcast Networks and Applications
- » Data Communications and Net-Centric Computing
- » Database Administration
- » Digital Media Computing
- » Document Markup Languages
- » Electronic Commerce and Enterprise Systems
- » Internet Industry Project
- » Mobile Application Development
- » Scripting Language Programming
- » Software Architecture: Design and Implementation
- » Software Engineering Fundamentals
- » Software Engineering Process and Tools
- » Unix Essentials
- » Usability Analysis
- » Web Database Applications
- » Web Development Technologies
- » Windows Systems Administration

Specialist courses

- » Computer and Internet Forensics
- » Intelligent Web Systems
- » Internet and Intranet Document Engineering
- » Mobile and Wireless Computing
- » Network Security
- » Secure Electronic Commerce
- » Secure Programming Environments
- » Web Services

www.rmit.edu.au/programs/mc063

Teaching methods

Face-to-face lectures, tutorials, and laboratory sessions supported by an online learning system.

Assessment

Examinations, practical assignments, online quizzes and reports.

Academic entrance requirements

Applicants are expected to have good grades (credit average) in any prior undergraduate degree or graduate diploma. Professional experience is not mandatory. The degree or graduate diploma need not be in computing. Students with skills in problem solving and/or mathematics and clear thinking are encouraged to apply. Applicants without formal qualifications but who have significant extensive industry experience may also apply.

Advanced standing

Students with IT qualifications or significant relevant work experience can apply for course exemptions upon application and may be required to sit a challenge test.

There may be a AU\$110 fee if a student seeks an exemption at enrolment and is required to take a challenge test. Please contact RMIT's School of Computer Science and Information Technology for details.

Tel. +61 3 9925 2348

Email: csit@rmit.edu.au

www.rmit.edu.au/compsci

Professional recognition

The Australian Computer Society accredits the master degree at the professional level.

Careers

Graduates may work in diverse fields including web site development and maintenance, e-commerce applications, web databases, web server technology, mobile phone applications and the booming internet games industry.

Computer science

MR047 *Master of Computer Science*

CRICOS code: 065938A

Duration: 2 years

DR089 *Doctor of Philosophy (Computer Science)*

CRICOS code: 065728M

Duration: 4 years

City campus

These programs involve research into a specific area of computer science, such as data engineering, software engineering, distributed systems and networks, and intelligent systems. Students who have not published academic papers or written an honours or minor thesis undertake the *Graduate Certificate in Computer Science Research* as a preliminary step for admission to the master and PhD research programs. The development of in-depth knowledge demands a good standard of organisation and academic achievement. Students are expected to put forward their original ideas and support them with evidence. Completion involves submitting a thesis of publishable quality for critical review by a panel of experts in the field of study.

Program structure

www.rmit.edu.au/programs/dr089

Entrance requirements

English language

One of the following:

- » IELTS—6.5+ (Listening: 6.5; Reading: 6.5; Writing: 7; Speaking: 6)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

Applicants must have at least four years of full-time equivalent tertiary education, with a strong computing background, and consistently high grades (a GPA of 3.5 or above out of 4 for a PhD program, and a GPA of 3.0 or above out of 4 for a master program). Students who excel in their master program may apply to convert their studies into the PhD program.

Applicants must also have research experience, preferably (but not necessarily) in computer science. Such research experience is normally gained from having undertaken an honours degree or a research thesis in a master by coursework program.

All applications are assessed individually, and applicants may be interviewed in-person, by telephone, or by email.

A common pathway to the PhD is to enter directly after achieving a high grade in a computer science (honours) degree or *Graduate Certificate in Computer Science Research*, or to enrol for a master by research, make good progress, and then convert to a PhD.

Applicants without research experience are advised to apply for the *Graduate Certificate in Computer Science Research* (RMIT program code: GC110) first.

Careers

Many graduates find senior positions in industry. Job prospects in universities are very good.

Engineering and Sciences

Aircraft maintenance management

GC133 Graduate Certificate in Aircraft Maintenance Management

CRICOS code: 061262F

Duration: 0.5 year

City campus

The *Graduate Certificate in Aircraft Maintenance Management* focuses on specialised aircraft maintenance function. It is designed for both local and international students who require a postgraduate qualification in maintenance management systems. This program integrates the human factor and threat and error management issues into the technical aspects. The maintenance and repair organisation sector is a complex one that includes both in-house and outsourced operations. As operations increase in complexity, aircraft systems increase in sophistication, modularisation and diagnostic complexity, and technical/functional skills have become threshold skills. As a result, individuals now need better supervisory and management skills.

The program aims to:

- » develop current and future practitioners starting as maintenance engineers and advancing their careers to supervisory and management roles within the technical/functional area of the organisation, thus ensuring the professional recognition of their role within the industry, and their value to the organisation
- » satisfy the increasing process management and leadership requirements of the aviation technology sector
- » promote a consistent approach to the maintenance of appropriate levels of safety in the management of the interface between technical and human systems.

This program includes learning outcomes that guide the development of knowledge and skills to deal with organisational change aimed at establishing a culture of safety. This meets the stated needs of airlines as they manage their fleet and its maintenance.

Program structure

Core aviation generalist	Credit points
» Aerospace Industry Infrastructure	12
» Aviation Safety Systems	12
<i>Select two electives</i>	
» Aircraft Maintenance Management	12
» Aviation Systems Analysis for Maintenance	12
» Maintenance Management: The Regulatory Environment	12
» Project Management for Aviation Operations	12

www.rmit.edu.au/programs/gc133

Teaching methods

Teaching consists of a mix of master classes and workshops, online support and interactive project teams using a variety of tools.

Academic entrance requirements

A bachelor degree and a minimum of two years of relevant work experience, or significant industry experience, including evidence of further professional development through in-house or externally run training.

All applicants should supply a brief personal statement indicating their reasons for undertaking such a program

Applicants not meeting the above criteria will be considered on an individual basis after personal interview (face-to-face or electronically) with the program coordinator.

Pathways

The *Graduate Certificate in Aircraft Maintenance Management* is a specialist program allowing for articulation into the *Master of Aviation Industry Management*.

Careers

Graduates will be competitively positioned for advancement within aerospace manufacturers (e.g. Airbus, Bombardier, British Aerospace, Rolls-Royce, Boeing, Pratt & Whitney), airlines and maintenance and repair organisations (MRO), within a regional and global situation.

Aviation industry management

GC026 Graduate Certificate in Aviation Industry Management

CRICOS code: 061667G

Duration: 0.5 year

GD042 Graduate Diploma in Aviation Industry Management

CRICOS code: 061668F

Duration: 1 year

MC045 Master of Aviation Industry Management

CRICOS code: 061669E

Duration: 1.5 years

City campus

Aviation is a dynamic international industry. There is a world-wide industry trend that indicates the need for aviation managers with higher-level qualifications to function effectively in this highly competitive field. In recognition of the industry's need for management training, RMIT offers the *Master of Aviation Industry Management* program with a special focus on the aviation industry. This is an international program, and includes partnerships with airlines, airports, MROs, freight organisations and other educational institutions in four countries.

Program objectives

The aviation industry management programs aim to apply modern management techniques to the air transport industry. They cater for those from industry needing enhanced skills and knowledge for advanced management positions, and recent graduates intending to make a career in the air transport industry. Care has been taken to reflect the international nature of the air transport and air operations business by ensuring the programs have relevance to students from all parts of the world.

Benefits of the program are:

- » A relevant introduction to air transport for recent graduates.
- » Training for those with managerial potential.
- » An opportunity to enter the civil air transport business for those changing career paths.
- » An industry-driven program linking current practice with theoretical models for an integrated practitioner approach for those advancing their careers.

Program structure

Graduate certificate	Credit points
» Core Aviation Generalist Units	24
» Core Business Foundation Unit	12
» Elective	12
Additional courses to be completed for the graduate diploma	
» Core Aviation Generalist Unit	12
» Core Business Foundation Units	24
» Elective	12
Additional courses to be completed for the master	
» Aviation Research Project	24
» Core Business Foundation Unit	12
» Elective	12

www.rmit.edu.au/programs/mc045

Academic entrance requirements

Applicants are required to have a bachelor degree.

Alternatively, candidates without a first degree but with a significant technical background (e.g. ATPL, LAME or ATC) and work experience will be considered on a case-by-case basis.

Advanced standing

Applicants with appropriate prior studies and experience may be eligible for admission with advanced standing. Each case will be different and applicants should discuss their prior educational and work experience details with the program coordinator to determine the amount of credit that can be appropriately given that might go into all the aviation programs.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Aerospace, Mechanical and Manufacturing Engineering for details.
Tel. + 61 3 9925 8053

www.rmit.edu.au/aeromecheng

Careers

The *Master of Aviation Industry Management* is relevant to individuals making a mid-career transfer to management from operations or engineering professional streams in the aviation industry. It is also relevant to professional managers wishing to transfer into the aviation sector. It offers graduates the opportunity to transfer up into operational or strategic managerial positions.

Aviation safety and risk management

GC113 Graduate Certificate in Aviation Safety and Risk Management

CRICOS code: 060518F

Duration: 0.5 year

City campus

The issue of aviation safety is a global one that is increasing in urgency. The introduction of new, stringent requirements for the implementation of safety management systems by the International Civil Aviation Organisation (ICAO) and national regulators (CASA and CAA NZ), combined with the increasing requirements for corporate governance, means the field is one of the most rapidly growing disciplines in the industry.

RMIT's *Graduate Certificate in Aviation Safety and Risk Management* focuses on this specialised sector of the aviation industry. Designed for individuals currently working within the industry (airlines, airports, and defence logistics), the program aims to produce graduates equipped to meet the growing needs of aviation safety and risk management.

Program structure

Part A	Credit points
» Aerospace Industry Infrastructure	12
» Aviation Safety Systems	12
» Two Electives	24
Electives	
» Aviation Risk Management	12
» Human Factors in Aviation Safety	12
» Implementing and Managing Airport Security	12
» Incident and Accident Investigation	12

www.rmit.edu.au/programs/gc113

Teaching methods

Teaching consists of a mix of master classes and workshops, online support and interactive project teams using a variety of tools.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Aerospace, Mechanical and Manufacturing Engineering for details.

Tel. + 61 3 9925 8053

www.rmit.edu.au/aeromecheng

Academic entrance requirements

Selection will be based on bachelor degree performance/prior qualifications or industry experience. Selection criteria will include a personal statement indicating your reasons for undertaking this program.

Pathways

The *Graduate Certificate in Aviation Safety and Risk Management* is a specialist program allowing for articulation into the *Master of Aviation Industry Management*.

Careers

Graduates will be competitively positioned for advancement as safety managers or in safety-related fields (e.g. safety auditors, safety trainers, consultants or developers of safety systems).

Aviation supply chain management

GC132 Graduate Certificate in Aviation Supply Chain Management

CRICOS code: 061261G

Duration: 0.5 year

City campus

The *Graduate Certificate in Aviation Supply Chain Management* focuses on the specialised sector of the aviation industry that relates to the development and maintenance of dynamic transport infrastructures. Picking up where land and sea logistics drops off, it deals with freight forwarders, free trade zones and movement of parts for maintenance repair organisations.

Developed to enhance the capabilities of those working in the sector, it provides a firm grounding in transport policy, planning and business management.

Designed for current and future practitioners involved in air freight management or air logistics operations, the program provides a professional career pathway in the specialised sector of the aviation transport field.

Program structure

Core aviation generalist	Credit points
» Aerospace Industry Infrastructure	12
» Aviation Safety Systems	12
<i>Select two electives</i>	
» Aviation Supply and Demand Interfaces	12
» Aviation Supply Chain Strategic Management and Policy Development	12
» Aviation Supply Chain Support Structures	12
» Integrated Logistics Support Management	12

www.rmit.edu.au/programs/gc132

Teaching methods

Teaching consists of a mix of master classes and workshops, online support and interactive project teams using a variety of tools.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Academic entrance requirements

A bachelor degree or significant industry experience, including evidence of further professional development through in-house or externally run training.

Applicants should also supply a brief personal statement indicating their reasons for undertaking such a program.

Applicants not meeting the above criteria will be considered on an individual basis after personal interview (face-to-face or electronically) with the program coordinator.

Pathways

The *Graduate Certificate in Aviation Supply Chain Management* is a specialist program allowing for articulation into the *Master of Aviation Industry Management*.

Careers

Graduates will be competitively positioned for advancement within aerospace manufacturers (e.g. Airbus, Bombardier, British Aerospace, Rolls-Royce, Boeing, Pratt & Whitney), airport authorities, free trade zones, maintenance and repair organisations (MRO), air parcel carriers, consultancy firms and organisations dealing with aviation insurance and finance.

Bioinformatics

GC118 Graduate Certificate in Bioinformatics

CRICOS code: 055802M

Duration: 0.5 year

GD152 Graduate Diploma in Bioinformatics

CRICOS code: 055803K

Duration: 1 year

City campus

The *Graduate Diploma in Bioinformatics* links studies in cell and molecular sciences with studies in computing science. The program is designed to prepare students to work in the complementary discipline areas of gene, protein and cell technologies, computing science and informatics. The program also offers an opportunity to undertake some business management.

Courses are presented by RMIT staff and external experts from research, biotechnology and information technology organisations. Strong industry participation ensures the program is responsive to the rapidly developing technology environment. The program is designed for individuals working in biotechnology, life sciences, the computing industry or related industries who wish to broaden or upgrade their scientific, computing and informatics skills and acquire some management skills.

Program structure

Year one

Credit points

» Bioinformatics	12
» Computational Biology	12
<i>Select a minimum of 24 credit points</i>	
» Advanced Topics in Bioinformatics	12
» Analysis of Medical Data	12
» Database Concepts	12
» Introduction to Programming	12
» Programming Techniques	12
» Any approved Computer Science or Mathematics and Statistics Elective	12
<i>Select a maximum of 48 credit points</i>	
» Advanced Immunology	12
» Biopharmaceuticals (Drug Development)	12
» Biotechnology: Project Management	12
» Biotechnology: Regulation and Business Law	12
» Cell Technologies	12
» Diagnostics and Biotherapies	12
» Gene Technologies	12
» Management of Intellectual Assets	12
» Protein Technologies	12
» Any other approved Biotechnology Science Elective	12

www.rmit.edu.au/programs/gd152

Teaching methods

The program is presented as formal lectures, seminars and laboratory workshops with online support.

Academic entrance requirements

Prospective students will have a degree in the sciences or a related area and good oral and written communication skills. Selection will be based on qualifications, experience and interview.

Pathways

Students may proceed to research degrees in biological sciences or computing or to degrees in business administration (technology management).

Careers

Graduates of this program will be equipped to work in the complementary areas of gene, protein and cell technologies, computing science and informatics.

Biomolecular technologies

GC117 Graduate Certificate in Biomolecular Technologies

CRICOS code: 055800B

Duration: 0.5 year

GD151 Graduate Diploma in Biomolecular Technologies

CRICOS code: 055801A

Duration: 1 year

City campus

The *Graduate Diploma in Biomolecular Technologies* integrates studies in molecular, cell and computing sciences. Interdisciplinary technologies are vital to research and development in the areas of human and animal therapeutics, foods and feeds, agricultural production and bionanotechnology. Exciting and challenging developments in the high technology molecular sciences are occurring at the interfaces of traditional discipline areas where new discoveries are made by multidisciplinary collaborations.

The programs are aimed at individuals working in biotechnology, life sciences, the computing industry or related industries who wish to broaden or upgrade their scientific skills and acquire some management skills.

Courses are presented by RMIT staff and by external experts from research, biotechnology and information technology organisations. Strong industry participation ensures the programs are responsive to the rapidly developing technology environment.

Program structure

Year one

Credit points

Select a minimum of 36 credit points

» Advanced Immunology	12
» Cell Technologies	12
» Gene Technologies	12
» Protein Technologies	12

Select a minimum of 12 credit points

» Biopharmaceuticals (Drug Development)	12
» Diagnostics and Biotherapies	12
» An approved Biotechnology Science Elective	12

Select a minimum of 12 credit points

» Advanced Topics in Bioinformatics	12
» Analysis of Medical Data	12
» Bioinformatics	12
» Computational Biology	12
» Database Concepts	12
» Introduction to Programming	12
» Programming Techniques	12
» An approved Computer Science or Mathematics and Statistics Elective	12

Select a minimum of 12 credit points

- » Biotechnology: Project Management 12
- » Biotechnology: Regulation and Business Law 12
- » Management of Intellectual Assets 12

www.rmit.edu.au/programs/gd151

Teaching methods

The programs are presented as formal lectures, seminars and laboratory workshops with online support.

Academic entrance requirements

Prospective students will have a degree in science or a related area and good oral and written communication skills. Selection will be based on qualifications, experience and interview.

Careers

Graduates are prepared for multidisciplinary work in molecular and cell technologies and bionanotechnology in biotechnology organisations in the public and private sectors.

Electronic engineering

GC025 Graduate Certificate in Electronic Engineering

CRICOS code: 025454G

Duration: 0.5 year

GD041 Graduate Diploma in Electronic Engineering

CRICOS code: 025455G

Duration: 1 year

MC043 Master of Engineering (Electronic Engineering)

CRICOS code: 025456F

Duration: 1.5 years

City campus

The electronic engineering programs are aimed at science or engineering graduates in electronic, telecommunications, computer or electrical disciplines who wish to acquire specialised knowledge of advancements in the fields of electronic engineering. Particular attention is paid to the professional development of students in terms of technical, personal and business skills.

As a result, graduates are well equipped for leadership roles in business and industry. Qualified technologists with relevant industrial experience are encouraged to apply.

Program structure

Year one

- | | <i>Credit points</i> |
|------------------------------------------------------------------|----------------------|
| » Circuit and System Simulation | 12 |
| » Electronic Devices; Physics, Design and Simulation | 12 |
| » Electronic Materials | 12 |
| » Introduction to Semiconductor Device Fabrication | 12 |
| » Select 48 credit points from list one or any approved elective | 48 |

Year two

- | | |
|-------------------------------------------------------------------------------|----|
| » Research Project or | 48 |
| » Select 48 credit points from list one (only courses not previously studied) | 48 |

List one

- | | |
|-----------------------------------------------------|----|
| » Advanced Control Systems | 12 |
| » Audio Engineering | 12 |
| » Bioelectromagnetism | 12 |
| » Digital Signal Processing | 12 |
| » Electronic Manufacturing | 12 |
| » Introduction to Microsystems Technology | 12 |
| » Medical Engineering and Instrumentation PG | 12 |
| » Microwave Circuits | 12 |
| » Network Engineering | 12 |
| » Project Preparation, Planning and Problem Solving | 12 |
| » Real Time Estimation and Control | 12 |
| » Sensors and Actuators | 12 |
| » Signal Processing for Multimedia and Telemedicine | 12 |

www.rmit.edu.au/programs/mc043

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Electrical and Computer Engineering for details.

Tel. + 61 3 9925 2090

Email: sece@rmit.edu.au

www.rmit.edu.au/eleceng

Academic entrance requirements

Applicants should have:

- » a recognised bachelor degree in electrical, electronic, communication or computer engineering; or
- » evidence of successful completion of a post-matriculation diploma program of at least three years duration; or
- » a combination of academic qualifications and work experience equivalent to the above requirements.

Advanced standing

Advanced standing can be granted for applicants with an appropriate postgraduate certificate, diploma, or other relevant qualification. This will be considered on an individual basis.

Professional recognition

This qualification is a postgraduate specialist study on top of a base qualification. It is not a requirement for membership of the Institution of Engineers Australia.

Careers

Graduates will have extensive knowledge and skills in electronic technologies. They will have further developed effective oral and written communication skills, teamwork skills, business and management skills.

In the private sector, graduates may work in the design, manufacture and supply of electronic products, systems and services. Their roles may span from technical experts, technical or business managers, to executive officers. Graduates may establish their own business operating in the local and international electronic market. In the public sector, they provide the community with essential services in areas such as telecommunications, transportation, security, defence, health, emergency services and the environment. Graduates may also undertake further studies in research and development.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Electrical engineering

GC142 Graduate Certificate in Electrical Engineering

CRICOS code: 068162J

Duration: 0.5 year

GD173 Graduate Diploma in Electrical Engineering

CRICOS code: 068163G

Duration: 1 year

MC176 Master of Engineering (Electrical Engineering)

CRICOS code: 068164G

Duration: 1.5 years

City campus

The power engineering and energy industry sectors worldwide are experiencing steady growth. The *Master of Engineering (Electrical Engineering)* is aimed at graduates wishing to acquire specialised knowledge and the latest advancements in the fields of power engineering.

The core subjects focus on the areas of advanced power engineering, renewable energy, power electronics, high voltage systems and advanced control systems. This program will provide an attractive pathway for electrical engineering graduates as well as graduates from other disciplines who wish to join the power engineering and energy sectors.

Program structure

The master program consists of 144 credit points. The graduate diploma consists of 96 credit points and the graduate certificate consists of 48 credit points.

The following is an example of courses offered.

Year one	Credit points
» Renewable Electrical Energy Systems	12
» Power Engineering II	12
» Power Electronics and Electromagnetic Compatibility	12
» Advanced Control Systems	12
» Select 48 credit points from list one or any approved elective (only courses not previously studied)	48
Year two	
» Research Project	48
Or	
» Select 48 credit points from list one (only courses not previously studied)	48
List one	
» Digital Signal Processing	12
» Variable Speed Drives	12
» Power System Analysis and Control	12
» Real Time Estimation and Control	12
» Network Engineering	12
» Intelligent Systems	12

www.rmit.edu.au/programs/mc176

Teaching methods

Teaching consists of a mix of classes and workshops, online support and interactive project teams using a variety of tools.

Academic entrance requirements

Applicants should have:

- » a recognised bachelor degree in electrical, electronic, communication or computer engineering; or
- » evidence of successful completion of a post-matriculation diploma program of at least three years duration; or
- » a combination of academic qualifications and work experience equivalent to the above requirements.

Pathways

Advanced standing can be granted for applicants with an appropriate postgraduate diploma or other relevant graduate qualification. This will be considered on an individual basis.

Careers

Graduates from this program will be able to enjoy a strong employment market in the field of power engineering due to rapid development in the smart grid technology and renewable energy sector. Graduates will acquire leading edge knowledge and skills in power engineering. They will have further developed effective oral and written communication skills, teamwork skills, business and management skills. This ensures they are well prepared for career advancement and leadership roles in the power industry.

Engineering management

GC034 Graduate Certificate in Engineering Management

CRICOS code: 024383D

Duration: 0.5 year

GD049 Graduate Diploma in Engineering Management

CRICOS code: 029677E

Duration: 1 year

MC052 Master of Engineering (Management)

CRICOS code: 024382E

Duration: 1.5 years

City campus

The *Master of Engineering (Management)* program aims to prepare graduates for leadership roles in the management of engineering and technology-based organisations. The program is tailored to individual needs, allowing students to develop skills and expertise in a broad range of engineering management practices.

Students can focus their studies in the following areas: technology management, environmental management, performance management, risk management, engineering economic strategy, international engineering management, project management, quality management, logistics management, and systems engineering. Specialisations from other areas within RMIT are also available.

The program's major strengths come from a focus on: thinking strategically; addressing problems from a new point of view; challenging established practices and norms; developing innovative approaches; understanding how to manage an ever-changing technology base; and developing a systems approach to problem and/or opportunity definition.

Students develop an understanding of the many facets of contemporary engineering management and the impact of new technology and technological change on engineering and technology-based organisations.

The program exposes students to real-world issues in the areas of: risk and feasibility; managing innovation; developing systems thinking approaches; quality management; environmental management systems; cleaner production; strategic planning; financial management; performance management; international issues; and technology management.

Program structure

Graduate certificate Credit points

» Building Quality Organisations	12
» Industrial Systems and Environment	12
» Management of Technology	12
» Elective (see list below)	12

Additional courses to be completed for the **graduate diploma**

» Engineering Economic Strategy	12
» Risk Management and Feasibility	12
» Two Electives (see list below)	24

Additional courses to be completed for the **master**

» Engineering Management Project	12
» Engineering Management Thesis	12
» Research Investigation and Analysis	12
» Elective (see list below)	12

Electives list

» International Engineering Management	12
» Introduction to Project Management	12
» Measurement and Improvement	12
» Performance Management Foundations	12
» Planning and Control	12
» Quality Systems	12
» Variation and Change	12

www.rmit.edu.au/programs/mc052

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Aerospace, Mechanical and Manufacturing Engineering for details.

