When your potential is multiplied by a university built for collaboration, anything can be achieved.

That’s YOU to the power of us
Contents

RESEARCH AT MACQUARIE 4
MACQUARIE AT A GLANCE 5
STUDY IN SYDNEY 6
WORLD-RENOWNED RESEARCH TRAINING 8
DOCTOR OF PHILOSOPHY AND MASTER OF PHILOSOPHY 10
COTUTELLE AND JOINT PHD 12
INTERNSHIPS, SUPPORT AND DEVELOPMENT 13
HIGHER DEGREE RESEARCH SCHOLARSHIPS 14
TUITION FEES 16
HOW TO APPLY 18
CONTACTS 19

PHOTOS: Joanne Stephan, Chloe Horwood, Chris Steiner
This document has been prepared by Group Marketing, Macquarie University (Unisys Dynamics) and will not be reproduced without the specific written consent of the University. The University reserves the right to vary any general information, course(s) and/or unit(s) offered and to withdraw any general information, course(s) and/or unit(s) without notice.
Discovery driven by human-powered innovation

RESEARCH AT MACQUARIE

OUTSTANDING ON THE WORLD STAGE
We are ranked among the highest-performing research universities in Australia. In the 2018 Excellence in Research for Australia (ERA) evaluation, we achieved the highest rating of 5 – outstanding performance well above world standard – in agricultural and veterinary sciences, biological sciences, environmental sciences and physical sciences. In total, 96 per cent of our research activity at the two-digit level was rated as performing at world standard or higher.

Macquarie is also ranked 214 in the world (QS World University Rankings, 2021). We are among the top 50 institutions in the world for classics and ancient history, linguistics and philosophy, and in the top 100 for earth and marine sciences, education, geography and psychology (QS World University Rankings by Subject, 2020).

SEEK INTREPID SOLUTIONS
By undertaking a research degree at Macquarie, you’ll have the opportunity to make an important contribution to the development of new knowledge while working alongside world-leading researchers and using some of the region’s most outstanding facilities.

The exponential power of our collective

MACQUARIE AT A GLANCE

100 PER CENT OF RESEARCH ACTIVITY rated at world standard or above
SYDNEY QUANTUM ACADEMY
Lead partner in the $15.4 million academy
MORE THAN $200 MILLION in research income and block grants received from 2017 to 2019

6 ARC Future Fellows and 5 members of the ARC College of Experts
$145 MILLION invested in higher degree research scholarships from 2018 to 2020
31 ARC Discovery Early Career Researcher Awards across arts and science

MORE THAN 6000 publications in the top 10 per cent of journals by CiteScore
RANKED IN THE TOP 220 universities in the world, (QS World University Rankings 2020)
$14 MILLION IN NHMRC FUNDING for projects that aim to improve the safety and quality of healthcare

ARC CENTRE OF EXCELLENCE in SYNTHETIC BIOLOGY to advance environmentally sustainable biomanufacturing
SECTOR-LEADING higher degree research completions: 270 Master of Research and 291 PhD in 2019

Find out more
mq.edu.au/research
A hub of connectivity

STUDY IN SYDNEY

THE ULTIMATE PLACE TO LIVE AND STUDY
Sydney is a destination like no other. With hundreds of places of interest, it has something for everyone – from the iconic Sydney Harbour and great beaches to picturesque mountains, arts, exhibitions and cultural festivals.

Ranked as the fourth best student city in the world – and home to the regional headquarters of about 500 multinational companies – Sydney is the ultimate place to live and study.

Under Sydney’s sunny skies, you can enjoy being outside almost any day of the year. The climate is warm, with the coldest months (June and July) averaging a maximum of 17°C. January and February are the hottest, with an average maximum of 26°C, although summer days can sometimes reach 40°C.

EXPLORE THE GREAT OUTDOORS
To the east of our campus, you’ll find more than 70 postcard-worthy beaches. To the west is the breathtaking Blue Mountains. You can explore pristine national parks, escape to the famous vineyards of the Hunter Valley or take a road trip to the Snowy Mountains, with Sydney as your vantage point.

EAT WELL
You’ll eat well in Sydney. Foodies are spoiled for choice, with an assortment of restaurants and cafes serving up Indian, Thai, Italian, Mexican, Chinese, Spanish and Vietnamese cuisines, to name a few. Our small bar scene is also booming, with plenty of intimate drinking spots – some hidden, others with international recognition.

Check out Urban List, Concrete Playground and Time Out Sydney for inspiration.

SHOP WELL
Get your shopping list ready because Macquarie is right across the road from the Macquarie Centre shopping complex and a short ride to Westfield Chatswood.

Sydney offers everything from bustling malls to market stalls, and you can find tucked-away boutiques, top artisans and designer brands to add to your itinerary on the Sydney.com fashion and shopping page.

FEEL SAFE
Sydney is regarded as the fifth safest city in the world, according to The Economist’s Safe Cities index 2019 report.