Tel. + 61 3 9925 8053

www.rmit.edu.au/aeromecheng

Academic entrance requirements

Direct entry to the *Master of Engineering (Management)* or *Graduate Diploma in Engineering Management* normally requires a relevant undergraduate degree. Entry to the graduate certificate may be considered for those who lack the academic qualifications but have significant work and professional experience. Successful completion of the graduate certificate may qualify a student to proceed to the *Graduate Diploma in Engineering Management* and *Master of Engineering (Management)*.

Advanced standing

Advanced entry into the master program may be given on the basis of significant industry experience and relevant postgraduate studies.

Careers

The program is intended to prepare individuals who will assume management responsibilities in engineering and technology-based enterprises and organisations.

Geospatial information

GD054 *Graduate Diploma in Geospatial Information*

CRICOS code: 006608G

Duration: 1 year

MC058 *Master of Applied Science (Geospatial Information)*

CRICOS code: 023208E

Duration: 1.5 years

City campus

These programs are designed for professionals who want to build their skills in working with geospatial data. They provide a range of specialist elective streams in the areas of environmental studies, geographic information systems, remote sensing, satellite positioning, multimedia cartography and computer science. Background studies in software techniques and applications, computer mapping and land development are also available.

The graduate diploma program is designed for people who want to acquire skills in using and applying geospatial technologies, including the spatial technologies of remote sensing, geographic information systems, and global positioning systems. In addition, the program includes studies in environmental management, natural resource management and geography to support these technological skills.

The *Master of Applied Science (Geospatial Information)* is designed for individuals who have achieved good results in their undergraduate studies and/or have worked in a related industry for three or more years. The coursework component is common to the *Graduate Diploma in Geospatial Information*, but as well as completing additional coursework studies, students are expected to complete a minor dissertation.

Program structure

Year one	Credit points
» GIS Fundamentals	12
» Research Methods	12
» Any two approved postgraduate courses	24
<i>Select 48 credit points</i>	
» Geography 1b	12
» GIS Applications	12
» GIS Principles	12
» Multimedia Cartography	12
» Remote Sensing	12
» Resource Management 1	12
» Resource Management 2	12
» Satellite Positioning	12
» Multivariate Analysis	12

Year two

<i>Select 48 credit points</i>	
» Dissertation	48
» Dissertation Part A (Preparation)	24
» Dissertation Part B (Implementation)	24

www.rmit.edu.au/programs/mc058

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Mathematical and Geospatial Sciences for details.

Tel. + 61 3 9925 2283

Email: smgs@rmit.edu.au

www.rmit.edu.au/mathsgeo/contacts

Academic entrance requirements

Entry requires an approved degree or graduate diploma; a willingness to assist fellow students in the programs by the active use or sharing of knowledge; support of the employer (if appropriate) to attend lectures and/or tutorials and to participate in any other planned activities related to the program; and a preparedness to take responsibility for one's own learning.

Pathways

Holders of the *Graduate Diploma in Geospatial Information* may be considered for entry with advanced standing into the master program.

Careers

The programs are designed for professionally qualified groups such as foresters, agricultural and environmental scientists, surveyors, cartographers, engineers, computer scientists, geologists, geographers and planners engaged at all levels of land data management. Graduates of the program are qualified as specialists, able to be actively involved in the capture, storage, manipulation and presentation of geospatial information.

Integrated logistics management

GC075 *Graduate Certificate in Integrated Logistics Management*

CRICOS code: 060677B

Duration: 0.5 year

GD051 *Graduate Diploma in Integrated Logistics Management*

CRICOS code: 060678A

Duration: 1 year

MC054 *Master of Engineering (Integrated Logistics Management)*

CRICOS code: 022248E

Duration: 1.5 years

City campus

The integrated logistics management programs equip students with the knowledge and skills needed to master the modern integrated logistics environment and operate successfully in it. The *Master of Engineering (Integrated Logistics Management)* provides a postgraduate, vocationally-oriented program for practising managers in the field of integrated logistics management.

In combining elements of the programs presented by the Business School of Marketing and RMIT's School of Aerospace, Mechanical and Manufacturing Engineering, RMIT has identified a logistics management and systems engineering approach that matches the needs of military organisations, defence-related industries and capital intensive industries.

The coursework and the major research project give both depth and breadth towards studies. Each stage of study is provided with flexible delivery modes to combine continuing education with the students' busy work schedules.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Program structure**Graduate certificate** *Credit points*

Select 48 credit points

» Building Quality Organisations	12
» Integrated Logistics Support Management	12
» Logistics Systems	12
» Project Management	12
» Supply Chain Principles	12

Additional courses to be completed for the **graduate diploma**

» E-Business Supply Chains	12
» Engineering Economic Strategy	12

Select 24 credit points

» Accounting for Management Decisions	12
» Logistics Engineering and Systems	12
» Risk and Technology Decisions	12
» Transport and Physical Distribution	24

Additional courses to be completed for the **master**

» Research Project	24
--------------------	----

Select 24 credit points

» International Logistics	12
» Leadership and Change Management	12
» Product and Processes Re-engineering	12
» Research Investigations and Analysis	12

www.rmit.edu.au/programs/mc054**Academic entrance requirements**Direct entry to the *Master of Engineering* requires any bachelor degree or equivalent.**Additional costs**

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Aerospace, Mechanical and Manufacturing Engineering for details.

Tel. + 61 3 9925 8053

www.rmit.edu.au/aeromecheng**Advanced standing**

Advanced entry may be given on the basis of significant industry experience and/or relevant postgraduate studies.

Professional recognition

The award is recognised by the Society of Logistics Engineering (SOLE).

Careers

The program produces graduates who can contribute as professionals in the rapidly expanding field of logistics management.

International automotive engineering**GC131 Graduate Certificate in International Automotive Engineering****CRICOS code:** 060515J**Duration:** 0.5 year**GD164 Graduate Diploma in International Automotive Engineering****CRICOS code:** 060516G**Duration:** 1 year**MC160 Master of Engineering (International Automotive Engineering)****CRICOS code:** 060517G**Duration:** 1.5 years**City campus**

Higher levels of technology in today's automotive industry have led to government and regulatory bodies imposing stringent environmental and safety standards on automobile manufacturers. As a result, there is a worldwide need to increase the knowledge and skill levels of the automotive industry.

The *Master of Engineering (International Automotive Engineering)* provides students with an in-depth understanding of engineering disciplines of the automotive production lifecycle. It exposes students to state-of-the-art infrastructure and different work ethics by providing the opportunity to carry out work experience or research projects at multinational automotive companies worldwide.

The integration of classroom learning and workplace experience provides students with the opportunity to apply their knowledge and problem-solving skills in a real workplace setting. The program focuses on new sustainable design and manufacturing practices based on the entire life cycle (from *cradle to grave*) of vehicles. This incorporates the design for disposal and recycle, disassembly, life-cycle assessment, alternative fuels and power-trains, and light structures.

Program structure**Year one** *Credit points***Semester one**

» Automotive Project 1	12
» Computational Engineering for Automotive Applications	12
» Management of Automotive Design and Development	12
» Management of Automotive Manufacturing	12

Semester two

» Automotive Project 2	12
» Automotive Materials	12
» Automotive Systems and Control	12
» Elective	12

Year two

» Automotive Research Project	24
» Electives	24

Electives

Program electives may include:

» Advanced CAE for Automotive Applications	12
» Automotive Electronics	12
» International Industry Experience 2 (available year two only)	24
» Vehicle Noise Vibration Harshness	12
» Vehicle Power-Train Technologies	12

Other School of Aerospace, Mechanical and Manufacturing Engineering electives

» Engineering Management	12
» Integrated Logistics Management	12
» Manufacturing	12
» Quality Management	12
» Systems Engineering	12

www.rmit.edu.au/programs/mc160**Teaching methods**

Teaching consists of problem-based learning and project-based learning modules. Students will have access to visiting staff from overseas industry and universities.

The program provides the opportunity for work placement, incorporating research experience at leading automotive companies worldwide.

Assessment

Assessment is ongoing throughout the semester and may include individual and group presentations, individual and group projects, laboratory experiments, minor thesis, exams, reflective journals, case studies, assignment reports, posters, written tests, and critical analysis.

Academic entrance requirements

A bachelor degree in engineering or applied science is mandatory.

Careers

Graduates will be able to work effectively as automotive engineering specialists, leading technological innovation in cross-disciplinary teams. They will be able to work effectively within, and between, geographically and culturally diverse settings with a broad understanding of the complex automotive supply chain and logistics involved.

Manufacturing

GD001 Graduate Diploma in Manufacturing

CRICOS code: 061670A

Duration: 1 year

MC001 Master of Engineering (Manufacturing)

CRICOS code: 017512C

Duration: 1.5 years

City campus

The environment of manufacturing companies is undergoing dramatic change worldwide. New technology, customer expectations, and global competition have combined to force new approaches to automation, factory design and manufacturing systems. As the pace of change accelerates, it brings the need for trained professionals versed in new technologies and modes of manufacturing to apply them strategically in industry. While manufacturing companies use computerised information systems, the need to achieve true systems integration requires adoption of *whole enterprise* modelling approaches.

As production machines and processes are increasingly under computer/microprocessor control, there is a need for more sophisticated approaches to maintenance management. The programs aim to provide students with the knowledge and skills to lead the introduction of change, adoption of new technologies and implementation of new operating practices in manufacturing businesses.

The *Master of Engineering (Manufacturing)* program is structured in two stages. If students enrol in the master program, students may exit with a *Graduate Diploma in Manufacturing* at the end of stage one.

Program structure

Graduate diploma	Credit points
» Building Quality Organisations	12
» Computer Integrated Manufacturing	12
» Design for Manufacture	12
» Lean Manufacturing	12
» Manufacturing Information and Distribution Systems	12
» Manufacturing Strategy and Planning	12
<i>Select two elective courses</i>	
» Industrial Systems and Environment	12
» Planning and Control	12
» Quality Systems	12
» Research Investigation and Analysis	12

Master

Stage one (equivalent to two semesters full-time)

- » Building Quality Organisations 12
- » Computer Integrated Manufacturing 12
- » Design for Manufacture 12
- » Lean Manufacturing 12
- » Manufacturing Information and Distribution Systems 12
- » Manufacturing Strategy and Planning 12
- » Research Investigation and Analysis 12

Select one elective course

- » Industrial Systems and Environment 12
- » Planning and Control 12
- » Quality Systems 12

Exit point for **graduate diploma**

Stage two (equivalent to one semester full-time)

- » Enterprise Modelling 12
 - » Maintenance and Reliability 12
 - » Manufacturing Research Project 12
- Select one elective course*
- » Industrial Systems and Environment 12
 - » Intelligent Materials and Processes 12
 - » Planning and Control 12
 - » Quality Systems 12

www.rmit.edu.au/programs/mc001

Teaching methods

Teaching consists of a mix of master classes and workshops, online support and interactive project teams using a variety of tools.

Academic entrance requirements

A recognised bachelor degree in engineering, science or a related discipline.

Careers

The program is aimed at professionals in supervisory or middle management levels in the global manufacturing industry. Graduates from the program will develop the potential to take a leading role in management and technology development in their organisations. It is envisaged that the future career path of *Master of Engineering (Manufacturing)* graduates will lead to the level of technical director or operations director, or to technical systems consultant.

Microelectronic engineering

GD122 Graduate Diploma in Microelectronics Engineering

CRICOS code: 051118G

Duration: 1 year

MC126 Master of Engineering (Microelectronic Engineering)

CRICOS code: 039492J

Duration: 1.5 years

City campus

The microelectronics engineer today is faced with many challenges brought about by the rapid advances in computer, multimedia and telecommunication technology. The *Master of Engineering (Microelectronic Engineering)* addresses all relevant aspects of this technology, from high-level specification of microelectronic systems, through implementation alternatives, to design, analysis, fabrication and realisation of integrated circuits. The program aims to educate engineers with the necessary skills and practical knowledge and experience to satisfy the requirements of the microelectronics industry.

An important feature of the program is the opportunity it provides for students to design their own integrated circuits generally in a team environment.

With strong industry backing, these are the first programs of their kind to be offered in Australia. Microelectronic engineering postgraduate students will:

- » have access to cutting-edge design tools currently used by the industry
- » have the chance to work on real industry projects
- » gain the skills that industry demand
- » increase their chances of finding employment in the growing microelectronics industry worldwide.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Program structure

Year one	<i>Credit points</i>
» EDA Tools and Design	12
» HDL and High Level Synthesis	12
» Integrated Circuit Design	12
» Select 60 credit points from list one	60
Year two	
» Major Project	48
Or	
» Select 48 credit points from list one (only courses not previously studied)	48
List one	
» Analog and Mixed Signal Design	48
» Digital System Design	48
» Electronic Devices; Physics, Design and Simulation	48
» Electronic Materials	48
» Embedded System Design	48
» Emerging Topics in IC Design	48
» Introduction to Microsystems Technology	48
» Introduction to Semiconductor Device Fabrication	48
» Project Management and Entrepreneurship	48
» Reliability and Testability in IC Design	48
» RF and Mixed Signal Design	48

www.rmit.edu.au/programs/mc126

Teaching methods

Teaching consists of a mix of postgraduate classes, workshops, online support and interactive projects.

Academic entrance requirements

Applicants should have:

- » a recognised bachelor degree in electrical, electronic, communication or computer engineering; or
- » evidence of successful completion of a post-matriculation diploma program of at least three years duration; or
- » a combination of academic qualifications and work experience equivalent to the above requirements.

Network engineering**GC135 Graduate Certificate in Network Engineering**

CRICOS code: 061176D

Duration: 0.5 year

GD166 Graduate Diploma in Network Engineering

CRICOS code: 061178B

Duration: 1 year

MC165 Master of Engineering (Network Engineering)

CRICOS code: 061179A

Duration: 1.5 years

City campus

The electronic engineering programs are aimed at science or engineering graduates in electronic, telecommunications, computer or electrical disciplines who wish to acquire specialised knowledge of advancements in the fields of electronic engineering. Particular attention is paid to the professional development of students in terms of technical, personal and business skills. As a result, graduates are well equipped for leadership roles in business and industry.

Qualified technologists with relevant industrial experience are encouraged to apply.

Program structure

Year one	<i>Credit points</i>
» Select 48 credit points from list one	48
» Select 48 credit points from list one or any approved elective (only courses not previously studied)	48
Year two	
» Research Project	48
or	
» Select 48 credit points from list one (only courses not previously studied)	48
List one	
» Advanced Network Engineering	12
» Digital Access Systems	12
» Internet Communication Engineering	12
» Network Design and Switching	12
» Network Engineering	12
» Network Infrastructure	12
» Network Management and Security	12
» Network Planning and Performance	12
» Network Software Engineering	12
» Network Operations	12
» Mobile and Personal Communication Systems Engineering	12
» Project Preparation, Planning and Problem Solving	12

www.rmit.edu.au/programs/mc165

Teaching methods

Teaching consists of a mix of classes and workshops, online support and interactive project teams using a variety of tools.

Academic entrance requirements

Applicants should have:

- » a recognised bachelor degree in electrical, electronic, communication or computer engineering; or
- » evidence of successful completion of a post-matriculation diploma program of at least three years duration; or
- » a combination of academic qualifications and work experience equivalent to the above requirements.

Pathways

Advanced standing can be granted for applicants with an appropriate postgraduate diploma or other relevant graduate qualification. This will be considered on an individual basis.

Professional recognition

The network engineering programs are highly regarded by industry. Students have the opportunity to achieve industry qualifications and further professional recognition.

Careers

Graduates will have extensive knowledge and skills in electronic technologies. They will have further developed effective oral and written communication skills, teamwork skills, business and management skills. Graduates are well prepared for career advancement and qualified for leadership roles in the electronic industry.

In the private sector, graduates may work in the design, manufacture and supply of electronic products, systems and services. Their roles may span from technical experts, technical or business managers, to executive officers. Graduates may establish their own business operating in the local and international electronic market. In the public sector, they provide the community with essential services in areas such as telecommunications, transportation, security, defence, health, emergency services and the environment. Graduates may also undertake further studies in research and development.

Statistics (business)

GD111 Graduate Diploma in Statistics (Business)

CRICOS code: 038973M

Duration: 1 year

MC122 Master of Statistics (Business)

CRICOS code: 038979E

Duration: 1.5 years

City campus

The statistics (business) programs put into context statistical concepts for the business world. The degrees are offered jointly by specialists from RMIT Business and specialist statisticians from RMIT's School of Mathematics and Geospatial Sciences. The programs are offered through a combination of lectures, tutorials and computer laboratory classes. Classes are held at least twice a week (often in the evening) over a two-hour period. Learning experiences outside formal tuition are enhanced by assignments and projects creating a high level of flexibility in both the learning approach and modes of assessment. For example, because of the business focus of the degrees, in some project work students will independently use the internet to engage the history and philosophy of management science and the globalisation of the current business environment.

Program structure

Year one

	<i>Credit points</i>
» Decision Analysis	12
» Statistical Methods	12
<i>Select 48 credit points</i>	
» Accounting for Business Decisions	12
» Business Solutions Using Spreadsheet Models	12
» Buyer Behaviour	12
» Financial Econometrics	12
» Introduction to Financial and Management Accounting	12
» Investment Evaluation Techniques for Real Estate	12
» Logistics Resources Strategy	12
» Management Practice A	12
» Management Practice B	12
» Managerial Finance	12
» Marketing Research and Forecasting	12
» Principles of Logistics	12
» The Global Network	12
» Valuation Techniques and Property Analysis	12

Select 24 credit points

» Game Theory and its Applications	12
» Methods and Models of Operations Research	12
» Regression Models in Econometrics	12
» Forecasting	12
» Probability and Optimization Models in Finance	12
» Statistics for Quality and Productivity in Industry	12

Year two

» Consulting courses	24
» Minor Thesis	24

www.rmit.edu.au/programs/mc122

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Mathematical and Geospatial Sciences for details.

Tel. + 61 3 9925 2283

Email: smgs@rmit.edu.au

www.rmit.edu.au/mathsgeo/contacts

Academic entrance requirements

Entry to the programs requires the successful completion of a bachelor degree with a component in a numerate discipline. For example, graduates of business, or diverse areas such as psychology and applied biology, who have studied statistics in contextualised courses may be eligible to meet the entrance requirements. An applicant without the necessary formal background but who has a substantial knowledge of business or industrial practices through their work experiences may also be admitted.

Professional recognition

Graduates will be eligible for membership of The Australian Statistical Society and The Australian Society of Operations Research.

Careers

The programs have a student-focused approach encouraging high skill levels in the use of contemporary statistical software accompanied by an in-depth understanding of the statistical processes involved and how these processes impact in a variety of business environments.

Graduates of the programs are highly sought after and are equipped to work in a variety of business, commercial and governmental enterprises.

Statistics and operations research

GD120 Graduate Diploma in Statistics and Operations Research

CRICOS code: 015629F

Duration: 1 year

MC004 Master of Applied Science (Statistics and Operations Research)

CRICOS code: 001534F

Duration: 2 years

City campus

The statistics and operations research programs are designed for students who want to further their knowledge of statistical methodology. They provide a theoretical foundation combined with practical applications of current techniques employed by practising engineers, scientists and other professionals in industry, research, teaching and business. The master aims to provide opportunities for students to further their understanding in the modelling of physical, biological and economic phenomena, ensuring they are able to contribute to applied research and development in industry, commerce and research.

Students will have the opportunity to take courses offered not only by RMIT, but also by La Trobe University and Monash University under the auspices of the Key Centre of Statistical Sciences.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Program structure

Graduate diploma Credit points

» Select 96 credit points from list one 96

Additional courses to be completed for the

master

» Consulting Courses 24

» Minor Thesis 24

» Select 48 credit points from list one 48

List one

» Analysis of Categorical Data 12

» Analysis of Failure and Survival Data 12

» Analysis of Medical Data 12

» Bayesian Statistics 12

» Bioinformatics 12

» Computing Methods in Statistics 12

» Design and Analysis of Experiments 12

» Exploratory Data Analysis 12

» Forecasting 12

» Game Theory and its Applications 12

» Introduction to Computer Packages 12

» Mathematics of Option Pricing 12

» Methods and Models of Operations Research 12

» Multivariate Analysis 12

» Probability and Optimisation Model in Finance 12

» Probability for Inference 12

» Queueing Theory and Applications 12

» Regression Analysis 12

» Regression Models in Econometrics 12

» Sequential Analysis 12

» Statistical Inference 12

» Statistical Methods 12

» Statistics for Quality and Productivity in Industry 12

» Stochastic Processes and Applications 12

» Theory of Statistics 12

» Time Series Analysis 12

www.rmit.edu.au/programs/mc004

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Mathematical and Geospatial Sciences for details.

Tel. + 61 3 9925 2283

Email: smgs@rmit.edu.au

www.rmit.edu.au/mathsgo/contacts

Academic entrance requirements

A bachelor degree or diploma of at least three years' study (post-Year 12) with a credit in a first year mathematics course or equivalent.

Professional recognition

On completion, students are eligible to become a member of the following organisations:

» Australian Statistical Society

» Australian Society for Operations Research

» American Statistical Association

Careers

The programs have a student-focused approach aimed at developing skill levels in the use of statistics and operations research in solving real problems in industry, research and the business environments. This is achieved with the use of contemporary statistical software accompanied by an in-depth understanding of the statistical processes involved and how these processes impact in a variety of environments. Graduates of the programs are highly sought after and are equipped to work in a variety of scientific, commercial and governmental enterprises.

Sustainable energy

GC115 Graduate Certificate in Sustainable Energy

CRICOS code: 053361C

Duration: 0.5 year

GD149 Graduate Diploma in Sustainable Energy

CRICOS code: 053362B

Duration: 1 year

MC149 Master of Engineering (Sustainable Energy)

CRICOS code: 053363A

Duration: 1.5 years

City campus

The sustainable energy programs provide a pathway for engineers and scientists, or those with an alternative acceptable qualification and significant experience in industry, to gain a qualification in the burgeoning specialist area of *sustainable energy*. Sustainable energy embraces technologies and practices to improve efficiency and reduce adverse environmental and social impacts of conventional energy sources, and to use alternative renewable energy sources.

With increasing concern about climate change, energy security, rising and fluctuating energy prices, and pollution associated with energy production and consumption, managing the transition towards a more sustainable energy sector has become a priority for governments, the private sector and the general community. As a result, there is a rapidly growing demand for engineers and scientists with a postgraduate specialisation in sustainable energy in Australia and internationally.



Australia's first hydrogen racing car unveiled at RMIT

RMIT University researchers have unveiled Australia's first hydrogen-powered racing car, in a pioneering project that demonstrates the incredible possibilities of hydrogen as the clean, renewable fuel of the future. This project, a joint collaboration with Germany's Fachhochschule Ingolstadt University of Applied Sciences, was not just about theory—it exposed RMIT students to the actual challenges of building and testing a racing car using cutting-edge sustainable automotive technology.

Graduates will be able to take a lead role in their organisations in, for example:

- » developing and implementing plans to improve energy efficiency and productivity to cut fuel bills and reduce greenhouse gas and other pollution emissions in order to meet regulatory and other requirements
- » researching, developing, demonstrating, commercialising, designing and evaluating innovative solar, wind, biomass, hydrogen and other sustainable energy supply, storage and utilisation technologies
- » implementing environmental management systems and obtaining ISO14001 certification
- » devising innovative sustainable solutions to current problems associated with adverse environmental and social impacts linked to energy supply, distribution and consumption
- » maintaining and optimising the performance of installed sustainable energy technologies and systems
- » managing consultative processes with social groups impacted by energy-related projects and developments.

The program can be tailored to meet individual needs. Case study topics in a range of courses can be selected to suit students' personal interests, as can the research project. Students will be encouraged to select a topic for their major research project undertaken in the final stage of the program that is of personal interest to them and (where relevant) to their employing firm. This ensures the work undertaken is founded upon a strong personal motivation and has practical relevance. The research project will be undertaken individually, but there will be an opportunity for students to work collectively in small groups to assist in research design and obtain regular constructive feedback from peers.

Program structure

Year one	Credit points
» The Economic, Social and Environmental Context for Sustainable Energy	12
» Sustainable Energy Systems and Design	12
» Energy Efficiency and Demand Management	12
» Sustainable Energy Technologies I	12
» Sustainable Energy Technologies II	12
<i>Select three courses</i>	
» Building Quality Organisations	12
» International Engineering Management	12
» Industrial Systems and Environment	12
» Management of Technology	12
» Performance Management Foundations	12
» Risk Management and Feasibility	12
» Engineering Economic Strategy	12
» Environmental Policy	12
» Natural Resource Management	12
» City Building and Urban Design Process	12
Year two	
» Developing and Evaluating Proposals for Sustainable Energy Systems	12
<i>Select 24 credit points</i>	
» Sustainable Energy Design Project I	12
» Sustainable Energy Design Project II	12
» Sustainable Energy Design Project	24
<i>Select 12 credit points</i>	
» Building Quality Organisations	12
» International Engineering Management	12
» Industrial Systems and Environment	12
» Management of Technology	12
» Performance Management Foundations	12
» Risk Management and Feasibility	12
» Engineering Economic Strategy	12
» Environmental Policy	12
» Natural Resource Management	12
» City Building and Urban Design Process	12

www.rmit.edu.au/programs/mc149

Teaching methods

Teaching consists of a mix of master classes and workshops, online support and interactive project teams using a variety of tools.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Aerospace, Mechanical and Manufacturing Engineering for details.

Tel. + 61 3 9925 8053

www.rmit.edu.au/aeromecheng

Academic entrance requirements

Direct entry to the *Master of Engineering (Sustainable Energy)* or *Graduate Diploma in Sustainable Energy* normally requires a relevant undergraduate degree. Advanced standing may be given on the basis of significant industry experience and/or relevant postgraduate studies. Entry to the graduate certificate may be considered for those who lack the academic qualifications but have significant work and professional experience. Successful completion of the graduate certificate may qualify a student to proceed to the graduate diploma, and successful completion of the graduate diploma may qualify a student to proceed to the *Master of Engineering*.

Careers

The program is aimed at graduate engineers and scientists working in industry, government, and nongovernmental organisations, as well as recent graduates and practitioners in the emerging sustainable energy industry, who are seeking to gain a postgraduate qualification in this important new area of expertise.

Systems engineering

GC027 Graduate Certificate in Systems Engineering

CRICOS code: 029764F

Duration: 0.5 year

GD043 Graduate Diploma in Systems Engineering

CRICOS code: 029323J

Duration: 1 year

MC046 Master of Engineering (Systems Engineering)

CRICOS code: 002726A

Duration: 1.5 years

City campus

These programs provide students with greater technological understanding and improved management skills essential to resolving engineering, technological and organisational issues in the complex systems found in business and industry.

The programs stress management theory and decision-making in large, complex organisations with emphasis on human-technology interaction. As a result, graduates understand an entire system, how it functions, and what affects its operation.

The primary objective is to develop the student's ability to anticipate, recognise and solve problems; optimise human capabilities and performance; effectively use and allocate resources; and apply systems theory in management or product development situations.

The core courses are designed to provide knowledge about the theories and principles of systems and a basic set of tools for managerial analysis and decision-making.

Students also undertake a systems research project. Emphasis must be on specific applications to real situations. The programs have run for more than 30 years and have an international reputation for high-quality teaching and research activities.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Program structure**Graduate certificate** *Credit points*

- » Case Studies 1: Project Planning and Infrastructure Management 12
- » Introduction to Systems Engineering 12
- » Project Management 12
- » Systems Engineering Methodology 12

Additional courses to be completed for the **graduate diploma**

- » Case Studies 2: Product and Process Re-Engineering 12
- » Systems Simulation and Characterisation 12

Select 24 credit points

- » Enterprise Modelling 12
- » Leadership and Change Management 12
- » Research Investigation Analysis 12
- » Risk and Technology Decisions 12
- » Systems Engineering Design Tools 12

Additional courses to be completed for the **master**

Select 48 credit points

- » Systems Research Project 48
- » Systems Research Project 1 24
- » Systems Research Project 2 24

www.rmit.edu.au/programs/mc046

Assessment

Assessment is primarily based upon written assignments that test the knowledge and application of key issues (e.g. problem definition, requirement specification, function allocation, life-cycle costing, project support and logistics, risk mitigation, and control management).

Assessment is ongoing throughout the semester and may include examinations, essays/reports, oral class presentations, group projects, research projects, laboratory projects and practical assignments.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Aerospace, Mechanical and Manufacturing Engineering for details.

Tel. + 61 3 9925 8053

www.rmit.edu.au/aeromecheng

Academic entrance requirements

Direct entry to the *Master of Engineering (Systems Engineering)* or *Graduate Diploma in Systems Engineering* normally requires any bachelor degree or equivalent. Entry to the graduate certificate may be considered for those who lack the academic qualifications, but have significant work and professional experience. Successful completion of the graduate certificate may qualify a student to proceed to the *Graduate Diploma in Systems Engineering* and *Master of Engineering (Systems Engineering)*.

Advanced standing

Advanced entry may be given on the basis of significant industry experience and/or relevant postgraduate studies.

Professional recognition

The graduate certificate program is recognised by the International Council of Systems Engineering and the Systems Engineering Society of Australia.

Careers

The programs are intended for engineers and scientists who wish to broaden their career prospects by successful application of systems thinking and processes to resolve engineering, technology and resource problems.

Telecommunication engineering**GC024 Graduate Certificate in Telecommunication Engineering**

CRICOS code: 018596G

Duration: 0.5 year

GD040 Graduate Diploma in Telecommunication Engineering

CRICOS code: 018595J

Duration: 1 year

MC042 Master of Engineering (Telecommunication Engineering)

CRICOS code: 018597G

Duration: 1.5 years

City campus

The telecommunication industry is one of the fastest growing industries in the world today. As an essential part of information technology, it offers great professional and business opportunities.

Postgraduate programs in telecommunication engineering are aimed at graduates wishing to:

- » develop expertise in the analysis, design, implementation and operation of telecommunication devices, systems and networks
- » improve oral and written communication skills, teamwork skills, business and management skills
- » advance their careers in the telecommunication industry.

Program structure**Year one** *Credit points*

- » Select 48 credit points from the course list 48
- » Select 48 credit points from the course list or any approved elective (only courses not previously studied) 48

Year two

- » Research Project 48
- or
- » Select 48 credit points from the course list (only courses not previously studied) 48

Course list

- » Advanced Network Engineering 12
- » Antennas for Mobile and Satellite Communications 12
- » Data and Internet Transmission Systems 12
- » Digital Signal Processing 12
- » Microwave Circuits 12
- » Mobile and Personal Communication Systems Engineering 12
- » Network Engineering 12
- » Network Planning and Performance 12
- » Optical Fibre Communication Systems 12
- » Optical Fibre Technology 12
- » Project Preparation, Planning and Problem Solving 12
- » Radar Systems 12
- » Satellite Communication Systems Engineering 12

www.rmit.edu.au/programs/mc042

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Electrical and Computer Engineering for details.

Tel. + 61 3 9925 2090

Email: sece@rmit.edu.au

www.rmit.edu.au/eleceng

Academic entrance requirements

Applicants should have:

- » a recognised bachelor degree in electrical, electronic, communication or computer engineering; or
- » evidence of successful completion of a post-matriculation diploma program of at least three years duration; or
- » a combination of academic qualifications and work experience equivalent to the above requirements.

Advanced standing

Advanced standing can be granted for applicants with an appropriate postgraduate diploma or other relevant graduate qualification. This will be considered on an individual basis.

Professional recognition

This postgraduate study program enables students to enhance their professional performance and to advance their career and leadership roles in the telecommunication industry. It is not a requirement for membership of Engineers Australia.

Careers

Rapid developments in the global telecommunication industry present exciting career opportunities for graduates of these programs.

Graduates will have acquired leading-edge knowledge and skills in telecommunication technologies. They will have further developed effective oral and written communication skills, teamwork skills, business and management skills. This ensures they are well prepared for career advancement and leadership roles in the telecommunication industry.

Graduates may work in the design, manufacture and supply of telecommunication devices, systems, networks and services. Their roles range from technical experts, technical or business managers to executive officers. Graduates may also work in Research and Development units in industry, business, and universities. Some may establish their own businesses operating in the local and international telecommunication market.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Aerospace engineering

MR037 *Master of Engineering – Aerospace/Systems Engineering*

CRICOS code: 002727M

Duration: 2 years

DR090 *Doctor of Philosophy (Aerospace Engineering)*

CRICOS code: 065822B

Duration: 4 years

Bundoora campus

Research is conducted in a wide range of fields that underpin the design, development and manufacturing of advanced aerospace systems. These fields include aerodynamics, design, propulsion, structures, advanced materials, stability and control, maintenance and operations, systems engineering, engineering management and logistics. Research topics are typically multidisciplinary and can be industry based. Research projects may be conducted at the Sir Lawrence Wackett Aerospace Centre at Port Melbourne.

Program structure

www.rmit.edu.au/programs/dr090

Academic entrance requirements

Master

A high standard four-year bachelor degree or equivalent in engineering or related fields.

PhD

A bachelor degree with honours or master by research or *Bachelor of Engineering* with relevant research experience. Students are normally required to complete an introductory research methods course at the beginning of the program.

Applied chemistry

MR039 *Master of Applied Science – Applied Chemistry*

CRICOS code: 001532G

Duration: 2 years

DR083 *Doctor of Philosophy (Applied Chemistry)*

CRICOS code: 065688C

Duration: 4 years

City campus

The School occupies new, purpose-built and well-equipped facilities and a wide range of analytical instrumentation is available for research, teaching and consultancy work. There are a large group of research staff and students with success in collaborations, funding and research publications. Research is carried out in modern and dedicated laboratories with areas allocated to major research directions: materials chemistry (microtechnologies, inorganic, catalysts, organic synthesis, functional surfaces and polymer science), and environmental and analytical science (Gippsland Lakes Catchment Authority, separation science, occupational health and safety). Expertise in molecular modelling and chemometrics has found applications spanning these main research fields. Research graduates are highly employable in significant research organisations.

Program structure

www.rmit.edu.au/programs/dr083

Academic entrance requirements

Research programs

There are minimum entry requirements for master by research and doctoral programs. However, there is strong competition for some places and preference may be given to applicants with more than the minimum requirements.

All applicants need to find a supervisor with similar research interests as themselves and discuss a research project proposal with them. The research proposal must be included in the application. Applicants are directed to this web site to find a supervisor:

www.rmit.edu.au/research/hdr/supervisors.

Master

A first degree of RMIT with at least a credit average in the final undergraduate year; or a qualification deemed equivalent by RMIT to a first degree of RMIT with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed knowledge of the field of study sufficient to undertake the proposed program.

PhD

A degree of master by research of RMIT; or a degree of master by coursework at RMIT which includes a research program with a duration of at least one semester full-time; or a bachelor degree at RMIT with first class honours or upper second class honours (or another award as deemed equivalent); and such qualifications or experience as RMIT considers appropriate.

Professional recognition

Completion of the master or PhD programs qualifies graduates for membership of the Royal Australian Chemical Institute.

Careers

Graduates completing these programs will have gained experience in planning, organising and implementing a research project. They will satisfy the requirements of many employers in the chemical, environmental and related industries who require research and development personnel. Honours and master graduates also satisfy the entry requirements for a research doctorate (PhD) degree.

Applied physics

MR040 *Master of Applied Science – Applied Physics*

CRICOS code: 001531J

Duration: 2 years

DR084 *Doctor of Philosophy (Applied Physics)*

CRICOS code: 065689B

Duration: 4 years

City campus

These programs offer intensive development of specialist knowledge and research ability within a designated field of study. Current areas of expertise include computer simulation of atomic and molecular systems; ion beam and radiation physics in industry and medicine; optical techniques for measurement and sensing applications; environmental, industrial and building acoustics; applied and environmental geophysics; soft condensed matter physics; biophysics and materials science, nano-science and technology; applied physics and instrumentation.

Program structure

www.rmit.edu.au/programs/dr084

Academic entrance requirements

Research programs

There are minimum entry requirements for master by research and doctoral programs. However, there is strong competition for some places and preference may be given to applicants with more than the minimum requirements.

All applicants need to find a supervisor with similar research interests as themselves and discuss a research project proposal with them. The research proposal must be included in the application. Applicants are directed to this web site to find a supervisor:

www.rmit.edu.au/research/hdr/supervisors.

Master

A first degree of RMIT with at least a credit average in the final undergraduate year; or a qualification deemed equivalent by RMIT to a first degree of RMIT with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed knowledge of the field of study sufficient to undertake the proposed program.

PhD

A degree of master by research of RMIT; or a degree of master by coursework at RMIT which includes a research program with a duration of at least one semester full-time; or a bachelor degree at RMIT with first class honours or upper second class honours (or another award as deemed equivalent); and such qualifications or experience as RMIT considers appropriate.

Professional recognition

These programs are recognised by the Australian Institute of Physics.

Careers

Graduates from all postgraduate programs in the applied physics discipline are strongly sought after, and all have found appropriate employment, usually in an area closely related to their studies. The range of employment opportunities is extremely diverse, covering many different types of positions in government, scientific, industrial and medical research laboratories, and also in management, administration, commerce and education.

Chemical engineering

MR025 *Master of Engineering – Chemical Engineering*

CRICOS code: 002727M

Duration: 2 years

MR026 *Master of Applied Science – Chemical Engineering*

CRICOS code: 053513C

Duration: 2 years

DR091 *Doctor of Philosophy (Chemical Engineering)*

CRICOS code: 065726B

Duration: 4 years

City campus

Research programs are conducted in a wide range of areas relevant to chemical engineering. Topics include: rheology of complex fluids and multiphase mixtures, flow process and mixer analysis of complex fluids and multiphase mixtures, waste treatment, process control, biochemical engineering, drinking water treatment, pyrometallurgy, polymer processing, polymer nanocomposites and biodegradation.

Program structure

www.rmit.edu.au/programs/dr091

Academic entrance requirements

Successful applicants are normally required to have a recognised bachelor degree with excellent results.

Civil engineering

MR029 *Master of Engineering – Civil Engineering*

CRICOS code: 002727M

Duration: 2 years

DR092 *Doctor of Philosophy (Civil Engineering)*

CRICOS code: 065725C

Duration: 4 years

City campus

Research interests in the civil engineering discipline include: construction materials, high-strength high-performance concrete, composite structures, design and construction techniques, structural engineering, structural optimisation, finite element analysis, computational mechanics, geotechnical and foundation engineering including pile foundation, infrastructure project maintenance and management, roads and pavements, water systems engineering and water resources and use of building demolition waste in concrete, construction management and transport engineering.

Program structure

www.rmit.edu.au/programs/dr092

Academic entrance requirements

A recognised bachelor degree with excellent results.

Electrical and computer engineering

MR033 *Master of Engineering – Electrical and Computer Engineering*

CRICOS code: 066338F

Duration: 2 years

DR093 *Doctor of Philosophy (Electrical and Computer Engineering)*

CRICOS code: 065723E

Duration: 4 years

City campus

Biomedical, electronic and communication engineering

The research program consists of three main areas: biomedical, electronic and communication engineering. The academic researchers in the biomedical area have specific skills in biomedical signal measurements and processing, electro-physiology, bioeffects of radio frequency (RF) exposure, RF dosimetry; RF safety management; biomolecular modelling and biomolecular electronics, bioelectro magnetism. The electronic engineering focuses on microelectronics and sensory technology which includes development of chemical, physical and biosensors. The communication researchers support a range of multidisciplinary research programs and industry related projects in integrated optics, photonic systems, sensors, microelectromechanical systems (MEMS) and RF technology.

Computer and network engineering

Researchers in network engineering have expertise in the areas of telecommunications network design; network traffic management; network reliability; optimal design of customer queueing centres; modelling, performance and design of advanced fixed and mobile networks; routing and planning of IP networks.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Electrical energy and control engineering

The research program is conducted in two main fields: electrical power and control engineering. Researchers in power engineering are skilled in computer simulations and analysis of power systems, renewable energy systems, power electronics, condition monitoring, energy management, electromagnetic interference and compatibility, control and protection of power systems, microprocessor applications, micro machines and power quality.

Researchers in control engineering have skills in fundamental research and application-oriented research.

Program structure

www.rmit.edu.au/programs/dr093

Academic entrance requirements

A bachelor degree with first class honours or upper second class honours from an Australian University or a recognised overseas university.

Environmental engineering**MR032 Master of Engineering – Environmental Engineering**

CRICOS code: 002727M

Duration: 2 years

DR096 Doctor of Philosophy (Environmental Engineering)

CRICOS code: 065724D

Duration: 4 years

City campus

Research interests in the environmental engineering discipline are: land degradation; environmental planning and policy; composting; waste auditing, management and minimisation; wastewater treatment; sludge digestion, groundwater resource management; hydrodynamics and stochastic modelling; eutrophication of waterways; water conservation and recycling, life cycle analysis, corrosion in sewerage systems, climate change, sustainable systems, air pollution, transport modelling and simulation, intelligent transport systems, traffic engineering.

Program structure

www.rmit.edu.au/programs/dr096

Academic entrance requirements

A recognised bachelor degree with excellent results.

Manufacturing systems**MR000 Master of Engineering – Manufacturing Systems**

CRICOS code: 002727M

Duration: 2 years

DR098 Doctor of Philosophy (Manufacturing Systems)

CRICOS code: 065693F

Duration: 4 years

Bundoora campus

Master and doctorate by research programs are conducted in a wide range of areas within the field of advanced manufacturing technology and systems. Research areas include: computer integrated manufacturing, design for manufacturing, forming and machining technology, high-speed automation, robotics, laser technology, polymeric and composite product development, operations research, and quality management in manufacturing.

Program structure

www.rmit.edu.au/programs/dr098

Academic entrance requirements**Master**

Bachelor of Engineering, Bachelor of Science with at least one year's experience in manufacturing engineering.

PhD

Master of Engineering by research, Bachelor of Engineering (honours), Bachelor of Engineering with research experience. Students are normally required to complete an introductory research methods course at the beginning of the program.

Mathematics**MR043 Master of Applied Science – Mathematics**

CRICOS code: 001527E

Duration: 2 years

DR102 Doctor of Philosophy (Mathematics)

CRICOS code: 065690J

Duration: 4 years

City campus

The research interests of the school cover a wide range of areas including: algebraic coding theory and applications to digital communications, aerodynamics and computational mechanics, numerical analysis, computational fluid dynamics, mathematical modelling, perturbation techniques, lubrication theory, non-Newtonian fluids, Walsh function analysis and computational algorithms, optimisation, control theory, mathematical programming, and resource modelling.

Program structure

www.rmit.edu.au/programs/dr102

Academic entrance requirements

An honours degree or equivalent. Applicants are assessed as potential candidates through direct communication with the discipline research coordinator.

Mechanical engineering

MR035 *Master of Engineering – Mechanical Engineering*

CRICOS code: 002727M

Duration: 2 years

DR099 *Doctor of Philosophy (Mechanical Engineering)*

CRICOS code: 065697B

Duration: 4 years

Bundoora campus

Master and doctoral research programs are aligned with discipline strengths in the following main research areas: virtual engineering and design, industrial and vehicle aerodynamics, conservation and renewable energy (CARE), computational engineering (including CAD, FEA, CFD), applied heat and mass transfer, vehicle design and crashworthiness, engine and supercharger technologies, sports engineering, dynamics, vibration and control. These research areas particularly focus on the automotive and biomedical industry (including the sports equipment industry).

Program structure

www.rmit.edu.au/programs/dr099

Academic entrance requirements

Master

Good honours degrees (first class or upper second class honours).

PhD

Good honours degrees (usually first class honours). It is important that research students are self-motivated since there is generally minimal program content and the students will be working in a high level, industrially-relevant environment. Students are normally required to complete an introductory research methods course at the beginning of the program.

Statistics and operations research

MR003 *Master of Applied Science – Statistics and Operations Research*

CRICOS code: 030993E

Duration: 2 years

DR104 *Doctor of Philosophy (Statistics and Operations Research)*

CRICOS code: 065727A

Duration: 4 years

City campus

The research interests of the school cover a wide range of areas in statistics and operations research, including survival data analysis, multivariate statistics, exploratory data analysis, financial mathematics, game theory, fuzzy sets, mathematical modelling and simulation of real systems, time series, sequential analysis, software reliability, statistical quality control, stochastic modelling.

Program structure

www.rmit.edu.au/programs/dr104

Academic entrance requirements

An honours degree in statistics, operations research or mathematics or its equivalent. Applicants with a three-year undergraduate bachelor degree (in statistics or operations research) with higher grading will also be considered.

Professional recognition

On completion, graduates are eligible to become members in the following professional organisations:

- » Australian Statistical Society
- » Australian Society of Operations Research
- » American Statistical Society.

Surveying, geomatics and cartography

MR044 *Master of Applied Science – Land Information*

CRICOS code: 007472M

Duration: 2 years

DR105 *Doctor of Philosophy (Land Information)*

CRICOS code: 065691G

Duration: 4 years

City campus

The research interests of the school cover a wide range of areas including: surveying, multimedia cartography, satellite positioning, land and geographic information systems (LIS/GIS), photogrammetry, remote sensing, sustainable development and resource management.

Program structure

www.rmit.edu.au/programs/dr105

Academic entrance requirements

Master

Undergraduate degree in a suitable discipline.

PhD

An honours degree or equivalent is required. Applicants are assessed as potential candidates through direct communication with the discipline research coordinator.

Professional recognition

On completion, graduates are eligible to become members in the following professional organisations:

- » Mapping Sciences Institute Australia
- » Surveying and Spatial Science Institute.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Health and Medical Sciences

Acupuncture

MC024 Master of Applied Science (Acupuncture)

CRICOS code: 065385G

Duration: 1.5 years

Bundoora campus

The acupuncture program provides a unique opportunity for a variety of health-care practitioners to undertake a practical clinical education program in acupuncture. It focuses on Chinese acupuncture that is integrated with modern neurophysiology and an evidence-based medicine approach. Developed to meet the increasing demand for qualified acupuncturists, the program has been running for more than 10 years.

The program incorporates Western medicine diagnosis with Chinese medicine theory for the clinical management of various conditions. Workshops are run to provide students with a firm theoretical basis, and clinical practice is incorporated to enhance skills and learning. The acupuncture program is designed to help healthcare practitioners acquire knowledge and skills in acupuncture.

Admission is dependent upon educational background, relevant clinical experience and satisfactory completion of each year of the program.

Program structure

Year one	<i>Credit points</i>
Semester one	
» Acupuncture Neurophysiology and Research Methods	12
» Acupuncture Theory and Practice 1	12
» Chinese Medicine Theory 1	12
» Chinese Medicine Theory 2	12
Semester two	
» Acupuncture Techniques	12
» Acupuncture Theory and Practice 2	12
» Classic Literature	12
» Clinical Chinese Medicine 1	12
Year two	
Semester one	
» Clinical Chinese Medicine 2	12
» Clinical Chinese Medicine 3	12
» Professional Issues and Project	12
» Supervised Clinical Practice 3	12

Teaching methods

The program will be delivered via intensive face-to-face workshops, online learning and supervised clinical practicum and self study.

Assessment

This program is assessed through online participation, including journal clubs, blogs and quizzes, assignments, written and practical examinations, clinical practicum and final clinical examinations.

Additional costs

Additional purchase of textbooks and equipment are required. Students practicing in the RMIT on-campus clinic are required to hold a current first aid certificate (minimum level 2) and undergo a Working with Children check to meet Australian regulations. RMIT Bundoora campus requires payment for parking.

Entrance requirements

Applicants must hold an appropriate bachelors degree in the health-care profession or sciences (clinical diagnosis is required). In addition, competence in the areas of physical examination and diagnosis is also required to facilitate safe practice when employing acupuncture as a primary modality of care. Minor inadequacies in respect to this may be overcome by bridging courses in Diagnosis and Differential Diagnosis in Western Medicine concurrent with the acupuncture courses during the first year of study.

Pathways

Recognition of Prior Learning (RPL) and credit transfer are ways that RMIT recognises applicants' skills and knowledge gained through formal and informal education and training, work experience, and/or life experience (including volunteer work, committee responsibilities, family duties, hobbies).

Professional recognition

The master program is approved by the Chinese Medicine Registration Board of Victoria. Graduates of the program will be accepted by the Board subject to continued accreditation and can begin practice upon graduation in Victoria. The program is also recognised by the following professional bodies:

- » Australian Natural Therapies Association (ANTA)
- » Acupuncture Association of Victoria Inc. (AAV)
- » Federation of Chinese Medicine and Acupuncture
- » Societies of Australia Inc. (FCMA)

Careers

Graduates will be suitably prepared for private or group practice.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Biotechnology

GC093 Graduate Certificate in Biotechnology

CRICOS code: 045504D

Duration: 0.5 year

GD101 Graduate Diploma in Biotechnology

CRICOS code: 045508M

Duration: 1 year

MC111 Master of Biotechnology

CRICOS code: 045512D

Duration: 2 years

Streams:

Clinical microbiology

GC124 Graduate Certificate in Biotechnology (Clinical Microbiology)

CRICOS code: 045505C

Duration: 0.5 year

GD154 Graduate Diploma in Biotechnology (Clinical Microbiology)

CRICOS code: 045509K

Duration: 1 year

MC154 Master of Biotechnology (Clinical Microbiology)

CRICOS code: 045513C

Duration: 2 years

Environmental and agricultural biotechnology

MC155 Master of Biotechnology (Environmental and Agricultural Biotechnology)

CRICOS code: 045514B

Duration: 2 years

Food microbiology

GC126 Graduate Certificate in Biotechnology (Food Microbiology)

CRICOS code: 045507A

Duration: 0.5 year

GD156 Graduate Diploma in Biotechnology (Food Microbiology)

CRICOS code: 045511E

Duration: 1 year

MC156 Master of Biotechnology (Food Microbiology)

CRICOS code: 045515A

Duration: 2 years

Food science and technology

GC127 Graduate Certificate in Biotechnology (Food Science and Technology)

CRICOS code: 055289A

Duration: 0.5 year

GD157 Graduate Diploma in Biotechnology (Food Science and Technology)

CRICOS code: 055290G

Duration: 1 year

MC157 Master of Biotechnology (Food Science and Technology)

CRICOS code: 055291G

Duration: 2 years

City campus

This program is presented by RMIT science staff and by research staff from various external institutions.

Students can undertake the main *Master of Biotechnology* program, or they can decide to specialise in one of the following streams:

- » Clinical Microbiology
- » Environmental and Agricultural Biotechnology
- » Food Microbiology
- » Food Science and Technology

www.rmit.edu.au/programs/mc111

High-achieving students have the opportunity to do either one semester of full-time research or work experience in year two of the *Master of Biotechnology*.

Program structure

Master

	<i>Credit points</i>
» Applied Biochemical Methods	12
» Bacterial Infections	24
» Bioinformatics	12
» Ecology	12
» Ecotoxicology	12
» Environmental Microbiology	24
» Fermentation Technology	24
» Food Microbiology	24
» Food Safety Plans	24
» Gene Technologies	12
» Immunology	12
» Industrial Microbiology	12
» Medical Microbiology	12
» Medical Mycology	24
» Medical Parasitology	12
» Microbial Evaluation of Food	24
» Molecular Biology	12
» Molecular Cell Biology	12
» Molecular Plant Breeding	24
» Parasitology	24
» Pathogenesis of Enteric Infect	24
» Plant Cell and Tissue Culture	24
» Veterinary Virology	12
» Viral Infections	24
» Work Experience Practicum 2	48

www.rmit.edu.au/programs/mc111

Teaching methods

The coursework courses are presented using a variety of learning methods including formal lectures, flexible learning activities, review of current literature, oral presentations and laboratory classes. Material is available on course web sites for students to review at any time. Some courses may be taught at the Bundoora campus.

Academic entrance requirements

A degree in applied science, agriculture, science, food science or another appropriate undergraduate degree such as chemical engineering, medicine or veterinary medicine.

The microbiology and food science and technology streams require microbiology and biochemistry or biotechnology to at least second-year undergraduate level. A microbiology major is preferred for the clinical and food microbiology streams.

The environmental stream requires biology and chemistry (or biochemistry) to at least second-year level. An ecology/aquatic science major is preferred. The plant biotechnology area requires plant science (physiology) and genetics to a second-year level. A major in genetics or biotechnology is preferred.

Advanced standing

Relevant work experience at an appropriate level and duration is recognised as an equivalent to one full-time semester. Applications for recognition of work experience are assessed on an individual basis.

Professional recognition

Depending on the courses chosen, graduates of this program are eligible to apply for membership of one or more of the following professional societies: Australian Society for Microbiology, Australian Society for Biochemistry and Molecular Biology, American Society for Microbiology, Australasian Plant Pathology Society, British Mycological Society, Australian Institute of Biology, International Society for Human and Animal Mycology, The Society for Ecotoxicology and Chemistry, The Asian Fisheries Society, The World Aquaculture Society, The Zoological Society of London, The Australasian Society for Ecotoxicology, The Australian Society for Limnology.

Careers

Graduates from this program are employed in private industry (e.g. vaccine production), medical research institutes, universities and hospitals as research staff or in diagnostic microbiology.

Biotechnology and business

GC074 Graduate Certificate in Biotechnology and Business

CRICOS code: 040967B

Duration: 0.5 year

GD129 Graduate Diploma in Biotechnology and Business

CRICOS code: 040970G

Duration: 1 year

MC129 Master of Biotechnology and Business

CRICOS code: 040972E

Duration: 1.5 years

City campus

This program prepares students to operate professionally at the interfaces of the scientific, government and commercial sectors of the biotechnology industry.

The program is presented by academic and research staff from across RMIT's science, engineering and business disciplines and by experts from major biotechnology organisations and service providers in Australia. A high level of research and industry participation keeps the program responsive to the rapidly developing technology and business environments and to changing needs in the global biotechnology industry.

Program structure

Master Credit points

Select a minimum of 24 credit points and a maximum of 60 credit points

» Advanced Immunology	12
» Bioinformatics	12
» Biopharmaceuticals	12
» Bioprocessing	12
» Cell Technologies	12
» Computational Biology	12
» Diagnostics and Biotherapies	12
» Gene Technologies	12
» Protein Technologies	12

Select a minimum of 24 credit points

» Biotechnology: Business Research Project	12
» Biotechnology: Project Management	12
» Biotechnology: Regulation and Business Law	12
» Biotechnology: Resource and Financial Management	12
» Management of Intellectual Assets	12

Select a minimum of 36 credit points and a maximum of 60 credit points

» Business and Economic Analysis	12
» Finance and Accounting for Business Decisions	12
» Global Business Context	12
» Leadership and Management	12
» Managing People, Relationships and Performance	12
» Marketing Management	12
» An approved MBA elective	12

www.rmit.edu.au/programs/mc129

Teaching methods

Courses are presented as formal lectures, seminars and workshops with online support.

Academic entrance requirements

An undergraduate degree in science, engineering or computing science or a related degree.

Pathways

Graduates may proceed to research degrees in biotechnology or business.

Careers

Graduates would be suitably prepared for careers in the public and private sectors of the biotechnology industry where multidisciplinary abilities would facilitate working at the interfaces of technology, the regulatory environment, government and business. The destination of graduates is likely to be middle-sized and large-mature companies and organisations. With more experience they would be particularly valuable in small, specialist, research and development intensive, early-stage biotechnology companies that have a high requirement for expert scientific staff with business literacy. They would also be effective in government, regulatory and research organisations that work at the interface of science and technology and the marketplace. Graduates would also be equipped with a basis for self-employment and entrepreneurial activities.

Clinical chiropractic

MC143 Master of Clinical Chiropractic

CRICOS code: 050401B

Duration: 2 years

Bundoora campus

The *Master of Clinical Chiropractic* is designed for applicants articulating from the *Bachelor of Health Science (Chiropractic)*. It provides professional qualification as a chiropractor, allowing application for registration.

The master delivers high-level assessment and psychomotor skills integrating diagnosis and management with the clinical sciences. Students provide supervised patient care in the University's teaching clinics and in external clinics approved for Mentored Practice-Integrated Learning.

Program structure

Year one

	Credit points
» Chiropractic Clinical Practicum 1	12
» Chiropractic Clinical Practicum 2	12
» Clinical Chiropractic 1	12
» Diagnosis and Management 1	12
» Diagnosis and Management 2	12
» Diagnostic Imaging 1	12
» Integrated Clinical Sciences 1	12
» Integrated Clinical Sciences 2	12

Year two

» Chiropractic Clinical Practicum 3	12
» Chiropractic Clinical Practicum 4	12
» Clinical Chiropractic 2	12
» Clinical Chiropractic 3	12
» Diagnosis and Management 3	12
» Diagnostic Imaging 2	12
» Integrated Clinical Sciences 3	12
» Research and Scholarship Portfolio	12

www.rmit.edu.au/programs/mc143

Work experience

Students in the master program are required to complete an extensive clinical practicum which runs through each of the four semesters. This is conducted in the teaching clinics which include charity clinics providing chiropractic care to disadvantaged patients. Students in the final semester may seek to complete their clinical practicum through placement in an external clinic approved by the University.

Subject to the Health Professions Registration Act (Victoria), students entering clinical courses (subjects) in the chiropractic program are required to seek student registration with the Chiropractors' Registration Board of Victoria. This process may require students to undergo a Police Check. In cases where the Registration Board declines student registration the student will not be permitted to enrol in clinic courses (subjects) and will be unable to complete the requirements of the program.

Teaching methods

Classes are taught in a combination of lecture, seminar, tutorial, workshop, practical and laboratory sessions. All courses have strong online support. The Research and Scholarship Portfolio is an innovative way of helping students to learn and apply critical thinking through all areas of their scholarship in the program and is present within every course.

Assessment

Assessment varies according to the course being undertaken. Traditional methods of assessment including essays, examinations and presentations are used in some courses as well as the development of an individual Research and Scholarship Portfolio, and assessment by external members of the profession in structured clinical practicum examinations.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Health Sciences for details. Tel: + 61 3 9925 7395

www.rmit.edu.au/healthsciences

Entrance requirements

Successful completion of the *Bachelor of Health Science (Chiropractic)* or equivalent.

Applicants need to have an interest in people and a commitment to primary health care. Strong verbal and written communication skills coupled with a good academic record are essential.

Pathways

Graduates are eligible to apply for a master by research degree and/or PhD.

Professional recognition

The Council on Chiropractic Education Australasia Inc. (CCEA) has accredited this program. The successful completion of the *Bachelor of Health Science (Chiropractic)* and the *Master of Clinical Chiropractic* are necessary to be eligible to apply for registration as a chiropractor with the Chiropractors Registration Board in Victoria (and other Boards throughout Australasia). Applicants wishing to practise in overseas jurisdictions upon graduation need to contact that jurisdiction to determine necessary accreditation and registration requirements prior to enrolling.

Careers

Chiropractic has been established as a healthcare profession for over 100 years and is currently practiced in more than 70 countries. Opportunities are plentiful in Australasia and in certain overseas locations for either private, self-employed practice or practice in multidisciplinary settings. Graduates of the RMIT clinical chiropractic program are leaders in the profession in Australia and other countries including New Zealand, Japan, Scotland, Ireland, England and Malaysia.

Disability studies

GD003 Graduate Diploma in Disability Studies

CRICOS code: 030898D

Duration: 1 year

Bundoora campus

The *Graduate Diploma in Disability Studies* extends the knowledge and skills of professional practitioners in providing support to people with a wide range of disabilities. The program is designed for professionals who have been working in the disability sector and want to keep abreast of current developments in service delivery and improve their professional skills and expertise. It is also suitable for individuals who have recently entered or want to enter the disability workforce but have had little coverage of disability in their undergraduate studies.

The program provides students with skills and expertise in the following areas:

- » contemporary issues, philosophies, legislation and policy relevant to people with disabilities
- » issues and approaches to service delivery including residential, educational, vocational, leisure options and advocacy for people with disabilities
- » methods of program and service evaluation
- » advanced skills and knowledge in supporting people with disabilities
- » the ability to conduct, and to disseminate to a high standard, literature reviews and/or research projects based on the student's current work interest/activities and relating to service delivery.

Program structure

Year one

Credit points

Select one option

Option A

- » Contemporary Issues in Disability 12
- » Independent Project 1 12
- » Independent Project 2 12
- » Service Development 12
- » Service Evaluation 12

Select 36 credit points

- » Advanced Behaviour Intervention Support 12
- » Ageing With a Lifelong Disability 12
- » Case Management 12
- » Family and Disability 12
- » Service Leadership 12

Option B

- » Contemporary Issues in Disability 12
- » Research Methods and Statistics 12
- » Research Thesis 1 24
- » Research Thesis 2 24
- » Service Development 12
- » Service Evaluation 12

www.rmit.edu.au/programs/gd003

Teaching methods

Workshops are conducted over a number of days to cover the theory involved in this program. In addition to this, independent study, face-to-face weekly classes, online learning and project work (under supervision) may occur dependent upon the course taken. Interstate and rural students are able to complete the program completely off-campus.

Assessment

Assessment varies according to the course being undertaken. For example, traditional methods of assessment of essays, literature reviews, examinations and presentations are used in some courses. Under supervision students will complete a project or thesis that is assessed by two independent markers and may be submitted for publication if of an appropriate standard.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Health Sciences for details. Tel: + 61 3 9925 7395

www.rmit.edu.au/healthsciences

Academic entrance requirements

An undergraduate three-year degree; and experience in the field of disability, or Mental Retardation Nurse qualification with experience in disability.

Pathways

Graduates may wish to pursue further study in areas such as a master by research degree and/or PhD.

Professional recognition

While graduates do not need to register with a professional body, current students and graduates are encouraged to join professional organisations such as the Australasian Society for the Study of Intellectual Disability, Case Management Society of Australia and Disability Professionals Victoria.

Careers

Graduates are highly sought after in both government and non-government leadership positions within the disability sector, including team leadership, advanced practitioner roles, advocacy, case management, project development and implementation, service innovation and evaluation.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Food science and technology

GC081 Graduate Certificate in Food Science and Technology

CRICOS code: 043047G

Duration: 0.5 year

GD132 Graduate Diploma in Food Science and Technology

CRICOS code: 043048F

Duration: 1 year

MC133 Master of Applied Science (Food Science and Technology)

CRICOS code: 043049E

Duration: 1.5 years

City campus

These programs have been designed to provide professional training in food science and technology for both graduates of food science and graduates in science, engineering, agriculture and related disciplines.

Graduates will acquire skills and knowledge of food processing, food preservation and the general properties of food materials, ensuring they are equipped for a wide range of technical positions within the food industry. Graduates are able to recognise potential hazards in the processing of food and will be able to apply this knowledge to eliminate or reduce hazards, and ensure the safety of the community's food supply.

The programs equip graduates with the necessary knowledge and skills required to operate effectively in the food industry at various management levels. They are designed to train recent graduates as food technologists, and to enable those already employed in the industry to enhance their professional status. The programs are structured around courses in food science and technology and it is assumed that students will have the necessary background in fundamental science. A background in food science is not required.

Program structure

Year one

Credit points

Group A

- » Scientific Skills and Tools 12

Group B

Select 24 credit points

- » Confectionery and Lipid Technology 12
- » Dairy Science and Technology 12
- » Grain Technology 12
- » Meat, Fish and Poultry Technology 12

Group C

Select 24 credit points

- » Advanced Food Processing Technologies 12
- » Current Issues in Food Science 12
- » Food Processing Technologies 12

Group D

Select 24 credit points

- » Microbiology 12
- » Food Microbiology 12
- » Microbial Evaluation of Food 24

Group E

Select 12 credit points

- » Confectionery and Lipid Technology 12
- » Current issues in Food Science 12
- » Dairy Science and Technology 12
- » Food Quality Assurance 12
- » Grain Technology 12
- » Meat, Fish and Poultry Technology 12
- » Nutrition 2 12
- » Sensory Evaluation of Food 12

Year two

Group F

- » Research Project 1 12
- » Research Project 2 24

Select 12 credit points

- » Current issues in Food Science 12
- » Confectionery and Lipid Technology 12
- » Dairy Science and Technology 12
- » Food Chemistry 12
- » Grain Technology 12
- » Meat, Fish and Poultry Technology 12
- » Nutrition 2 12
- » Sensory Evaluation of Food 12
- » Food Quality Assurance 12

or

Any course from the Master of Biotechnology program

- » Advanced Immunology 12
- » Bioinformatics 12
- » Computational Biology 12
- » Diagnostics and Biotherapies 12
- » Immunology 12
- » OHS Hazards and Control 1 12
- » Pathogenesis of Enteric Infections 24
- » Plant Cell and Tissue Culture 24
- » Risk Management 12
- » Viral Infections 24

www.mit.edu.au/programs/mc133

Teaching methods

The program content is presented using a variety of learning methods including formal lectures, flexible learning activities, reviews of current literature, oral presentations and practical experience.

Assessment

Assessment varies with the course and may include examinations, group or individual project work, presentations, preparation of industry documentation such as food safety plans, laboratory reports and assignments.

Academic entrance requirements

An applied science, science or other appropriate (e.g. agricultural science or chemical engineering) bachelors degree that is recognised as equivalent to an Australian bachelors degree. Average mark required over this undergraduate program should be a minimum of 65%. More weighting may be given to grades in the later stages of the program than in the early stages. To proceed to the final semester and undertake the research project, students are required to obtain a minimum average mark of 65% in the courses already taken. Students who have not previously studied microbiology will only be able to commence the program in Semester 1 (February intake).

Professional recognition

Graduates are eligible for professional membership of the Australian Institute of Food Science and Technology, with advanced standing.

Careers

Graduates are particularly attractive to potential employers because they offer a sound knowledge of, and capability in, the various aspects of food science and technology, including a capacity for research, as well as the specialisation of their initial qualification. Completion of these programs will add both value and relevance to the knowledge and skills acquired in the graduate's initial degree.

Laboratory medicine

GD102 Graduate Diploma in Laboratory Medicine

CRICOS code: 048258M

Duration: 1 year

Bundoora campus

The *Graduate Diploma in Laboratory Medicine* provides an opportunity for education and training in all of the major disciplines of laboratory medicine. It is designed for graduates from general science or biomedical science degrees that have a biological science focus. The core component allows students to acquire an understanding of the pathology of disease and to study one major professionally oriented discipline. The elective component provides the opportunity to select from a range of courses that complement the major discipline. The program is designed to provide a professionally oriented qualification that will prepare graduates for employment in diagnostic pathology, medical research and the biotechnology industry.

Program structure

Core courses

	<i>Credit points</i>
» General Pathology	12
» Systemic Pathology	12
<i>Select 72 credit points</i>	
» Blood Transfusion Science	12
» Clinical and Transplantation Immunology	12
» Clinical Biochemistry 2	12
» Clinical Biochemistry 3	12
» Cytopathology 2	12
» Cytopathology 3	12
» Haematology 2	12
» Haematology 3	12
» Histopathology 2	12
» Biology of Tissue Growth and Repair	12
» Medical Microbiology 1	12
» Medical Microbiology 2	12
» Medical Informatics and Lab Management	12
» Medical Genetics and Diagnostics	12
» Gene Technologies 1	12
» Applied Biochemical Methods	12
» Biomolecules and Cellular Regulation	12
» Clinical Biochemistry 1	12
» Introduction to Clinical Microbiology and Immunology	12
» Histopathology and Cytopathology	12
» Haematology 1	12

www.rmit.edu.au/programs/gd102

Teaching methods

Teaching methods applied in this program include lectures, tutorials, seminars, practical classes and, in some courses, visits to industry settings. In all courses students are encouraged to develop independent learning skills and use RMIT Online to access a wide range of learning and assessment materials.

Additional costs

This program may incur extra costs for items such as textbooks, lab coats, gloves etc., program notes, field trips, special equipment, materials and bridging programs. Please contact RMIT's School of Medical Sciences for details. Tel: + 61 3 9925 7075

www.rmit.edu.au/medicallsciences

Academic entrance requirements

Applicants must have a *Bachelor of Science* or *Bachelor of Applied Science* with majors in either biological sciences, biomedical sciences, biochemistry, microbiology, immunology, pathology or an approved alternative area.

Advanced standing

Applicants for the program who have completed a pathology major as part of their bachelor degree will be granted exemption from the core course General Pathology. Entry directly into major courses may also be possible where an appropriate prerequisite course has been taken in a bachelor degree.

Graduates of the *Graduate Diploma in Laboratory Medicine* who have been successful in gaining a place in the *Master of Laboratory Medicine* or the *Master of Biotechnology* programs may be granted up to 96 credit points towards that qualification.

Careers

Graduates are employed as medical scientists in the field of diagnostic pathology or in medical research. Medical scientists work in hospital laboratories, private pathology laboratories, state health laboratories and universities. In larger hospitals and private laboratories, medical scientists usually specialise in one of the professional disciplines.

Laboratory medicine

MC158 Master of Laboratory Medicine

CRICOS code: 056171G

Duration: 2 years (starts mid year)

Bundoora campus

The *Master of Laboratory Medicine* provides advanced training and education in the major disciplines of laboratory medicine. It is designed for graduates from general science/biomedical science degrees that have a biological science focus. These graduates would have had limited or no experience in diagnostic laboratory disciplines.

This coursework program is designed to provide an advanced qualification and enable graduates to apply a range of diagnostic procedures in a clinical pathology laboratory. They will have high-level skills in analysis and knowledge integration relevant to their area of specialisation.

Program structure

	<i>Credit points</i>
Year one	
Core courses	
» Clinical Biochemistry 1	12
» Introduction to Clinical Microbiology and Immunology	12
» Histopathology and Cytopathology	12
» Haematology 1	12
<i>Select 48 credit points</i>	
» Advanced Clinical Biochemistry 1	24
» Advanced Cytopathology 1	12
» Advanced Haematology 1	24
» Advanced Histopathology 1	24
» Advanced Transfusion and Transplantation Science 1	24
» Pathogenesis of Enteric Infections	24
» Parasitology	24
» Medical Informatics and Lab Management	12
» Medical Microbiology 1	12
» Gene Technologies 1	12
» Applied Biochemical Methods	12

Year two

Select 48 credit points

» Advanced Clinical Biochemistry 2	24
» Advanced Cytopathology 2	12
» Advanced Haematology 2	24
» Advanced Histopathology 2	24
» Advanced Transfusion and Transplantation Science 2	24
» Bacterial Infections	24
» Viral Infections	24
» Medical Laboratory Quality Systems and Accreditation	12
» Analysis of Medical Data	12
» Systemic Pathology	12
» Medical Genetics and Diagnostics	12
» Biomolecules and Cellular Regulation	12
» Outbreak: Detection and Control of Infectious Disease	12
» Medical Mycology	24
<i>Select 48 credit points</i>	
» Masters Project	24
» Research Project	48
» Professional Practice	48
» Medical Informatics and Lab Management	12
» Advanced Clinical Biochemistry 1	24
» Advanced Cytopathology 1	24
» Advanced Haematology 1	24
» Advanced Histopathology 1	24
» Advanced Transfusion and Transplantation Science 1	24
» Medical Microbiology 1	12
» Gene Technologies 1	12
» Applied Biochemical Methods	12
» Pathogenesis of Enteric Infections	24
» Parasitology	24

www.rmit.edu.au/programs/mc158

Teaching methods

Teaching methods applied in this program include lectures, tutorials, seminars, practical classes and, in some courses, visits to industry settings. In all courses students are encouraged to develop independent learning skills and use RMIT Online to access a wide range of learning and assessment materials.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment, materials and bridging programs. Please contact RMIT's School of Medical Sciences for details.

Tel: + 61 3 9925 7075

www.rmit.edu.au/medicallsciences

Academic entrance requirements

Applicants for the *Master of Laboratory Medicine* must have a three-year university degree in the biomedical or biological sciences area as a minimum. Other entrance requirements that are acceptable include a degree in medicine or a related health field.

Advanced standing

If students have completed the *Graduate Diploma in Laboratory Medicine* they may articulate directly into the *Master of Laboratory Medicine*.

Careers

Graduates are employed as medical scientists in the field of diagnostic pathology or in medical research. Medical scientists work in hospital laboratories, private pathology laboratories, state health laboratories and universities. In larger hospitals and private laboratories, medical scientists usually specialise in one of the professional disciplines.

Medical radiations

MC177NM *Master of Medical Radiations (Nuclear Medicine)*

CRICOS code: 068302B

Duration: 2 years

MC177RT *Master of Medical Radiations (Radiation Therapy)*

CRICOS code: 068305K

Duration: 2 years

MC177MI *Master of Medical Radiations (Medical Imaging)*

CRICOS code: 068300D

Duration: 2 years

Bundoora campus

Medical radiations is a rapidly advancing health care discipline that involves the application of both ionising and non-ionising radiation for the diagnosis and treatment injury and disease. It is one of the most advanced and dynamic areas of clinical medicine today. Practitioners are employed in both the public and private sector, and most often work in teams with other healthcare professions.

The *Master of Medical Radiations* is specifically designed for graduates of a general science, biomedical science, biological science or other health-related degree, looking for a qualification and career in the area of medical radiations.

RMIT University is the only tertiary institution in Victoria that offers a multidisciplinary approach to the education of medical radiations professionals. The program delivers a broad education and in line with this, students will participate in several common curricular elements that combine program material from the three professional streams. Clinical skills development will be undertaken in laboratory settings via computer-based simulations and clinical/industry experience (work-integrated learning) will be undertaken in a block each semester averaging five weeks in duration per semester.

Nuclear medicine

Nuclear medicine technologists are health care professionals who combine knowledge of biomedical and physical sciences with an understanding of patient care, in order to examine the physiology of organs and systems within the body. Nuclear medicine technologists typically use gamma camera technology and positron emission tomography (PET).

At the completion of the program, students will be capable of:

- » demonstrating knowledge of the physical principles
- » demonstrating an understanding of anatomy, physiology and pathology
- » undertaking a range of diagnostic examinations and treatment procedures relating to beginning practitioner skills
- » communicating effectively with patients and other staff
- » working in a multi-disciplinary health team
- » understanding the need for and are able to participate research relating to nuclear medicine;
- » practicing the skills of nuclear medicine in a global environment.

Radiation therapy

Radiation therapists are health care professionals primarily concerned with the design and implementation of radiation treatment and issues of care and wellbeing for people diagnosed with cancer and other pathological conditions.

At the completion of the program, students will be capable of:

- » demonstrating knowledge of the physical principles
- » demonstrating an understanding of anatomy, physiology and pathology
- » undertaking a range of planning and treatment procedures relating to beginning practitioner skills
- » communicating effectively with patients and other staff
- » working in a multi-disciplinary health team
- » understanding the need for and are able to participate research relating to radiation therapy
- » practicing the skills of radiation therapy in a global environment.

Medical imaging

Medical imaging is the field of clinical practice, education and research that deals with the use of ionising and non-ionising radiation for the purpose of investigation, diagnosis and treatment of human illness. Images of disease and injury are obtained using x-rays, computed tomography (CT), digital subtraction angiography (DSA), magnetic resonance imaging (MRI) and ultrasound (U/S).

At the completion of the program, students will be capable of:

- » demonstrating knowledge of the physical principles of the radiographic techniques/methods
- » demonstrating an understanding of anatomy, physiology and pathology
- » undertaking a range of diagnostic imaging examinations relating to beginning practitioner skills
- » communicating effectively with patients and other staff
- » working in a multi-disciplinary health team
- » understanding the need for and are able to participate research relating to medical imaging;
- » practicing the skills of medical imaging in a global environment.

Program structure

The master program consists of 192 credit points. The following is an example of courses offered.

Master of Medical Radiations (Nuclear Medicine)

Year one	Credit points
» Imaging Anatomy and Pathology	12
» Introduction to Pathology	12
» Nuclear Medicine Methods 1 & 2	24
» Nuclear Medicine Practice 1 & 2	24
» Nuclear Medicine Technology 1 & 2	24

Year two

» Computed Tomography	12
» Magnetic Resonance Imaging	12
» Medical Radiations Technology	12
» MR Interdisciplinary Applications	12
» Nuclear Medicine 3 & 4	24
» Nuclear Medicine Technology 3	12
» Sonography	12

Master of Medical Radiations (Radiation Therapy)

Year one	Credit points
» Imaging Anatomy and Pathology	12
» Introduction to Pathology	12
» Radiation Therapy Methods 1 & 2	24
» Radiation Therapy Practice 1 & 2	24
» Radiation Therapy Technology 1 & 2	24

Year two

» Computed Tomography	12
» Health Psychology	12
» Magnetic Resonance Imaging	12
» Medical Radiations Technology	12
» MR Interdisciplinary Applications	12
» Radiation Therapy 3 & 4	24
» Radiation Therapy Technology 3	12

Master of Medical Radiations (Medical Imaging)

Year one	Credit points
» Imaging Anatomy and Pathology	12
» Introduction to Pathology	12
» Medical Imaging Methods 1 & 2	24
» Medical Imaging Practice 1 & 2	24
» Medical Imaging Technology 1 & 2	24

Year two

» Computed Tomography	12
» Magnetic Resonance Imaging	12
» Medical Imaging 3 & 4	24
» Medical Imaging Technology 3	12
» Medical Radiations Technology	12
» MR Interdisciplinary Applications	12
» Sonography	12

www.rmit.edu.au/programs/mc177

Teaching methods

Students will be involved in learning activities that will include face-to-face teaching through lectures, tutorials and other activities. Clinical skills development will be undertaken in laboratory settings and during four block releases totaling 20 weeks which will be undertaken in clinical/industry work places.

Assessment

A variety of assessment strategies will be used pertinent to the specific knowledge/skill area.

Entrance requirements**English language**

One of the following:

- » IELTS (Academic)—7.0+ (no band less than 6.5)*
- » TOEFL Paper-based—600+ (TWE 5.0+)
- » TOEFL Computer-based—250+ (TWE 5.0+)
- » TOEFL Internet-based (iBT)—overall score 100+, writing minimum 24, remaining sections 22

* Please note: NB. The higher than usual RMIT University IELTS requirements are due to professional requirements. The accrediting body has a professional requirement of IELTS equivalence of 7.0+; this program will match these requirements.

Academic entrance requirements

Applicants must have successfully completed an undergraduate degree. If applicants cannot demonstrate knowledge of general science/physics and of anatomy/physiology in their undergraduate degree, applicants can undertake a test, at a cost to the applicant, in one or both of these areas. Assessment of the level of knowledge gained in the undergraduate degree will be undertaken on an individual basis. On successfully completing a test, applicants will have demonstrated knowledge in that area and are eligible to apply for entry into the program.

There are also a series of inherent requirements for prospective students wishing to enter the *Master of Medical Radiations* programs available at www.rmit.edu.au/medical-radiations.

It is also suggested that potential students undertake a workplace visit to ensure that they understand and are suited to the demands/requirements of the profession.

Pathways

No formal articulation with the *Master of Medical Radiations* exists. Credit may be given for Recognition of Prior Learning (RPL) for students entering the program with a previous master degree. RPL will be advised on an individual basis.

Professional recognition

The *Master of Medical Radiations (Nuclear Medicine)* will be accredited by the Australian and New Zealand Society of Nuclear Medicine (ANZSNM).

The *Master of Medical Radiations (Radiation Therapy)* and *Master of Medical Radiations (Medical Imaging)* are accredited by the Australian Institute of Radiography (AIR).

International graduated students must individually apply to the appropriate organisation for accreditation. Further details on eligibility for accreditation can be obtained from the respective organisations.

Careers

Most graduates are employed in either the public or private health care sector as nuclear medicine technologists, radiation therapists or diagnostic radiographers.

Within the medical radiations professions, opportunities exist for expansion into business management, education and research.

Graduates of the *Master of Medical Radiations (Medical Imaging)* can also proceed to further study including the specialist fields of magnetic resonance imaging (MRI), computed tomography (CT) and ultrasound (U/S).

Midwifery**GC002 Graduate Certificate in Midwifery**

CRICOS code: 038970C

Duration: 0.5 year

GD015 Graduate Diploma in Midwifery

CRICOS code: 038974K

Duration: 1 year

MC022 Master of Midwifery

CRICOS code: 038978F

Duration: 1.5 years

Bundoora campus

The master program is designed to further develop the midwife's skills in leadership, practice, research and scholarship in the discipline of midwifery.

Program structure**Coursework**

Credit points

» Breastfeeding and Human Lactation	12
» Family Studies	12
» Midwifery 1, 2, 3 & 4	48
» Research in Nursing and Midwifery	12
» Trends and Issues in Midwifery	12

Select one option

Option A

» Project	24
-----------	----

Select two courses

» Birth in Different Cultures	12
» Clinical Teaching in Nursing Practice	12
» Introduction to Complementary Therapies in Midwifery	12
» Introduction to Financial Management	12
» Quality Improvement for Nursing	12

Option B

Select 48 credit points

» Minor Thesis (full-time mode)	48
---------------------------------	----

Please note: At a minimum, 72 credit points of the master program must be completed at RMIT University even if students have completed a graduate diploma or equivalent at another university.

www.rmit.edu.au/programs/mc022

Teaching methods**Research components**

Across the degree students will complete a project or minor thesis under the supervision of an experienced supervisor.

Assessment

Assessment varies according to the course being undertaken. For example, the quality as well as the quantity of the hours undertaken in midwifery practice are examined.

Traditional methods of assessment of essays, examinations and presentations are used in courses.

The project or minor thesis is examined by two examiners one of whom is external to the University. The project consists of 5 000 to 6 000 words and the minor thesis, reports and presentations 10 000 to 15 000 words.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Health Sciences for details. Tel: + 61 3 9925 7395

www.rmit.edu.au/healthsciences

Academic entrance requirements

Applicants must normally be endorsed to practice midwifery in Australia.

If students successfully complete the *Graduate Diploma in Midwifery* with a Grade Point Average (GPA) of 75% and with 75% in a postgraduate research program, they may proceed to the *Master of Midwifery* by coursework (minor thesis option).

If students have not achieved an overall GPA of 75% in a graduate diploma program and 75% in a postgraduate research program, they may be eligible for entry into the *Master of Midwifery* by coursework (project option).

Advanced standing

Credits may be granted for courses passed in other tertiary-level programs.

Professional recognition

Graduates can for to be endorsed by the Nurses Board of Victoria as a midwife. In addition graduates may apply for membership of academic and midwifery professional bodies.

Careers

Successful completion of the program will allow graduates be leaders in midwifery practice, research and scholarship.

Nursing

GD013 Graduate Diploma in Nursing

CRICOS code: 038955B

Duration: 1 year

MC017 Master of Nursing

CRICOS code: 038954C

Duration: 1.5 years

Bundoora campus

RMIT University's Discipline of Nursing and Midwifery is one of the oldest providers of nursing education in Australia. RMIT is at the forefront of nursing education and research, offering a wide range of postgraduate programs designed to meet the challenge of current practice and research.

The graduate diploma program is designed to further develop the nurse's skills in the speciality areas of child and family health, critical care, emergency, mental health, neuroscience, leadership, practice, research and scholarship in the discipline of nursing.

This program has proposed changes to be introduced in 2011.

Program structure

Graduate diploma

Credit Points

Core Courses

- » Contemporary Issues in Nursing and Health Care 12
- » Nursing Ethics and Health Care 12
- » Research in Nursing and Midwifery 12

Streams

Select one stream

- » Critical Care Nursing (refer to the Critical Care Nursing flyer for information)
- » Emergency Nursing (refer to the Emergency Nursing flyer for information)
- » Neuroscience Nursing (refer to the Neuroscience Nursing flyer for information)

Electives

Select two courses

- » Advanced Clinical Nursing Practice: Stroke Management 12
- » Advanced Nursing Specialty Practice 12
- » Advanced Nursing Technology (highly recommended for critical care, emergency and neuroscience specialities) 12
- » Advanced Physical Assessment Nursing Practice 12
- » Clinical Teaching in Nursing Practice 12
- » Examining Nursing Practice 12
- » Introduction to Financial Management 12
- » Philosophic Inquiry in Nursing 12
- » Quality Improvement for Nurses 12
- » Transcultural Practice in Nursing and Midwifery 12

Master

Option A

- » Minor Thesis 48

or

Option B

- » Project 24
- » Select two courses from the core courses or electives in the Graduate Diploma in Nursing 24

Please note: A minimum of 72 credit points of the master program must be completed at RMIT University even if students have completed a graduate diploma or equivalent at another university. Please ensure you complete enough units from the RMIT graduate diploma to be eligible for the award of *Master of Nursing*.

www.rmit.edu.au/programs/mc017

Teaching methods

Offered via a combination of on-campus and online learning and may be offered exclusively online to interstate nurses by arrangement. In addition to the coursework, students will complete a project or minor thesis under the supervision of a staff member.

Assessment

Assessment varies according to the option undertaken. For example, traditional methods of assessment of essays, examinations and presentations are used in courses. The minor thesis (10 000–15 000 words) is examined by two examiners, one of which is external to the university. The project (5 000–6 000 words) is examined by an internal assessor.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Health Sciences for details. Tel: + 61 3 9925 7395

www.rmit.edu.au/healthsciences

Academic entrance requirements

Graduate diploma

Applicants must normally:

- » hold a *Bachelor of Nursing*
- » have successfully completed undergraduate studies in research as approved by RMIT Nursing and Midwifery
- » hold current registration (or be eligible for registration) as a Nurse in Division 1 of the Nurses Board of Victoria register
- » have no less than one year of nursing experience within the last five years and
- » be a practising professional in the area of speciality practice throughout the period of the program (where applicable).

Research requirements: Applicants who have not successfully completed undergraduate studies in research as approved by the program leader are required to undertake a research unit at an undergraduate level or its equivalent, as approved by RMIT nursing and midwifery.

Master

Students who successfully complete a graduate diploma program at RMIT with a Grade Point Average (GPA) of 75% and obtain a grade of 75% on the postgraduate research course may proceed to the *Master of Nursing* by coursework program minor thesis option (48 credit points) to successfully complete the *Master of Nursing* by coursework.

Other RMIT graduate diploma students may choose to complete the project option (24 credit points) plus two elective courses (12 credit points each) to successfully complete the *Master of Nursing* by coursework.

Advanced standing

Students who successfully complete the graduate diploma program with a Grade Point Average (GPA) of 75% and with 75% in a postgraduate research course may proceed to the *Master of Nursing* by coursework program (minor thesis option).

If an overall GPA of 75% is not achieved, students are eligible for entry into the *Master of Nursing* by coursework program (project option).

Careers

The program prepares experienced nurses for advanced nursing practice in specialty nursing areas and leadership roles in advanced practice, education, and research.

Osteopathy

MC146 *Master of Osteopathy*

CRICOS code: 054476F

Duration: 2 years

Bundoora campus

RMIT has the longest-running osteopathic program in Australia.

The master program, in combination with the *Bachelor of Applied Science (Complementary Medicine—Osteopathy)* program, is a first professional qualification in osteopathy.

Accreditation by the Osteopathic Registration Boards means graduates can register to practice in all Australian states and territories without sitting further examinations.

Osteopaths are trained in diagnosis and take a full case history, perform conventional medical testing procedures and use their skill of palpation and motion testing to additionally diagnose a patient's condition.

Osteopaths choose a treatment method depending on the patient and condition and may also provide advice on posture, exercise, nutrition, and similar.

Program structure

Year one	Credit points
» Clinical Medicine 1	12
» Clinical Medicine 2	12
» Osteopathic Clinical Practice and Research 1	12
» Osteopathic Clinical Practice and Research 2	24
» Osteopathic Diagnosis and Technique 1	12
» Osteopathic Diagnosis and Technique 2	12
» Research Methods—Manual Medicine	12
Year two	
» Clinical Medicine 3	12
» Clinical Medicine 4	12
» Osteopathic Clinical Practice and Research 3	24
» Osteopathic Clinical Practice and Research 4	24
» Osteopathic Diagnosis and Technique 3	12
» Osteopathic Diagnosis and Technique 4	12

www.rmit.edu.au/programs/mc146

Teaching methods

Classes are taught in a combination of lecture, seminar, tutorial, workshop, practical and laboratory sessions. All courses have online support.

Assessment

Assessment varies according to the course being undertaken. Traditional methods of assessment of essays, examinations and presentations are used in some courses as well as assessment in objective, structured clinical practicum examinations.

Additional costs

This program may incur extra costs for items such as textbooks, diagnostic equipment, program notes, field trips, special equipment (such as that required for the teaching clinic—clinic uniform and name badge) and materials. Students are also required to hold a current First Aid Certificate (AU\$100) prior to entering clinic. Please contact RMIT's School of Health Sciences for details.

Tel: + 61 3 9925 7395

www.rmit.edu.au/healthsciences

Academic entrance requirements

The *Bachelor of Applied Science (Complementary Medicine—Osteopathy)* is the standard entry requirement. This program has approximately 50% osteopathic-specific content. Students who have completed another program and claim equivalence to the *Bachelor of Applied Science (Complementary Medicine—Osteopathy)* will be required to pass a clinical competence examination and other examinations as deemed necessary to establish that they are at an equivalent standard to articulating RMIT students. Normally only students who have completed an osteopathic undergraduate degree are eligible.

Pathways

Graduates are eligible to apply for a master by research degree and/or PhD program.

Professional recognition

The successful completion of the *Bachelor of Applied Science (Complementary Medicine—Osteopathy)* and the *Master of Osteopathy* are necessary to be eligible to apply for registration as an osteopath with the Osteopathic Registration Boards in Australia.

Careers

There is a high demand for osteopaths in Australasia and in certain overseas locations.

Psychology

MC002 *Master of Psychology*

CRICOS code: 037955K

Duration: 2 years

Bundoora campus

The *Master of Psychology* is designed to provide the necessary training to prepare graduates for work as a professional psychologist. The program is oriented towards cognitive-behavioral psychology and graduates are trained and expected to work according to the scientist-professional model.

RMIT graduates specialise in clinical psychology.

Program structure

Year one	Credit points
Coursework	
» Assessment and Intervention 1 and 2	24
» Foundations of Practice 1 and 2	24
Clinical training	
» Internal Practicum 1 and 2	24
Research	
» Thesis 1 and 2	24
Year two	
Coursework	
» Specialist Practice 1 and 2	24
Clinical training	
» External Practicum 1 and 2	24
» Internal Practicum 3 and 4	24
Research	
» Thesis 3 and 4	24

www.rmit.edu.au/programs/mc002

Teaching methods

All coursework is delivered face-to-face. Internal practicums are supervised and take place at the RMIT Psychology Clinic. Case conferences are held in groups to discuss student progress and are led by an experienced practitioner.

Two external practicums are undertaken (minimum of 40 days and 60 days, respectively). Casework courses and field placements comprise 132 days of practicum experience. Students also complete a research thesis under supervision.

Assessment

Assessment varies according to courses. Assessment methods include essays, examinations and presentations. Internal and external practicum courses examine quality of work that is undertaken.

The master thesis consists of 15 000 words and is assessed by two examiners, including one external to the University. Guidelines for the organisation and presentation of the thesis are provided at enrolment.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Health Sciences for details. Tel: + 61 3 9925 7395

www.rmit.edu.au/healthsciences

Entrance requirements

English language

One of the following:

- » IELTS—8.5+ (no band less than 8.0)
- » TOEFL—Paper based = 640+
- » TOEFL—Computer based = 273+

Academic entrance requirements

An Australian Psychological Accreditation Council (APAC) approved fourth year of study in psychology, with results equivalent to a second class honours (H2A, 75% or above) grade.

Applicants must submit two confidential referee reports.

Pathways

Graduates are eligible to apply for a *Doctor of Psychology* or PhD program.

Professional recognition

Graduates are eligible for membership of the Australian Psychological Society (APS). To achieve full APS membership graduates are required to complete 80 hours of professional development activities over a minimum of 12 months after the completion of the master degree. Graduates are also eligible for associate membership of the College of Clinical Psychologists. Graduates are also eligible for registration as a psychologist with the Psychologists' Boards in the states and territories of Australia.

Careers

Clinical psychologists are specialists in the assessment, diagnosis and treatment of psychological problems and mental illness. They work in private practice, hospitals, universities, general medical practices, community health centres and mental health services.

Psychology

DC001 *Doctor of Psychology*

CRICOS code: 037956J

Duration: 3 years

Bundoora campus

The *Doctor of Psychology* program provides necessary training to prepare graduates for work as a professional psychologist and for leadership roles within the profession. The program is oriented towards cognitive-behavioural psychology and graduates are trained and expected to work according to the scientist-professional model.

RMIT graduates specialise in clinical psychology.

Program structure

Year one	<i>Credit points</i>
Coursework	
» Assessment and Intervention 1 and 2	24
» Foundations of Practice 1 and 2	24
Clinical training	
» Internal Practicum 1 and 2	24
Research	
» Thesis 1 and 2	24
Year two	
Coursework	
» Specialist Practice 1 and 2	24
Clinical training	
» External Practicum 1 and 2	24
» Internal Practicum 3 and 4	24
Research	
» Thesis 3 and 4	24
Year three	
Coursework	
» Advanced Doctoral Training 1 and 2	24
Clinical training	
» External Practicum 3A and 3B	24
Research	
» Thesis 5 and 6	48

www.rmit.edu.au/programs/dc001

Teaching methods

All coursework is delivered face-to-face. Internal practicums are carried out at the RMIT Psychology Clinic under supervision. Case conferences are held in groups to discuss students' progress and are led by an experienced practitioner.

Three external practicums are undertaken (minimum of 40, 60 and 80 days, respectively). Casework courses, together with field placements, comprise 212 days of practicum experience. Students will also complete a research thesis under supervision.

Assessment

Assessment varies according to the courses being undertaken. Assessment methods include essays, examinations and presentations. Internal and external practicum courses examine quality of work and hours undertaken.

The doctoral thesis is examined by two external examiners and consists of 40 000–50 000 words. Guidelines for the organisation and presentation of the thesis are provided on enrolment.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact RMIT's School of Health Sciences for details. Tel: + 61 3 9925 7395

www.rmit.edu.au/healthsciences

Entrance requirements

English language

One of the following:

- » IELTS—8.5+ (no band less than 8.0)
- » TOEFL—Paper based = 640+
- » TOEFL—Computer based = 273+

Academic entrance requirements

Completion of an Australian Psychological Accreditation Council (APAC) approved fourth year of study in psychology, with results equivalent to a first class honours (H1, 80% or above). Applicants must satisfactorily complete a formal assessment interview and demonstrate a high level of English language proficiency. Applicants must submit two confidential referee reports.

Professional recognition

Graduates are eligible for full membership of the Australian Psychological Society (APS) and full membership of either the College of Clinical Psychologists or College of Educational and Developmental Psychologists (depending on the *stream* undertaken).

Graduates are also eligible for registration as a psychologist with the Psychologists' Boards in all states and territories of Australia.

Careers

Clinical psychologists are specialists in the assessment, diagnosis and treatment of psychological problems and mental illness. They work in private practice, hospitals, universities, general medical practices, community health centres and mental health services.

Anatomy and physiology

MR013 *Master of Applied Science – Anatomy and Physiology*

CRICOS code: 023213G

Duration: 2 years

DR082 *Doctor of Philosophy (Anatomy and Physiology)*

CRICOS code: 065699M

Duration: 4 years

Bundoora campus

Master and PhD qualifications enable a student to embark on a research career or work in a higher administrative capacity in a research team. Our programs cater for those wishing to gain skills in conducting research or to study a particular area of interest, or for those with a thirst for new knowledge.

Graduates from our programs have progressed to being research team leaders in their own right in Australia and internationally, and to holding senior positions in government and industry.

To determine if a research degree in RMIT's School of Medical Sciences is right for you, read the information about our programs and discuss possible projects with a number of supervisors.

The School has a multidisciplinary research base that offers opportunities to conduct biomedical research in a range of areas including projects involving human subjects, through to cell and molecular based systems using state-of-the-art technology.

On offer are a variety of different projects covering the following research areas: anatomy, physiology, skin cancer, cell biology, cardiovascular biology, neuroscience, obesity and diabetes, wound repair, cell signalling, exercise physiology, immunology, pharmacology and toxicology.

For a full list of research projects visit www.rmit.edu.au/medalsciences.

Program structure

www.rmit.edu.au/programs/dr082

Academic entrance requirements

Master

Students will normally have completed an honours degree or have had a number of years of postgraduate experience working in a laboratory where they have been exposed to a research environment.

PhD

Students must have completed an honours degree normally at a H2A level or a research master degree. Under certain circumstances, when students do not meet these requirements but have been working for a number of years in a research laboratory and have publications in recognised journals, consideration may be given to acceptance into the program.

Students wishing to enter either program should contact the research coordinator at: medalsciences@rmit.edu.au to discuss possible projects and supervisors before lodging an application.

Applied biology and biotechnology

MR082 *Master of Applied Science – Applied Biology and Biotechnology*

CRICOS code: 007468G

Duration: 2 years

DR085 *Doctor of Philosophy (Applied Biology and Biotechnology)*

CRICOS code: 065729K

Duration: 4 years

Bundoora campus

This program is designed to provide specialist postgraduate training in research and includes extensive work on original research and the presentation of a thesis for external assessment. The degree requires the student to show mastery of scientific techniques in her/his area of specialisation. Students without previous research experience are required to complete a research methods study area. Most research within this discipline uses molecular approaches for the diagnosis and synthesis of solutions for disease and environmental problems. Facilities are based in the modern, purpose-built Biosciences building.

The discipline has a large and active group of research staff and students whose research is funded externally and who have active collaboration with industry. Research graduates have a high completion rate and are highly employable, with many offered employment before graduation in prestigious organisations.

Program structure

www.rmit.edu.au/programs/dr085

Academic entrance requirements

Research programs

There are minimum entry requirements for master by research and doctoral programs. However, there is strong competition for some places and preference may be given to applicants with more than the minimum requirements.

All applicants need to find a supervisor with similar research interests as themselves and discuss a research project proposal with them. The research proposal must be included in the application. Applicants directed to this web site to find a supervisor:

www.rmit.edu.au/research/hdr/supervisors.

Master

A first degree of RMIT with at least a credit average in the final undergraduate year; or a qualification deemed equivalent by RMIT to a first degree of RMIT with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed knowledge of the field of study sufficient to undertake the proposed program.

PhD

A degree of master by research of RMIT; or a degree of master by coursework at RMIT which includes a research program with a duration of at least one semester full-time; or a bachelor degree at RMIT with first class honours or upper second class honours (or another award as deemed equivalent); and such qualifications or experience as RMIT considers appropriate.

Professional recognition

Depending on the research area chosen, the award qualifies graduates for professional membership of scientific societies such as the Australian Institute of Biology, the Australian Society for Microbiology, the Australian Biochemical Society, AusBiotech, and the Australian Society of Biotechnology.

Careers

The master degree qualifies graduates for employment as professional scientists under direction. The PhD degree qualifies graduates for employment as professional scientists capable of independent research.

Chinese medicine

MR015 *Master of Applied Science – Chinese Medicine*

CRICOS code: 019084B

Duration: 2 years

Bundoora campus

This program is designed to provide specialist postgraduate study in research including extensive original research and a thesis which is examined by external examiners. The major research focus includes systematic reviews and clinical trials on Chinese herbal medicine and acupuncture in the management of clinical conditions such as hayfever, insomnia, tension headaches and chronic pain.

Program structure

www.rmit.edu.au/programs/mr015

Academic entrance requirements

Applicants require a strong background in Chinese medicine (includes acupuncture). Contact RMIT's School of Health Sciences for information.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

International recognition for RMIT Chinese Medicine

RMIT University's Discipline of Chinese Medicine is one of the first institutions in the world to receive recognition from the Wang Ding Yi Award for International Contribution to Chinese Medicine.

The 2008 Awards were presented by The World Federation of Chinese Medicine Societies in Beijing, China.

The awards were established in 2007 and this is the first time that institutions have been included.

RMIT University received the prestigious award for its significant contribution to Chinese Medicine education, research, clinical training and policy development, over 15 years.

Chiropractic, osteopathic and Chinese medicine

DR088 *Doctor of Philosophy (Chiropractic, Osteopathic and Chinese Medicine)*

CRICOS code: 065700A

Duration: 4 years

Bundoora campus

This program provides opportunities for practitioners in various complementary medicine disciplines and others with relevant qualifications, experience and ability to contribute to the generation of new knowledge, vital to the growth and development of the various complementary medicine professions. Students are required to demonstrate learning in scientific technique and procedure and to make a significant and original contribution to knowledge in their field.

Program structure

www.rmit.edu.au/programs/dr088

Academic entrance requirements

A relevant bachelor (honours) degree or hold a master degree by research or coursework with a research project in a relevant discipline, or be currently enrolled and making appropriate progress in a master degree by research with RMIT.

Chiropractic science

MR014 *Master of Chiropractic Science*

CRICOS code: 019964C

Duration: 2 years

Bundoora campus

This program provides opportunities to contribute to the chiropractic knowledge base by research in a wide range of areas of interest to the chiropractic discipline and profession. Applicants are selected with consideration to their area of research and the availability of supervisors with relevant expertise within RMIT.

Program structure

www.rmit.edu.au/programs/mr014

Academic entrance requirements

Chiropractic graduates are considered on the basis of their academic performance in the last three years of their program. Active practitioners are considered on the basis of their educational background, professional activity and contribution, in addition to their past academic record.

Careers

Graduates are eligible to be considered for employment as academics and may contribute to the professional associations on scientific and evidenced-based practice.

Food science

DR100 *Doctor of Philosophy (Food Science)*

CRICOS code: 065816M

Duration: 4 years

City campus

There is a high rate of successful completion of PhD degrees from this program. Students graduating with food science PhD degrees have gained employment in significant research and commercial organisations. Areas of research in food science include nutrition; functional foods, including probiotics and prebiotics; non-thermal food processing technologies; texture and rheology of foods; drying of foods; food microbiology and safety.

Program structure

www.rmit.edu.au/programs/dr100

Academic entrance requirements

Research programs

There are minimum entry requirements for master by research and doctoral programs. However, there is strong competition for some places and preference may be given to applicants with more than the minimum requirements.

All applicants need to find a supervisor with similar research interests as themselves and discuss a research project proposal with them. The research proposal must be included in the application. Applicants are directed to this web site to find a supervisor:

www.rmit.edu.au/research/hdr/supervisors.

PhD

A degree of master by research of RMIT; or a degree of master by coursework at RMIT which includes a research program with a duration of at least one semester full-time; or a bachelor degree at RMIT with first class honours or upper second class honours (or another award as deemed equivalent); and such qualifications or experience as RMIT considers appropriate.

Food technology

MR045 *Master of Applied Science – Food Technology*

CRICOS code: 022561G

Duration: 2 years

City campus

Areas of focus include: nutrition; functional foods, including probiotics and prebiotics; non-thermal food processing technologies; texture and rheology of foods; drying of foods; food microbiology and safety.

Program structure

www.rmit.edu.au/programs/mr045

Academic entrance requirements

Research programs

There are minimum entry requirements for master by research and doctoral programs. However, there is strong competition for some places and preference may be given to applicants with more than the minimum requirements.

All applicants need to find a supervisor with similar research interests as themselves and discuss a research project proposal with them. The research proposal must be included in the application. Applicants are directed to this web site to find a supervisor:

www.rmit.edu.au/research/hdr/supervisors.

Master

A first degree of RMIT with at least a credit average in the final undergraduate year; or a qualification deemed equivalent by RMIT to a first degree of RMIT with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed knowledge of the field of study sufficient to undertake the proposed program.

Human movement

MR017 *Master of Applied Science – Human Movement*

CRICOS code: 015626J

Duration: 2 years

DR101 *Doctor of Philosophy (Human Movement)*

CRICOS code: 065721G

Duration: 4 years

Bundoora campus

Master and PhD qualifications enable a student to embark on a research career or work in a higher administrative capacity in a research team. Our programs cater for those wishing to gain skills in conducting research or to study a particular area of interest, or for those with a thirst for new knowledge.

Graduates from our programs have progressed to being research team leaders in their own right in Australia and internationally, and to holding senior positions in government and industry.

To determine if a research degree in RMIT's School of Medical Sciences is right for you, read the information about our programs and discuss possible projects with a number of supervisors.

The School has a multidisciplinary research base that offers opportunities to conduct research in a range of areas including projects involving human subjects, through to cell and molecular based systems using state-of-the-art technology.

Appropriate research areas include: physical activity and disability; motor skill development and control; growth and development; exercise physiology; exercise metabolism and measurement of exercise behaviour.

For a full list of research projects visit www.rmit.edu.au/medicalsciences.

Program structure

www.rmit.edu.au/programs/dr101

Academic entrance requirements

Master

Students will normally have completed an honours degree or have had a number of years of postgraduate experience working in a setting where they have been exposed to a research environment.

PhD

Students must have completed an honours degree normally at a H2A level or a research master degree. Under certain circumstances, when students do not meet these requirements but have been working for a number of years in a research setting and have publications in recognised journals, consideration may be given to acceptance into the program.

Students wishing to enter either program should contact the research coordinator at: medicalsciences@rmit.edu.au to discuss possible projects and supervisors before lodging an application.

Medical and health physics

MR042 *Master of Applied Science – Medical and Health Physics*

CRICOS code: 058238K

Duration: 2 years

City campus

This program provides appropriate training for physicists involved with radiotherapy, diagnostic medical procedures and health physics.

The program is composed of approximately two-thirds research project and one-third coursework. The research project in an area of medical or health physics is examined by thesis. The coursework is vocationally relevant to radiotherapy and health physics. This program is accredited by the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM) as part of its accreditation scheme for radiation oncology medical physicists. All applicants should contact the program coordinator to discuss their eligibility and a desired research project.

Program structure

www.rmit.edu.au/programs/mr042

Academic entrance requirements

Research programs

There are minimum entry requirements for master by research and doctoral programs. However, there is strong competition for some places and preference may be given to applicants with more than the minimum requirements.

All applicants need to find a supervisor with similar research interests as themselves and discuss a research project proposal with them. The research proposal must be included in the application.

Master

A first degree of RMIT with at least a credit average in the final undergraduate year; or a qualification deemed equivalent by RMIT to a first degree of RMIT with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed knowledge of the field of study sufficient to undertake the proposed program.

Pathways

Students may apply for recognition of current competencies in relation to the coursework component of the degree.

Professional recognition

The program is accredited by the Australasian College of Physical Scientists and Engineers in Medicine as an approved university postgraduate program in medical physics.

Careers

This program is designed to prepare graduates for work in radiation oncology facilities in hospitals and in health physics regulatory organisations.

Medical laboratory science

MR083 *Master of Applied Science – Medical Laboratory Science*

CRICOS code: 007473K

Duration: 2 years

DR086 *Doctor of Philosophy (Medical Laboratory Science)*

CRICOS code: 065702K

Duration: 4 years

Bundoora campus

Master and PhD qualifications enable a student to embark on a research career or work in a higher administrative capacity in a research team. Our programs cater for those wishing to gain skills in conducting research or to study a particular area of interest, or for those with a thirst for new knowledge.

Graduates from our programs have progressed to being research team leaders in their own right in Australia and internationally, and to holding senior positions in government and industry.

To determine if a research degree in RMIT's School of Medical Sciences is right for you, read the information about our programs and discuss possible projects with a number of supervisors.

The multidisciplinary nature of laboratory medicine offers excellent opportunities to conduct leading edge biotechnology and biomedical research. The discipline areas covered include biochemistry, natural products, molecular biology, immunology, haematology, histopathology, pathology and transfusion/transplantation science.

Our research programs encompass most areas of human health and disease at both a fundamental and applied level.

For a full list of research projects visit www.rmit.edu.au/medicalsciences.

Program structure

www.rmit.edu.au/programs/dr086

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Academic entrance requirements

Master

Students will normally have completed an honours degree or have had a number of years of postgraduate experience working in a laboratory where they have been exposed to a research environment.

PhD

Students must have completed an honours degree normally at a H2A level or a research master degree. Under certain circumstances, when students do not meet these requirements but have been working for a number of years in a research laboratory and have publications in recognised journals, consideration may be given to acceptance into the program.

Students wishing to enter either program should contact the research coordinator at: medsciences@rmit.edu.au to discuss possible projects and supervisors before lodging an application.

Medical radiations science

MR084 *Master of Applied Science – Medical Radiations Science*

CRICOS code: 007474J

Duration: 2 years

DR087 *Doctor of Philosophy (Medical Radiations Science)*

CRICOS code: 065701M

Duration: 4 years

Bundoora campus

Master and PhD qualifications enable a student to embark on a research career or work in a higher administrative capacity in a research team. Our programs cater for those wishing to gain skills in conducting research or to study a particular area of interest, or for those with a thirst for new knowledge.

Graduates from our programs have progressed to being research team leaders in their own right in Australia and internationally, and to holding senior positions in government and industry.

To determine if a research degree in RMIT's School of Medical Sciences is right for you, read the information about our programs and discuss possible projects with a number of supervisors.

The School has a multidisciplinary research base that offers opportunities to conduct medical radiations research in a range of areas. These often include both quantitative and qualitative projects in medical imaging, radiation therapy, nuclear medicine and medical physics. The projects may be laboratory based or undertaken in a clinical context.

On offer may be a variety of different projects covering the following research areas: dosimetry in radiation therapy; nanotechnology in nuclear medicine and magnetic resonance imaging; optimisation and dose in digital radiography and computed tomography; gold nanoparticles; clinical practice in medical imaging; radiation therapy and nuclear medicine; and radionuclide therapy using nuclides such as Lutetium 77 or Gallium 68.

For a full list of research projects visit www.rmit.edu.au/medsciences.

Program structure

www.rmit.edu.au/programs/dr087

Academic entrance requirements

Master

Applicants should have a relevant first degree from RMIT or an award equivalent in character and standard from another university. An honours degree is preferable; however, applications will be considered from students who can produce evidence of knowledge and experience of the field of study sufficient to undertake the proposed program.

PhD

Applicants should have a relevant honours degree (first or upper second class honours) or a master degree by research in the appropriate discipline.

Students wishing to enter either program should contact the research coordinator at: medsciences@rmit.edu.au to discuss possible projects and supervisors before lodging an application.

Nursing

MR010 *Master of Nursing*

CRICOS code: 022044F

Duration: 2 years

DR103 *Doctor of Philosophy (Nursing)*

CRICOS code: 065698A

Duration: 4 years

Bundoora campus

The *Master of Nursing* by research enables nurses to achieve a high level of academic achievement and scholarship through the generation of an independent piece of research. Supervision can be provided in a range of areas and in a variety of theoretical traditions and research methodologies. Specific areas include: clinical nursing; child and family health nursing; mental health nursing; gerontology; midwifery; primary health; public health; critical transcultural nursing; multicultural health; nursing and health care ethics; health policy; health education; leadership and management in nursing.

Prospective PhD candidates are required to discuss and arrange with the Director of Research a possible research topic and supervisors prior to enrolment.

Research requirements for PhD candidates are normally required to undertake a postgraduate level research unit as part of their candidature. Where eligible, exemptions from this requirement should be applied for at enrolment.

Program structure

www.rmit.edu.au/programs/mr010

www.rmit.edu.au/programs/dr103

Academic entrance requirements

Master

A first degree from RMIT with at least a 75% average in the final undergraduate year; or equivalent; or must have produced evidence of appropriate experience which satisfies the Division and School that the applicant has developed knowledge of the field of study sufficient to undertake the proposed program. Applicants must also be registered or eligible for temporary registration in Divisions 1 and/or 3 of the Victorian state register (*Master of Nursing* candidates); and have at least two years of professional and relevant experience in a recognised field of nursing.

PhD

A degree of master by research from RMIT; or qualified for a degree of master by coursework from RMIT, that includes a research program with a duration of at least one semester full-time. The School may consider for direct entry a student who has qualified for a master by coursework and achieved an overall grade point average of 75% or above without having undertaken a research program of at least one semester's duration provided that the candidate can demonstrate other areas of research experience relevant to the discipline in the form of publications and conference presentations.

Applicants must also hold a *Bachelor of Nursing* qualification with first class honours, or upper second class honours; or have qualified for another award deemed to be equivalent in character and standard to the above degrees (such other professional nursing and/or midwife experience as considered appropriate by the School and College.) Finally applicants must have made a significant and original contribution to knowledge of fact and/or theory; independent and critical thought; and have the capacity to work independently of supervision.

Osteopathic science

MR016 *Master of Osteopathic Science*

CRICOS code: 019085A

Duration: 2 years

Bundoora campus

This program provides the opportunity for students to undertake a supervised program of research within the discipline of osteopathy. The original work contributes to the knowledge base of the profession, while the students develop professional research skills.

Program structure

www.rmit.edu.au/programs/mr016

Academic entrance requirements

Applicants will be considered on the basis of academic performance and/or professional experience. Osteopathic practitioners with other qualifications will be considered on the basis of their educational background, professional activities and contribution, in addition to their past academic record.

Psychology and intellectual disability

MR002 *Master of Applied Science – Psychology and Intellectual Disability*

CRICOS code: 029761J

Duration: 2 years

DR107 *Doctor of Philosophy (Psychology and Disability)*

CRICOS code: 065730F

Duration: 4 years

Bundoora and City campuses

Disability studies

Master and PhD supervision is offered in the following area related to disability: forensic issues, parental training, staffing, program evaluation, empowerment, ethics, advocacy and quality of life.

Psychology

Research supervision can be offered in: applied cognitive psychology, applied human psychobiology, clinical and health psychology (child, adolescent and adult), parenting skills, forensic psychology, educational psychology, developmental, cross-cultural psychology and teaching and development, and gerontology.

Program structure

www.rmit.edu.au/programs/mr002

www.rmit.edu.au/programs/dr107

Entrance requirements

English language

One of the following:

- » IELTS—7.0+ (Listening: 6.5; Reading: 6.5; Writing: 7; Speaking: 6)
- » TOEFL—Paper based = 600+ (TWE 5.0+)
- » TOEFL—Computer based = 250+ (TWE 5.0+)
- » TOEFL Internet based (iBT)—Overall score 100, writing minimum 24, all other sections minimum 22

Academic entrance requirements

An honours 2A degree or equivalent in disability studies, psychology or a related discipline.

Professional recognition

Psychology areas

Following completion of the master program graduates would normally be eligible for membership of the Australian Psychological Society but would need to complete certain professional training requirements in order to be registered with the Victorian Psychologists' Registration Board.

After completion of a PhD students with an approved four year undergraduate degree would normally be eligible for membership of the Australian Psychological Society, but will need to complete certain professional training requirements in order to be registered with the Victorian Psychologists' Registration Board.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

'RMIT is exceptionally well known in Australia.'

– Tartana Sirichoti, Thailand
Master of Business (Logistics Management)

'RMIT is exceptionally well known in Australia. The Master of Business (Logistics Management) program blends a combination of practical and theoretical activities to enable students to gain an optimal understanding of the topics.'

Tartana was attracted to logistics for its bright career prospects. It is an exciting and emerging area, in which only a handful of students are undertaking specialist studies.

'The advantage of doing the specialised logistics course over a general business one is that you graduate with a competitive edge, and acquire the strategic skills necessary for succeeding in the industry.'

COMPETITIVE EDGE

RMIT University has established a reputation for excellence in business and management education, providing high-quality, industry-responsive programs relevant for the national and global marketplace.

RMIT Business is constantly redefining its offerings to meet the emerging demands of the business and broader community, and ensure that programs remain at the cutting edge.

RMIT Business helps support innovative thinkers and develop future leaders by undertaking business-related research and linking student learning with business practice. This enables our students to engage skilfully and passionately in business, locally and internationally.

Most programs are offered at the Bourke Street campus in the heart of Melbourne. All RMIT Business programs offer international perspectives, preparing students to be pro-active and creative in responding to the challenges of globalisation. Our international study tours create unique opportunities for students to combine travel with studies focusing on various aspects of a region or area of study.

After many years of offshore teaching, RMIT is experienced in international education with activities such as student and staff exchanges, award course offerings and joint research with partners in Singapore, Malaysia, Indonesia, China, Japan, Hong Kong, Vietnam, the US, Canada and Europe. This provides an opportunity for staff and graduates to extend their professional networks worldwide.

Our postgraduate coursework integrates theory with practice so that students get real, hands-on knowledge and experience with lecturers who are practitioners in their fields. RMIT Business sees its connections with the corporate world as vital to its success and its distinctive market positioning. An important aspect of RMIT Business's reputation is that its graduates are regarded as work-ready and enjoy high levels of employment on completion of their studies.

Research programs are offered at masters and doctoral level. Research activity within RMIT Business falls under the following areas that aim to assist organisations and institutions to function more efficiently in a changing business environment:

- » Development of Professional and Management Practice
- » Entrepreneurship and Innovation
- » Financial Markets and Applied Econometrics
- » Health Services Management
- » Knowledge Management and e-Business
- » Organisational Accountability
- » Organisational Performance Measurement and Quality
- » Organisational Policy, Practice and Market Effect
- » Project Infrastructure and Construction Innovation and Management
- » Sustainable Business Practices
- » Transport Logistics

We are proactive in establishing close links with industry and addressing relevant research issues. Our collaborative ventures yield research that has broad economic, social and environmental implications beneficial to business, industry and the wider community.

Supervisor list

RMIT has hundreds of research supervisors listed, all with unique interests and areas of specialisation. For the latest up-to-date supervisor listing, please refer to: www.rmit.edu.au/research/hdr/supervisors

Double Masters in Business

Add six months full-time to your RMIT masters degree and gain two qualifications. RMIT University offers combined masters programs to new and existing students. Usually gained over a minimum of 24 months full-time, the programs are based on existing structures whereby students undertake a masters program and then transfer one year of credit towards their second masters program.

Conditions may apply regarding the choice of electives that can be undertaken.

Options available include:

First Masters Program (Duration: 1.5 years, except* where a 1 year duration is possible)	Second Masters Program (Duration: 6 months)
<i>Master of Professional Accounting</i>	<i>Master of Commerce</i>
<i>Master of Business (Information Technology)*</i>	<i>Master of Commerce</i>
<i>Master of Finance</i>	<i>Master of Commerce</i>
<i>Master of Business (Logistics Management)</i>	<i>Master of Commerce</i>
<i>Master of Business Administration (MBA)*</i>	<i>Master of Commerce</i>
<i>Master of Business Administration (Executive)</i>	<i>Master of Commerce</i>
<i>Master of Business (Marketing)</i>	<i>Master of Commerce</i>

www.rmit.edu.au/bus/doublemasters

Business

Biotechnology and business

GC074 Graduate Certificate in Biotechnology and Business

CRICOS code: 040967B

Duration: 0.5 year

GD129 Graduate Diploma in Biotechnology and Business

CRICOS code: 040970G

Duration: 1 year

MC129 Master of Biotechnology and Business

CRICOS code: 040972E

Duration: 1.5 years

City campus

Please refer to Health and Medical Sciences on page 84.

Business administration

MC088 Master of Business Administration (MBA)

CRICOS code: 057049A

Duration: 1 year (3 trimesters)

City campus

This program is a one-year full-time, intensive qualification designed specifically for today's graduate and based on industry requirements. If students are motivated to progress their career and enhance their employment opportunities, this MBA provides the tools necessary for an accelerated career in management.

RMIT University is recognised for its strong links to the real working life and its responsiveness to the needs of industry. Together with business mentoring support, the focus is on solving real problems and developing practical management skills that employers will value. RMIT's MBA will enhance students' international knowledge, perspective and readiness to work in a global environment—in large, medium or family businesses.

Program structure

	Credit points
» Business and Economic Analysis	12
» Company Project	12
» Creating Strategy	12
» Entrepreneurship and New Venture Creation	12
» Finance and Accounting for Business Decisions	12
» Global Business Context	12
» Implementing Strategy	12
» Leadership and Management	12
» Management Decision Making	12
» Managing People, Relationships and Performance	12
» Marketing Management	12
» Work and Careers	12

www.rmit.edu.au/programs/mc088

Teaching methods

Taking its cues from graduate employment programs, the MBA is predicated upon a structured approach to the accumulation of knowledge and skills. Courses are sequenced, with more sophisticated analysis and deeper integration of material delivered later in the program.

Classes are usually a combination of lectures and tutorials but also include seminars, simulations and site visits. Lectures deliver a comprehensive review of the latest thinking and world's best practice while tutorials provide opportunities for facilitated discussion as we explore the way issues unfold in the business environment. Factually based case studies, a key feature of successful quality MBA programs worldwide, are an important component of our courses and add further realism to the learning experience.

Assessment

Assessment is undertaken via a combination of group and individual assignments, student presentations and examinations. While group assignments are an important component of every course, the focus of the assessment is weighted towards individual performance.

Academic entrance requirements

A bachelor degree in any discipline from a recognised tertiary institution. Preference is given to students with a Grade Point Average (GPA) of credit.

Advanced standing

Upon successful completion of the MBA program, graduates will be eligible to apply for a 96 credit point exemption into RMIT's *Master of Commerce*. Successfully completing four additional courses within six months will result in the awarding of two master degrees in 1.5 years.

www.rmit.edu.au/bus/doublemasters

Business administration (executive)

MC162 Master of Business Administration (Executive)

CRICOS code: 058615A

Duration: 1.5 years

City campus

With a focus on solving realistic problems, RMIT's MBA (Executive) offers students an opportunity to complement their on-the-job experience with integrated and practical learning and to increase their opportunities for progression in their chosen career path. This program provides flexibility, convenience and choice for the busy working professional.

With its strong links into industry, RMIT University's Graduate School of Business (GSB) has designed this program in response to the challenges of today's fast-paced and increasingly complex global business environment. The program fosters leadership and strategic thinking with a strong emphasis on corporate responsibility, governance and developing the *softer* skills required to be a successful leader.

The program integrates management theory with practical management skills and includes the latest technology, research and education concepts. GSB faculty are in touch with industry needs and undertake leading research and consulting.

RMIT MBA alumni are leaders in large corporations, entrepreneurial enterprises, government and the not-for-profit sector.

Program structure

The core courses are designed to provide students with the necessary foundations for business management practice. Students are required to commence the program with Global Business Context and conclude with Implementing Strategy. There is a recommended order for the completion of core units to ensure the effective development and application of theory and skills.

Core courses

	<i>Credit points</i>
» Business and Economic Analysis	12
» Creating Strategy	12
» Finance and Accounting for Business Decisions	12
» Global Business Context	12
» Implementing Strategy	12
» Leadership and Management	12
» Managing People, Relationships and Performance	12
» Marketing Management	12

Electives

In addition to the eight core courses, students complete four elective courses.

RMIT's Graduate School of Business offers a range of electives each semester on a rotational basis. These may be studied individually or grouped to form specialisations in areas such as:

- » Entrepreneurship
- » Human performance
- » Innovation
- » Leadership
- » Negotiation

A key feature of the MBA (Executive) is the provision of a wide range of elective *majors* offered through other schools at RMIT*.

* Availability of majors and their constituent courses may vary from time to time.

In this way the MBA (Executive) offers considerable flexibility to tailor students' studies to suit their career plans. Sequences of four electives forming a major field of study are available in, but not limited to:

- » Applied Business Technology
- » Biotechnology
- » Communication and Information Technology
- » Financial and Economics
- » Human Services Management
- » Manufacturing Management
- » Marketing
- » Project Management
- » Supply Management

Students with a particular area of interest are welcome to discuss with the School other possible *major* study areas which may be available.

RMIT's Graduate School of Business also offers international study intensive tours:

- » Contemporary Issues in International Management (at RMIT Vietnam, Ho Chi Minh City)
- » European Management (in partnership with L'Ecole de Management Grenoble, France)

These electives are delivered over five days and students assume additional costs associated with travel, accommodation and incidentals.

For further information visit:

www.rmit.edu.au/gradschoolbusiness/studytours.

A further four electives in international management are available online via our partnership with Open Universities Australia:

- » Financing International Business
- » International Trade
- » Legal Issues in International Business
- » Management and E-Commerce

Students can also choose to undertake research projects as part of the elective component of their program. In order to do this they must approach the academic director with a suitable proposal. Depending on the breadth of the project and the student's previous research experience, they may be required to undertake a research methods course in addition to the research project.

www.rmit.edu.au/programs/mc162

Teaching methods and assessment

Classes in the MBA (Executive) are designed to ensure that the learning aspect of the course is paramount. Classroom discussion draws strongly from students' own experience, assignments focus on the practical application of new theory and skills and they are encouraged to become a reflective practitioner. Our facilitated learning approach uses a variety of educational methods including weekly evening classes (typically one-and-a-half hours), seminars (typically three hours), weekend block classes and five-day intensive courses. Face-to-face interaction is augmented by online class activity and discussion.

Most assessment tasks require students to analyse their own practice and that of their organisation thus ensuring relevance. Depending on the courses selected, the progress will be assessed by a combination of group and individual assignments and examinations. While group assignments are an important component of every course, the focus of the assessment is weighted towards individual performance.

Academic entrance requirements

The MBA (Executive) program has two entrance pathways:

Academic and work experience

A bachelor degree in any discipline from a recognised tertiary institution and evidence of substantial, relevant work experience. Typically this will consist of at least five years experience in a managerial position after completion of an undergraduate degree.

Management and work experience

Entry may be granted to applicants who do not have an undergraduate degree but can demonstrate through professional work experience their capacity to successfully undertake this program. Typically this would consist of at least 8–10 years of business experience, at least five of which must have been in a management role.

Advanced standing

Upon successful completion of the MBA (Executive) program, graduates will be eligible to apply for a 96 credit point exemption into RMIT's *Master of Commerce*. Successfully completing four additional courses within six months will result in the awarding of two master degrees.

www.rmit.edu.au/bus/doublemasters

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Business information technology

GD145 Graduate Diploma in Business Information Technology

CRICOS code: 048890J

Duration: 1 year

MC094 Master of Business (Information Technology)

CRICOS code: 002665J

Duration: 1.5 years

MC094A Master of Business (Information Technology)

CRICOS code: 057654B

Duration: 1 year (3 trimesters)

City campus

RMIT University has established a reputation of excellence in business and management education, providing high-quality, industry-responsive programs relevant for the national and global marketplace. RMIT Business helps create the future by undertaking business-related research and by providing work-integrated learning that enables students to engage skilfully and passionately in business, locally and internationally.

The *Master of Business (Information Technology)* (MBIT) is a cutting-edge postgraduate program addressing information and communications technology applications in business organisations. It prepares students for careers in IT management, information and knowledge management and e-business. Supported by leading-edge research addressing emerging IT issues, it offers a broad range of electives to suit individual career aspirations. Graduates from this program are qualified to undertake challenging positions in business and government organisations, and to act as catalysts of change in IT-focused, networked and digitised organisations.

MBIT graduates work effectively in the public and private sectors in positions such as: IT manager or consultant, chief information officer, e-business and e-procurement manager, business and systems analyst or system management analyst, database administrator, IT project manager, web developer, systems architect and IT contract manager.

Global study tours

A strong feature of the MBIT program is the availability of study tours around the world. Students are provided with the opportunity to globalise their studies, have an international experience at a foreign location and complete a 24-credit-point course in intensive mode. Study tours combine academic discipline with industry visits and cultural and historical tours. Each year the School conducts tours to the USA, China, Vietnam and Canada in partnership with the University of Maryland, Georgetown University, Fudan University, Shanghai Institute of Foreign Trade, Ryerson University and RMIT Vietnam.

Program structure

Stage one

» Globalisation and Business IT	12
» Three elective courses	36

Stage two

» Four elective courses	48
-------------------------	----

Stage three

» IT Strategy	12
» Three elective courses	36

Electives

» Advanced Database Systems	12
» Advanced Information Retrieval	12
» Business Background	12
» Business Globalisation (Study Abroad)	12
» Business Information Systems Development	12
» Business Intelligence	12
» Business Process Modelling	12
» Business Solutions Using Spreadsheet Models	12
» Business Systems Management	12
» Computerised Accounting Systems	12
» Decision Support Systems	12
» E-Business Technology	12
» E-Business Models and Issues	12
» E-Commerce Development	12
» E-Procurement and Supply Chain Technologies	12
» Effective Human-Computer Interaction Solutions with Business Information Systems	12
» Electronic Publishing	12
» Enterprise Systems	12
» Information Resources Management	12
» Information Systems Research Methods	12
» Information Systems Security	12
» IT Governance and Change Management	12
» IT Industry	12
» IT Outsourcing Issues and Management	12
» IT Project Management	12
» Knowledge Management	12
» Management Information Systems	12
» Management of Computer Resources	12
» Managing the Networked Enterprise	12
» Professional Project	12
» Records and Archives Administration	12
» Systems Analysis and Design	12
» System Dynamics Modelling	12
» Usability Analysis	12

www.rmit.edu.au/programs/mc094

Credit points

Teaching methods and assessment

Teaching consists of a mix of intensive periods of teaching, including lectures, presentations, workshops and group work based on selected readings, which are provided as part of the program. The exact format varies from course to course. Emphasis is placed on group work, and on group support for independent study and project work outside of teaching periods.

Courses are offered both during the day and later afternoon/early evening. Some advanced level electives workshops are offered over several days and/or weekends.

Additional costs

This program may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Please contact the School for details.

Academic entrance requirements

A bachelor degree in any discipline from a recognised tertiary institution.

At the discretion of the Head of School, a limited number of experienced mature age applicants may be admitted without previous tertiary qualifications.

Advanced standing

Upon successful completion of the *Master of Business (Information Technology)*, graduates will be eligible to apply for a 96 credit point exemption into RMIT's *Master of Commerce*. Successfully completing four additional courses within six months will result in the awarding of two master degrees.

www.rmit.edu.au/bus/doublemasters

Professional recognition

The *Master of Business Information Technology* is accredited at professional level (the highest level) with the Australian Computer Society (ACS), the recognised association for Information and Communications Technology (ICT) professionals. Students who wish to acquire ACS accreditation will be advised to study a specific program. For further information on the ACS, please visit:

www.acs.org.au.

Careers

MBIT graduates work effectively in the public and private sectors. They are in the following positions at organisations in Australia and around the world: IT manager; IT consultant; chief information officer; e-business and e-procurement managers; business and systems analyst; system management analyst; database administrator; IT project manager; web developer; systems architect; and IT contract manager.

Commerce

GC104 Graduate Certificate of Commerce

CRICOS code: 048771E

Duration: 0.5 year

GD140 Graduate Diploma of Commerce

CRICOS code: 048770F

Duration: 1 year

MC140 Master of Commerce

CRICOS code: 048769K

Duration: 1.5 years

City campus

RMIT University has established a reputation of excellence in business and management education, providing high quality, industry responsive programs relevant for the national and global market place. RMIT Business helps create the future by undertaking business related research and by providing work-integrated learning that enables students to engage skilfully and passionately in business, locally and internationally.

The *Master of Commerce* enables students to design their own program of study tailored to their own career aspirations. Students can select an appropriate set of postgraduate courses primarily from those offered by RMIT Business. The selection depends on their satisfying each course's prerequisite entry criteria and is based on guidance and assistance from academic staff.

The compulsory introductory courses that each *Master of Commerce* student must complete are Business and Government in a Global Context and Professional Business Practice. This course provides students with a basis for understanding contemporary business issues, and a robust foundation for further *Master of Commerce* studies. These are the only compulsory courses in the *Master of Commerce*.

Program structure

The program comprises 144 credit points—which generally equals 12 courses, each of 12 credit points. At least nine (12 credit point) courses must come from postgraduate courses offered by RMIT Business and must include the two compulsory courses. In addition, students must undertake a research course worth 12 credit points. It is possible to choose up to three (12 credit point) postgraduate courses from any discipline of RMIT University. All courses chosen must be approved by the *Master of Commerce* program coordinator.

Specialist sequences

A range of postgraduate courses are available for students within RMIT Business. Individual elective sequences may be tailored from courses offered in accounting, business information technology, economics, finance, law, logistics, management and marketing. Students are encouraged to complete at least one specialist sequence as part of their program of study. Advice on specialist sequences may be sought from the *Master of Commerce* program administrator and program coordinator.

Electives

The following is an example of electives offered in the program.

Accounting and law

- » Accounting for Management Decisions
- » Business Law
- » Corporations Law
- » Legal Aspects of Company Finance
- » Taxation Law and Practice

Business information technology

- » Advanced Database Systems
- » B2B e-Commerce Applications
- » Business Background
- » Business Information Systems Development
- » Business Intelligence
- » Business Solutions Using Spreadsheet Models
- » Business Systems Management
- » Computerised Accounting Systems
- » Decision Support Systems
- » e-Business Models and Issues
- » e-Business Technology 1
- » e-Commerce Development 1
- » Electronic Publishing
- » Globalisation and Business IT
- » Information Systems Research
- » Information Systems Security
- » IT Project Management
- » The IT Industry
- » IT Strategy
- » Knowledge and Innovation
- » Knowledge Management
- » Management Information Systems
- » Management of Computing Resources
- » Managing the Networked Enterprise
- » Professional Business Practice
- » Systems Analysis and Design
- » The Global Network

Economics and finance

- » Advanced Corporate Finance
- » Economic Analysis for Business
- » Economics for Information Networks
- » Financial Decision Making
- » Financial Econometrics
- » Financial Statement Analysis
- » International Finance and Asian Capital Markets
- » Managerial Finance
- » Money Markets and Fixed Income Securities
- » Quantitative Methods

Graduate School of Business

- » International Trade
- » Legal Issues in International Business
- » Understanding Organisations

Logistics management

- » e-Business Supply Chain
- » International Logistics
- » Logistics Systems
- » Risk Analysis and Assessment
- » Supply Chain Principles
- » Transport and Physical Distribution

Management

- » Business and Government in a Global Context
- » Business Planning
- » Contemporary Issues in HR Management
- » Management 1—Managing People

Marketing

- » Buyer Behaviour
- » Brand and Product Management
- » Market Research
- » Marketing Communications Strategy
- » Marketing Management and Implementation
- » Services Marketing and Management
- » Strategic Planning in Marketing

www.rmit.edu.au/programs/mc140

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Teaching methods

Teaching consists of a mix of intensive periods of teaching, including lectures, presentations, workshops and group work based on selected readings. Classes may be held during the evenings, or as full day or weekend sessions at the Melbourne City campus. The exact format varies from course to course. Students might be required to undertake solo or group work, and independent study and project work outside of teaching periods.

Academic entrance requirements

A bachelor degree in any discipline from a recognised tertiary institution.

Additional costs

Depending on the selection of courses undertaken in this program, students may incur extra costs for items such as textbooks, program notes, field trips, special equipment and materials. Each specific course coordinator will inform the student of extra charges.

Finance

MC091 Master of Finance

CRICOS code: 002725B

Duration: 1.5 years

City campus

RMIT University has established a reputation of excellence in business and management education, providing high-quality, industry-responsive programs relevant for the national and global marketplace. RMIT Business helps create the future by undertaking business-related research and by providing work-integrated learning that enables students to engage skilfully and passionately in business, locally and internationally.

The *Master of Finance* aims to provide students with the practical and theoretical knowledge and skills to enable them to become a literate and analytical practitioner and/or researcher in finance. The program offers the following distinctive features:

- » a basic understanding of the principles of finance
- » an opportunity to undertake research
- » a strong emphasis on the use of econometrics to analyse financial markets
- » access to comprehensive financial databases
- » workshops and seminars in finance
- » an opportunity to use sophisticated software for option simulations, treasury dealing, financial engineering and risk management.

Program structure

Year one

	<i>Credit points</i>
» Corporate Finance	12
» Financial Econometrics	12
» International Finance	12
» Money Markets and Fixed Income Securities	12
» Quantitative Methods in Finance	12
» Risk Management and Financial Engineering	12
» Two electives	24

Year two

» Research Issues in Finance	36
» One elective	12

Electives

» Corporate Governance and Financial Strategy	12
» Econometric Technique	12
» Financial Economics	12
» Financial Statement Analysis	12
» Funds Management	12
» Legal Aspects of Company Finance*	12
» Strategic Asset Allocation	12

* Students must take Legal Aspects of Company Finance if they have not taken a similar course in their undergraduate studies. Should this course not be offered in a particular semester, a comparable course will be offered.

www.rmit.edu.au/programs/mc091

Teaching methods

Intensive teaching will involve participation in classes over a maximum of three Saturdays per course in any semester, although two Saturdays per course should be regarded as being the usual expectation. A detailed teaching timetable will be available at enrolment.

Assessment

Student progress is assessed by assignments, class participation, syndicate projects and final examination.

Academic entrance requirements

- » A bachelor degree in a business field or a bachelor degree that includes quantitative subjects (for example, engineering, mathematics or IT) from a recognised tertiary institution.
- » Applicants should have appropriate computer skills.
- » Students who are full members of CPA Australia or have completed CFA Level 1 may be eligible for up to three course exemptions.

Advanced standing

Upon successful completion of the *Master of Finance*, graduates will be eligible to apply for a 96 credit point exemption into RMIT's *Master of Commerce*. Successfully completing four additional courses within six months will result in the awarding of two master degrees.

Note: The sequence of study cannot be reversed, the *Master of Finance* must be completed first.

www.rmit.edu.au/bus/doublemasters

Professional recognition

Upon successful completion of the *Master of Finance* graduates will meet the education requirements for the Senior Associate (SA Fin) of FINSIA and can become a Certified Finance and Treasury Professional (CTP) of the Finance and Treasury Association.

Careers

Graduates of this degree will work in the financial sector or in the treasury/finance functions of large or small corporations. Prospective job roles include finance director, treasurer, banker, stockbroker, financier, working capital specialist, credit manager, financial analyst and fund manager.

Information management

GD088 Graduate Diploma in Information Management

CRICOS code: 039479F

Duration: 1 year

MC179 Master of Information Management

CRICOS code: 068392F

Duration: 1.5 years

City campus

RMIT University has established a reputation of excellence in business and management education, providing high-quality, industry-responsive programs relevant for the national and global marketplace. RMIT Business helps create the future by undertaking business-related research and by providing work-integrated learning that enables students to engage skilfully and passionately in business, locally and internationally.

Postgraduate study in information management will provide students with valuable new skills and understanding. Students will be equipped as an information professional to meet contemporary technological, marketing, and accountability challenges.

Postgraduate study in information management gives students a mixture of practical and management skills that will assist them in their professional development. The challenge for most information professionals is to learn about new information management opportunities that use IT, how to assess options, and how to manage the impact of new information-based products and services. Postgraduate study in information management addresses these issues.

Postgraduate study in information management aims to produce graduates with in-depth knowledge who:

- » understand the principles and practices of information management
- » exercise informed judgement to meet the information needs of their clients
- » understand the social and ethical issues related to information provision
- » use appropriate technology in the development of information services
- » are ready to actively participate in the knowledge economy
- » have sufficient practice and experience to ensure they have appropriate skills.

Program structure

Graduate diploma

Credit points

- » Document Management 1 12
- » Information Centre Management 12
- » Information Organisation in Libraries 12
- » Information Provision 1 12
- » Document Management 2 12
- » Information Provision 2 12
- » Professional Issues and Practice 12
- » Select one elective from list under master 12

Master

Complete 48 credit points (4 courses) from the following:

- » Recreational Literature 12
- » Advanced Information Retrieval 12
- » Records Management and Archive Administration 1 12
- » The Global Network 12
- » Information Project 12
- » Professional Project 12
- » Electronic Publishing 12
- » Knowledge Management 12

Students also have the option of completing a minor thesis. Selection of other courses from the *Master of Business (Information Technology)* can be arranged subject to approval.

www.rmit.edu.au/businessit

Teaching methods and assessment

Most courses are offered via face-to-face teaching. Each course usually involves three hours of class contact—a lecture plus tutorial—per week, and approximately six hours of out-of-class preparation and assignment work. Full-time students should expect to make a consistent commitment of approximately 40 hours each week to cover attendance at classes and to complete program requirements.

Courses are usually offered in the late afternoon/early evening with some tutorials offered during the day.

Academic entrance requirements

A bachelor degree in any discipline from a recognised tertiary institution.

Work integrated learning

A compulsory work experience component is the equivalent of three weeks of full-time work. This can be taken at midyear or at the end of the year. Students with appropriate experience may seek an exemption from this placement.

Professional recognition

Graduates are eligible for professional membership of the Australian Library and Information Association (ALIA), provided the recommended pathway is followed, as described. Victoria's Department of Education and Training also recognises the graduate diploma. Students are also eligible for membership of the Institute for Information Management.

Careers

RMIT graduates work as information, document and records managers, librarians, archivists, teacher librarians, community information officers, database specialists, research and information analysts, in private industry, government and semi-government bodies, universities, schools, and professional associations. Some operate as independent information brokers or consultants.

Postgraduate study in information management can also open the door to careers in electronic document management with application in an increasing number of areas such as litigation support, health and welfare, public administration and a variety of industry groups.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Logistics management

MC101 *Master of Business (Logistics Management)*

CRICOS code: 012966B

Duration: 1.5 years

City campus

RMIT University has established a reputation of excellence in business and management education, providing high-quality, industry-responsive programs relevant for the national and global marketplace. RMIT Business helps create the future by undertaking business-related research and by providing work-integrated learning that enables students to engage skilfully and passionately in business, locally and internationally.

The *Master of Business (Logistics Management)* provides students with a practical and theoretical approach to understanding the forces underlying the functions and operations of logistics and supply chain management. It offers a broad-based, capability-driven curriculum aimed at enriching their skills in meeting the challenges of global and domestic markets in the face of a rapidly changing business environment. It places strong emphasis on addressing the strategic factors of servicing customers through the activities of dynamic and complex supply chains.

The courses offered blend theories, methods, and techniques within the context of logistics and supply chain management, with a strong accent on bringing theories to bear on practices.

Our objective is to enable students to conduct a critical examination of all factors that constitute a supply chain. In addition to studying supply chain concepts, students will consider the relationship of specific logistics operations to the supply chain, the measurement of logistics performance, and the management of operations in a distribution environment. It is ideally suited to people who have business or military experience, including management responsibility for aspects of logistics operations, supply chain management and systems.

Program structure

Core courses

	<i>Credit points</i>
» Accounting for Management Decisions	12
» Applied Data Interpretation and Utilisation	12
» Colloquium in Contemporary Logistics and Supply Chain Practices [^]	12
» Logistics Practice Workshop [†]	12
» Logistics Systems	12
» Practice-Based Logistics Research Project 1	12
» Practice-Based Logistics Research Project 2	12
» Strategic Supply Chain Management	12
» Supply Chain Principles	12
» One elective from list below	12
» One elective from list below [^]	12
» One elective from list below [†]	12

Electives

» E-Business Supply Chains	12
» International Logistics	12
» Management 1 – Managing People	12
» Managing Supply Contracts	12
» Marketing Management and Implementation	12
» Reverse Logistics and the Environment	12
» Risk Analysis and Assessment	12
» Transport and Physical Distribution	12

* Core course for students with less than two years of relevant work experience.

[^] For students with two or more years of relevant work experience.

www.rmit.edu.au/programs/mc101

Teaching methods

Courses are delivered in intensive workshop mode. Workshops are usually held over three to four days with additional tutorials held in mid-semester for each course.

Assessment

Depending on courses selected, student progress is usually assessed by a combination of group and individual assignments and examination.

Academic entrance requirements

One of the following:

- » A bachelor degree in logistics and supply chain, transport, business management, engineering and science, economics, planning or geography from a recognised tertiary institution.
- » Defence personnel above the rank of captain with five years' logistics operations management experience may apply for entrance and will be considered after an interview.
- » Applicants holding a management position with more than 10 years' business/ military experience, including management responsibility for an aspect of logistics operations and systems. Some form of management education is preferred.

Admission to the program is on a competitive basis. Applicants will be evaluated against a number of criteria, including performance in previous studies and years of relevant work experience.

Advanced standing

Upon successful completion of the *Master of Business (Logistics Management)*, graduates will be eligible to apply for a 96 credit point exemption into RMIT's *Master of Commerce*. Successfully completing four additional courses within six months will result in the awarding of two master degrees.

www.rmit.edu.au/bus/doublemasters

Professional recognition

The *Master of Business (Logistics Management)* is accredited by the Chartered Institute of Purchasing and Supply®.

Careers

Students who intend to advance their careers in the supply chain or logistics field, or undertake studies to change career paths are generally enrolled in this program. Graduates may expect to be employed in a wide range of industries locally and overseas.

Marketing

MC103 *Master of Business (Marketing)*

CRICOS code: 014892K

Duration: 1.5 years

City campus

RMIT University has established a reputation of excellence in business and management education, providing high-quality, industry-responsive programs relevant for the national and global marketplace. RMIT Business helps create the future by undertaking business-related research and by providing work-integrated learning that enables students to engage skilfully and passionately in business, locally and internationally.

The *Master of Business (Marketing)* program addresses the need for high-level expertise in marketing, specifically for managers whose career development and interests are leading into marketing management. If the position requires an in-depth appreciation of the role of marketing in the overall success of the organisation, then students would benefit from this program.

Students will have opportunities to:

- » increase their knowledge of the marketing concepts, techniques and issues relevant to managers
- » acquire knowledge and understanding of the role of marketing and its relationships with other important functional areas in management
- » develop the ability to apply their expertise and knowledge to planning, directing, implementing, monitoring and controlling an organisation's marketing effort
- » identify personal skills required and improve personal management competencies
- » develop the ability to design and undertake appropriate research into sophisticated marketing decision-making situations
- » develop an appreciation of the global potential of an organisation
- » expand their range of knowledge and capabilities by studying non-marketing courses in the program.

Program structure

Core courses

Credit points

- » Accounting for Management Decisions 12
- » Buyer Behaviour 12
- » Managing Human Performance 12
- » Marketing Communication Strategy 12
- » Marketing Management and Implementation 12
- » Marketing Research and Forecasting 12
- » Practice-Based Marketing Research Project 1 12
- » Practice-Based Marketing Research Project 2 12
- » Strategic Planning in Marketing 12

Electives

Select 36 credit points

- » Brand and Product Management 12
- » Competitive Business to Business Marketing 12
- » Contemporary Marketing Seminar Series 12
- » International Marketing 12
- » Online Marketing 12
- » Sales Negotiation and Management 12
- » Services Marketing and Management 12
- » Special Marketing Topic 12

www.rmit.edu.au/programs/mc103

Teaching methods

Courses are mostly offered in the evening and occasionally on weekends.

Assessment

Depending on courses selected, student progress is assessed by a combination of group and individual assignments and examination.

Academic entrance requirements

A bachelor degree in any discipline from a recognised tertiary institution; and evidence of at least one year of practical business experience in a business or marketing related environment is required. The work experience criterion is an essential prerequisite for the program.

Special entry may be granted to applicants who do not possess the basic entrance qualifications but who can demonstrate through previous study and/or professional work experience (8–10 years) their capacity to successfully undertake this program.

An interview may be conducted as part of the selection process.

Students enrol in the *Master of Business (Marketing)*, however, they may apply for early exit and be awarded the *Graduate Certificate in Marketing* (four courses—48 credit points) or *Graduate Diploma in Marketing* (eight courses—96 credit points).

Advanced standing

Upon successful completion of the *Master of Business (Marketing)*, graduates will be eligible to apply for a 96 credit point exemption into RMIT's *Master of Commerce*. Successfully completing four additional courses within six months will result in the awarding of two master degrees.

www.rmit.edu.au/bus/doublemasters

Note: The sequence of study cannot be reversed.

Professional recognition

Students who successfully complete the degree qualify for membership of the Australian Marketing Institute, the Market Research Society of Australia and the Marketing Association of Australia and New Zealand.

Careers

Program participants come from a very wide range of backgrounds and industries. During the program all are generally employed full-time. The program enhances opportunities to:

- » obtain promotion and more senior positions
- » be more effective in a marketing role
- » contribute more to specific marketing activities.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Professional accounting

MC083 *Master of Professional Accounting*

CRICOS code: 035363F

Duration: 1.5 years

City campus

RMIT University has established a reputation of excellence in business and management education, providing high-quality, industry-responsive programs relevant for the national and global marketplace. RMIT Business helps create the future by undertaking business-related research and by providing work-integrated learning that enables students to engage skilfully and passionately in business, locally and internationally.

The *Master of Professional Accounting* (MPA) provides students with practical and theoretical knowledge, skills and expertise to enable them to become a literate and analytical practitioner in accounting. It is designed for graduates of non-accounting disciplines who wish to broaden their career prospects.

Graduates from the MPA gain employment in various sectors including:

- » public accounting practice, supporting staff teams in areas such as auditing, taxation, management consulting, business services and receivership
- » commercial and government organisations in roles such as treasury, internal audit, strategic business planning, financial reporting and management accounting.

The Department of Employment and Workplace Relations has identified accounting as an industry with a national skills shortage.

Employment opportunities for accountants are very good and span a variety of roles in many different settings including:

- » reporting to senior management on the resources of the organisation
- » monitoring the cash flow and financial resources of the organisation
- » advising business on strategies for increased profits—providing financial advice
- » preparing financial reports, reconciling accounts and maintaining registers and records
- » evaluating business plans
- » refining financial systems
- » providing taxation advice
- » running a small business.

Program structure

The MPA comprises of six core courses and six elective courses. The following is an example of a typical 12 course program.

Six core courses	<i>Credit points</i>
» Introduction to Financial Accounting	12
» Business and Corporations Law	12
» Management and Cost Accounting	12
» Accounting for Corporations	12
» Financial Decision Making	12
» Contemporary Accounting Thought	12
Six elective courses	
» Economic Analysis for Business	12
» Taxation Law and Practice	12
» Quantitative Methods for Accounting	12
» Auditing and Assurance Services	12
» Strategic Info Systems and Accounting	12
» General Elective	12

www.rmit.edu.au/programs/mc083

Teaching methods

A variety of teaching and learning techniques are used in the delivery of the program including:

- » workshops
- » team projects
- » lectures and tutorials
- » research projects.

Assessment

There are a variety of assessment methods including essays, projects and examinations.

Academic entrance requirements

A bachelor degree in any discipline other than accounting from a recognised tertiary institution.

Students who have completed a degree from an Australian university with an accounting major will not be considered for admission.

Advanced standing

Upon successful completion of the *Master of Professional Accounting*, graduates will be eligible to apply for a 96 credit point exemption into RMIT's *Master of Commerce*. Successfully completing four additional courses within six months will result in the awarding of two master degrees.

www.rmit.edu.au/bus/doublemasters

Note: The sequence of study cannot be reversed, *Master of Professional Accounting* must be completed first.

Professional recognition

The MPA is specifically designed to comply with the accreditation requirements of the professional accounting bodies in Australia: CPA Australia and the Institute of Chartered Accountants in Australia. Successful completion of eight specific courses within the MPA entitles students to apply for associate membership of CPA Australia, the Institute of Chartered Accountants in Australia and the National Institute of Accountants. Students must then undertake the chosen professional body's qualification program and gain three years' relevant practical experience to gain full membership.

Careers

Graduates may gain employment in various sectors including:

- » public accounting practice, supporting staff teams in areas such as auditing, taxation, management consulting, business services and receivership
- » commercial and government organisations in roles such as treasury, internal audit, strategic business planning, financial reporting and management accounting.

The employment opportunities for accountants are very good and span a variety of roles in many different settings:

- » reporting to senior management on the resources of the organisation
- » monitoring the cash flow and financial resources of the organisation
- » advising business on strategies for increased profits—providing financial advice
- » preparing financial reports, reconciling accounts and maintaining registers and records
- » evaluating business plans
- » refining financial systems
- » providing taxation advice
- » running a small business.

Accounting

MR072 *Master of Business – Accountancy*

CRICOS code: 002724C

Duration: 2 years

DR075 *Doctor of Philosophy (Accountancy)*

CRICOS code: 065710K

Duration: 4 years

City campus

The broad research specialisations covered by accounting and law include accounting education; auditing; financial accounting; social and environmental accountability and reporting; corporate governance; and computer law.

The research for a *Master of Business* by research should demonstrate a thorough understanding of the relevant field of study, must be undertaken competently and must result in a discernible contribution in the field of study concerned.

The *Doctor of Philosophy* requires a more substantial and rigorous research project than the *Master of Business* by research.

Program structure

www.rmit.edu.au/programs/dr075

Academic entrance requirements

Master

The possession of an appropriate first degree from RMIT or equivalent with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program, and fulfilment of any other conditions relating to prerequisite studies or examinations which may be required. It is expected that applicants will have completed an undergraduate degree in a business-related discipline.

PhD

The possession of an honours degree (first class or second upper) or master by research from RMIT or another University; or master by coursework which includes a research program with a duration of at least one semester; the possession of such other qualification which is accepted by RMIT as equivalent or superior to the above degrees.

In most cases, applicants who hold a coursework master would enrol in a *Master of Business* by research and seek to transfer into the PhD program once they have demonstrated the ability to undertake research. In these circumstances, the period enrolled as a master candidate will be counted towards the doctoral program.

Business

MR081 *Master of Business – Business*

CRICOS code: 002724C

Duration: 2 years

DR076 *Doctor of Philosophy (Business)*

CRICOS code: 065719A

Duration: 4 years

City campus

Applications are welcomed from graduates with a research interest in a range of aspects of business management, including: business ethics, business modelling, business strategy, leadership, organisational change, and innovation and entrepreneurship.

Program structure

www.rmit.edu.au/programs/dr076

Academic entrance requirements

Master

The possession of an appropriate first degree from RMIT or equivalent with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program.

PhD

The possession of an honours degree (first class or second upper) or master by research from RMIT or another University; or master by coursework which includes a research program with a duration of at least one semester; the possession of such other qualification which is accepted by RMIT as equivalent or superior to the above degrees. Applicants with a *Master of Business* by coursework (including MBA) are usually required to enrol in a *Master of Business* by research. Transfer from the *Master of Business* by research to a PhD is then possible if criteria related to progress are met.

Relevant work experience is also taken into account for both programs.

Business information systems

MR076 *Master of Business – Business Information Systems*

CRICOS code: 002724C

Duration: 2 years

DR077 *Doctor of Philosophy (Business Information Systems)*

CRICOS code: 065715E

Duration: 4 years

City campus

The major areas of research interest in business IT are digital economy, IT policy, mobile technologies, social networking technologies, human computer interaction, green IT, systems evaluation and modelling, knowledge management and supply chain and logistics research. The School also has an interest in human-computer interaction (HCI) and in various aspects of information management. The *Doctor of Philosophy* requires a more substantial and rigorous research project than the *Master of Business* by research.

Program structure

www.rmit.edu.au/programs/dr077

Academic entrance requirements

Master

The possession of an appropriate first degree from RMIT or equivalent with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program, and fulfilment of any other conditions relating to prerequisite studies or examinations which may be required. It is expected that applicants will have completed an undergraduate degree in a business-related discipline.

PhD

The possession of an honours degree (first class or second upper) or master by research from RMIT or another University; or master by coursework which includes a research program with a duration of at least one semester; the possession of such other qualification which is accepted by RMIT as equivalent or superior to the above degrees.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Economics and finance

MR075 *Master of Business – Economics and Finance*

CRICOS code: 002724C

Duration: 2 years

DR078 *Doctor of Philosophy (Economics and Finance)*

CRICOS code: 065714F

Duration: 4 years

City campus

The broad research specialisations covering economics and finance currently include: microeconomics; macroeconomics; econometrics; finance; capital markets and financial institutions; financial instruments; international monetary economics; and industrial economics.

The research for a *Master of Business* by research should demonstrate a thorough understanding of the relevant field of study, must be undertaken competently and must result in a discernible contribution in the field of study concerned.

The *Doctor of Philosophy* requires a more substantial and rigorous research project than the *Master of Business* by research.

As part of both the *Master of Business* by research and the *Doctor of Philosophy* programs, students are required to complete a one semester business research methods unit (Business Research Methods).

Program structure

www.rmit.edu.au/programs/dr078

Academic entrance requirements

Master

The possession of an appropriate first degree from RMIT or equivalent with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program, and fulfilment of any other conditions relating to prerequisite studies or examinations which may be required. It is expected that applicants will have completed an undergraduate degree in a business-related discipline.

PhD

The possession of an honours degree (first class or second upper) or master by research from RMIT or another University; or master by coursework which includes a research program with a duration of at least one semester; the possession of such other qualification which is accepted by RMIT as equivalent or superior to the above degrees.

Logistics

MR079 *Master of Business – Logistics*

CRICOS code: 002724C

Duration: 2 years

DR079 *Doctor of Philosophy (Logistics)*

CRICOS code: 065718B

Duration: 4 years

City campus

The broad research specialisations covering logistics include:

- » e-business
- » entrepreneurship
- » family business
- » international logistics management
- » logistics management
- » logistics systems
- » supply chain analysis
- » supply chain management
- » sustainability and commerce
- » tourism.

PhD and master by research programs aim to foster knowledge and skills in graduates, equipping them to undertake independent research; to provide students with an opportunity to pursue a topic of interest; and to develop concepts and to test theories, thereby making a significant contribution to knowledge.

The research for a *Master of Business* by research should demonstrate a thorough understanding of the relevant field of study, must be undertaken competently, and must result in a discernible contribution in the field of study concerned.

The *Doctor of Philosophy* requires a more substantial and rigorous research project than the *Master of Business* by research.

Program structure

www.rmit.edu.au/programs/dr079



Student profile

Mohit Marfatia, India

Master of Finance

'I have been working in the banking industry for two years as a Financial Advisor and wanted to further my career in this field. The Master of Finance offers the best scope and the best facilities in the field.'

'RMIT University gives students exciting and varied career opportunities, boasts academics that are influential within industry, and allows students access to the latest computer technology with the Financial Markets Simulator to support their studies.'

Academic entrance requirements

Master

The possession of an appropriate first degree from RMIT or equivalent with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program.

PhD

The possession of an honours degree (first class or second upper) or master by research from RMIT or another University; or master by coursework which includes a research program with a duration of at least one semester; the possession of such other qualification which is accepted by RMIT as equivalent or superior to the above degrees. Applicants with a *Master of Business* by coursework (including MBA) are usually required to enrol in a *Master of Business* by research in the first instance.

Transfer from the *Master of Business* by research to a PhD is then possible when criteria related to sound progress are met. In these circumstances, the period enrolled as a master candidate will be counted towards the doctoral program.

Relevant work experience is also taken into account for both programs.

Management

MR073 *Master of Business – Management*

CRICOS code: 002724C

Duration: 2 years

DR080 *Doctor of Philosophy (Management)*

CRICOS code: 065713G

Duration: 4 years

City campus

Applications are welcomed from graduates with a research interest in a range of aspects of business management within the broad fields of: employment relations, entrepreneurship and innovation, global business, logistics and supply chain and organisational behaviour and theory.

Program structure

www.rmit.edu.au/programs/dr080

Academic entrance requirements

Master

The possession of an appropriate first degree from RMIT or equivalent with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program, and fulfilment of any other conditions relating to prerequisite studies or examinations which may be required. It is expected that applicants will have completed an undergraduate degree in a business-related discipline.

PhD

The possession of an honours degree (first class or second upper) or master by research from RMIT or another University; or master by coursework which includes a research program with a duration of at least one semester; the possession of such other qualification which is accepted by RMIT as equivalent or superior to the above degrees. Applicants with a *Master of Business* by coursework (including MBA) are usually required to enrol in a *Master of Business* by research in the first instance.

Transfer from the *Master of Business* by research to a PhD is then possible when criteria related to sound progress are met. In these circumstances, the period enrolled as a master candidate will be counted towards the doctoral program.

Relevant work experience is also taken into account for both programs.

Marketing

MR078 *Master of Business – Marketing*

CRICOS code: 002724C

Duration: 2 years

DR081 *Doctor of Philosophy (Marketing)*

CRICOS code: 065716D

Duration: 4 years

City campus

The principal aims of the PhD and master by research programs are to foster knowledge and skills in graduates, equipping them to undertake independent research; to provide students with an opportunity to pursue a topic of interest; and to develop concepts and to test theories, thereby making a significant contribution to knowledge.

The research for a master degree by research should demonstrate a thorough understanding of the relevant field of study and must be undertaken competently to result in a discernable contribution in the field of study concerned.

The *Doctor of Philosophy* requires a more substantial and rigorous research project than the master by research.

As part of both the master by research and the *Doctor of Philosophy* programs, students are required to complete a one semester Business Research Methods.

Research specialisations include:

- » branding
- » business to business marketing
- » buyer behaviour
- » consumer behaviour
- » customer behaviour
- » customer relationship management
- » electronic marketing
- » integrated marketing communications
- » macro marketing
- » product innovation
- » service quality
- » services marketing
- » social marketing
- » sponsorship
- » word of mouth.

Program structure

www.rmit.edu.au/programs/dr081

Academic entrance requirements

Master

The possession of an appropriate first degree from RMIT or equivalent with at least a credit average in the final undergraduate year; or evidence of experience which satisfies RMIT that the applicant has developed a knowledge of the field of study sufficient to undertake the proposed program, and fulfilment of any other conditions relating to prerequisite studies or examinations which may be required. It is expected that applicants will have completed an undergraduate degree in a business-related discipline.

PhD

The possession of an honours degree (first class or second upper) or master by research from RMIT or another University; or master by coursework which includes a research program with a duration of at least one semester; the possession of such other qualification which is accepted by RMIT as equivalent or superior to the above degrees. In most cases, applicants who hold a coursework master would enrol in a *Master of Business* by research and seek to transfer into the PhD program once they have demonstrated the ability to undertake research. In these circumstances, the period enrolled as a master candidate will be counted towards the doctoral program.

English language entrance requirements

The majority of RMIT's postgraduate programs have the following requirements:

One of the following:

- » IELTS—6.5+ (no band less than 6.0)
- » TOEFL—Paper based = 580+ (TWE 4.5+)
- » TOEFL—Computer based = 237+ (TWE 4.5+)
- » TOEFL Internet based (iBT)—Overall score 92, minimum 20 in all sections
- » REW—English for Academic Purposes Advanced 2

Please refer to the Internet to confirm the program's English language entrance requirements.

www.rmit.edu.au/programs/international/englishequivalent

Student visas

It is important to note that students studying on a student visa are subject to Australian Government regulations. Students in Australia who hold a different visa subclass must contact the Department of Immigration and Citizenship (DIAC) regarding their eligibility to study.

The process of obtaining a visa is different for each country. For further information, please contact one of the following:

- » Australian diplomatic post
- » Australian Education Centre
- » RMIT University International Services.

When submitting a student visa application, students may be required to submit the following:

- » application fee for a student visa
- » RMIT University offer letter
- » electronic Confirmation of Enrolment (eCoE)
- » official RMIT receipt showing payment of program fees and Overseas Student Health Cover (OSHC)
- » evidence of English language proficiency
- » proof of financial capacity
- » certificate of medical check-up by an approved doctor
- » other relevant documents subject to the relevant Country Assessment Level criteria.

www.immi.gov.au

Australian Government regulations on student visas

Students are granted a student visa subject to a number of conditions.

Students must:

- » maintain enrolment in a full-time registered program
- » maintain satisfactory academic progress and attend at least 80 per cent of classes
- » keep RMIT notified of their address, and any change of address
- » maintain OSHC
- » have the financial ability to meet likely costs in Australia (including travel, tuition and living expenses)
- » ensure any family members of school age attend school in Australia.

www.rmit.edu.au/programs/international/support

A description of the Australian Government's legal framework to ensure quality education and consumer protection for international students is available at:

www.rmit.edu.au/programs/international/esosstudent

Enrolment variation

For information on deferring enrolment, suspending enrolment (Leave of Absence) or cancelling enrolment, please see: www.rmit.edu.au/programs/international/faqvisa.

Students with families

Postgraduate students wishing to bring their spouse or children to Australia will need to prove that they can support them financially (including the payment of annual school fees).

School

Full-time education is compulsory for all children in Victoria from the age of 5 to 15 years. For further information, please refer to your nearest Australian diplomatic post, or the Department of Immigration and Citizenship (DIAC).

www.immi.gov.au

Tuition fee exemption

Dependants of international postgraduate research students receive full exemption from tuition fees in government primary and secondary schools. The exemption applies to dependants of postgraduate research students enrolled at Victorian tertiary institutions in doctoral or master by research degree courses, who hold a Subclass 574 Visa issued on or after 1 July 2004. This fee exemption came into place on 1 January 2006. Please note that the exemption does not apply retrospectively (that is, no refunds can be made for tuition that took place before 1 January 2006). There is no restriction on the number of dependants.

The exemption applies for the duration of the Subclass 574 Visa. In the event of a student acquiring a different visa subclass, they may be required to pay tuition fees for their dependants.

Postgraduate research students whose children are exempt from tuition fees should apply to the Department of Education and Training for a school place in the normal way, by completing the Victorian Government Schools Application Form. Please consult the web site below for further information.

www.study.vic.gov.au

Childcare

RMIT has two childcare centres: one at the City campus and the other at the Bundoora campus. The centres provide high-quality care that nurtures, recognises and celebrates individual differences and provides development experiences tailored to individual needs. Childcare places are provided for RMIT staff and students. Contact the centre for further information.

www.rmit.edu.au/ssg/childcare

STATEMENT ON THE STUDENT EXPERIENCE AT RMIT UNIVERSITY

RMIT University welcomes its students to a vibrant learning community.

RMIT provides learning and research opportunities that are linked to the world of work and supported by world class teaching staff.

RMIT graduates are skilled, ready to take up the challenges of exciting careers and valued by industry for the quality and relevance of their learning. RMIT provides a global passport and opportunities to learn in safe and exciting environments.

RMIT University draws on its unique strengths to offer you opportunities to engage actively in your learning and research with communities within and beyond the University.

RMIT University offers you an experience that is:

- » Challenging and innovative and where you will be encouraged to explore ideas, push boundaries and develop capabilities.
- » Socially engaging with friendships and networks built on the interests and talents of colleagues in Melbourne, across Australia, in Vietnam and around the world.
- » Culturally enriching and tolerant of diverse traditions, beliefs and experiences.
- » Vocationally and professionally focused, integrating learning with work and providing exposure to leading-edge industry trends and practices.
- » Valued and recognised by respected industry and professional associations;
- » Internationally focused with opportunities for study in other countries.
- » Enriched and supported by technology to enhance learning, community building, communication and service delivery.
- » Safe, supportive, fair and friendly in the ways that services are delivered, facilities are provided and ideas are exchanged.

PROGRAM INDEX

A

Accounting	109
Acupuncture	82
Advertising	48
Aerospace engineering	78
Aircraft maintenance management	64
Anatomy and physiology	93
Animation and interactive media	52
Applied biology and biotechnology	93
Applied chemistry	78
Applied human rights	35
Applied physics	78
Architecture	19, 24
Architecture and design	24
Art in public space	19
Arts management	20
Aviation industry management	64
Aviation safety and risk management	65
Aviation supply chain management	65

B

Bioinformatics	66
Biomolecular technologies	66
Biotechnology	83
Biotechnology and business	84, 100
Business	109
Business administration	100
Business administration (executive)	100
Business information systems	109
Business information technology	102

C

Chemical engineering	79
Chinese medicine	93
Chiropractic, osteopathic and Chinese medicine	94
Chiropractic science	94
Civil engineering	79
Clinical chiropractic	84
Commerce	103
Communication	49
Communication design	25
Communication studies	52
Computer engineering	57
Computer science	57, 63
Computer science research	58
Computing	59
Creative media	50, 53
Creative writing	53
Criminal justice administration	35

D

Disability studies	85
--------------------	----

E

Early childhood teaching	36
Economics and finance	110
Education	37, 46
Education (early childhood)	38
Education (primary)	38
Education (secondary)	39
Educational leadership and management	39
Electrical and computer engineering	79
Electrical engineering	68
Electronic engineering	67
Engineering management	68
Enterprise architecture	59
Environmental engineering	80
Environment and planning	30

F

Fashion	25
Fashion and textiles	21
Finance	104
Fine art	22, 26
Food science	94
Food science and technology	86
Food technology	94

G

Geospatial information	69
Graphic design	22

H

Human movement	95
----------------	----

I

Industrial design	27
Industrial education and training	40
Information management	105
Information security and assurance	60
Information technology	61
Integrated logistics management	69
Interior design	28
International automotive engineering	70
International development	41
International urban and environmental management	31
Internet and web computing	62

J

Journalism	51
------------	----

L

Laboratory medicine	86, 87
Landscape architecture	23, 28
Logistics	110
Logistics management	106

M

Management	111
Manufacturing	71
Manufacturing systems	80
Marketing	107
Marketing	111
Mathematics	80
Mechanical engineering	81
Medical and health physics	95
Medical laboratory science	95
Medical radiations	88
Medical radiations science	96
Microelectronic engineering	71
Midwifery	89

N

Network engineering	72
Nursing	90, 96

O

Osteopathic science	97
Osteopathy	91

P

Photography	54
Policy and human services	42
Professional accounting	108
Project management	32
Property	33
Property, construction and project management	34
Psychology	91, 92
Psychology and intellectual disability	97

S

Social science	46
Social work	43
Statistics and operations research	73, 81
Statistics (business)	73
Surveying, geomatics and cartography	81
Sustainable energy	74
Systems engineering	75

T

Telecommunication engineering	76
Tertiary teaching and learning	44
Textile design	29
Textiles	29
Translating and interpreting studies	44



RMIT is centrally located. Students can easily commute between the City, Brunswick and Bundoora campuses. For more campus information, please refer to page 8.



www.rmit.edu.au/international

For more information

RMIT University
International Services
GPO Box 2476
Melbourne VIC 3001
Australia
Tel. +61 3 9925 5156
Fax: +61 3 9663 6925
New student enquiries: isu@rmit.edu.au

Date of issue: October 2009

Every effort has been made to ensure the information contained in this publication is accurate and current at the date of printing. For the most up-to-date information, please refer to the RMIT University web site before lodging your application. RMIT University CRICOS Provider Code: 00122A.

10212 1009



Working with industry to provide career-driven, technology-oriented education for tomorrow's leaders.