Find out more
mq.edu.au/studying-in-sydney
Master of Research: Pathway to the Doctor of Philosophy

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>MAJOR</th>
<th>DOCTOR OF PHILOSOPHY*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Research (Arts) courses.mq.edu.au/MResArts</td>
<td>This degree requires you to choose a major from the following disciplines: Ancient History, Anthropology, Cyber, Policing, Intelligence, Counter Terrorism, Security Studies and Criminology, English, Educational Studies, Geography and Planning, Indigenous Studies; International Studies; Law, Modern History; Music, Media, Communication and Cultural Studies; Philosophy, Politics and International Relations; Sociology.</td>
<td>Ancient History; Anthropology; Educational Studies; English; Geography and Planning; Indigenous Studies; International Studies; Law; Media, Music, Communication and Cultural Studies; Modern History; Politics and International Relations; Philosophy, Security Studies and Criminology, Sociology.</td>
</tr>
<tr>
<td>Master of Research (Business and Economics) courses.mq.edu.au/MResBusEc</td>
<td>This degree requires you to choose a major from the following disciplines: Accounting and Corporate Governance, Actuarial Studies and Business Analytics, Applied Finance, Economics, Management, Marketing.</td>
<td>Accounting and Corporate Governance, Actuarial Studies and Business Analytics, Applied Finance, Economics, Management.</td>
</tr>
<tr>
<td>Master of Research (Human Sciences) courses.mq.edu.au/MResHumSc</td>
<td>This degree requires you to choose a major from the following disciplines: Cognitive Science, Educational Studies, Linguistics, Psychology.</td>
<td>Cognitive Science, Educational Studies, Linguistics, Psychology.</td>
</tr>
<tr>
<td>Master of Research (Medicine and Health Sciences) courses.mq.edu.au/MResMedHealthSc</td>
<td>This degree requires you to choose a major from the following disciplines: Biomedical Science, Clinical Medicine, Health Innovation, Health Profession, Health Systems and Population.</td>
<td>Biomedical Sciences, Clinical Medicine, Health Innovation, Health Professions, Health Systems and Populations.</td>
</tr>
</tbody>
</table>

*Example Doctor of Philosophy disciplines

Make a real-world impact

WORLD-RENOWNED RESEARCH TRAINING

KICKSTART YOUR RESEARCH CAREER
Undertake a research degree at Macquarie and you’ll work alongside our world-leading researchers – who are passionate about discovering the unknown and exploring the unexplored – and in our specialist labs and outstanding research facilities.

INTENSIVE RESEARCH PREPARATION
Most students wishing to undertake a PhD at Macquarie complete our renowned Master of Research first. The Master of Research is regarded by the Australian Council of Learned Academies as the most innovative newly developed research entry pathway – provides you with intensive research preparation before you begin your doctoral study. Consistent with the internationally recognised Bologna model, the program prepares you to complete a Doctor of Philosophy (PhD) in three years – well short of the national average.

EXCHANGE PROGRAM
The Master of Research Exchange Program provides you with opportunities to undertake international experiences during your studies. If you continue on to a PhD, opportunities include research collaborations with international universities under our cotutelle and joint PhD programs.

PROGRAM STRUCTURE
The two-year program is available in all of Macquarie’s research areas, so you can construct a program relevant to your specific interests – subject to academic approval.

In the first year, you’ll undertake advanced coursework units, including the study of research frontiers in your area of interest. If you successfully complete Year 1 and decide not to continue, you can exit the program with a Bachelor of Philosophy.

The second year is a master-level postgraduate research training program. You’ll specialise in research preparation and focus on a specific research topic. You’ll be required to submit a thesis of 90,000 words for completion of your degree.

ADMISSION REQUIREMENTS
You must have a bachelor degree from a recognised institution at a specified level of performance – usually the equivalent of a credit average (65 per cent) in your final year (or 300 level). Some disciplines may have extra admission requirements, such as a portfolio of work or a higher level of performance of bachelor study. If you hold an honours degree or a master degree, you may apply for recognition of prior learning (RPL) of up to 80 credit points (Year 1).

If you successfully complete Year 1 and decide not to continue, you can exit the program with a Bachelor of Philosophy.

Some disciplines may have extra admission requirements, such as a portfolio of work or a higher level of performance of bachelor study. If you hold an honours degree or a master degree, you may apply for recognition of prior learning (RPL) of up to 80 credit points (Year 1). This may allow you to complete the Master of Research in less than two years.
Shape our collective future

DOCTOR OF PHILOSOPHY AND MASTER OF PHILOSOPHY

**DOCTOR OF PHILOSOPHY**

The Doctor of Philosophy (PhD) enables you to undertake extensive independent research that forms a distinct contribution to the knowledge of your chosen subject. Your work should afford evidence of coherence and originality shown by the discovery of new facts.

Successful progression to the PhD from the Master of Research is conditional on the availability of appropriate supervision and resources, the submission of a PhD research proposal and your suitability to undertake higher degree research.

During your PhD, you'll have many opportunities to undertake complementary professional development, such as industry internships, professional upskilling programs and advanced writing courses (see page 13).

**MASTER OF PHILOSOPHY**

The Master of Philosophy is awarded for research that contributes to knowledge in a particular field of study by presenting new facts or by demonstrating an independent critical ability to evaluate existing material in a new light. You may be eligible to upgrade from the Master of Philosophy to a PhD, with time spent on the Master of Philosophy counting towards the total candidature of the PhD.

For either program, your research will be supervised by at least two academics and will normally be carried out on campus. There is, however, provision for you to carry out some of your program off campus with academic approval.

**Direct entry admission requirements and program snapshot**

<table>
<thead>
<tr>
<th>DOCTOR OF PHILOSOPHY</th>
<th>MASTER OF PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>mq.edu.au/doctor-of-philosophy</td>
<td>mq.edu.au/master-of-philosophy</td>
</tr>
</tbody>
</table>

**DOCTOR OF PHILOSOPHY**

1. Completed Macquarie’s Master of Research with at least 75 per cent in Year 2
   or
2. Completed a Master of Philosophy
   or
3. Completed a master degree (at least two years) from another institution, with a major research component (approximately 50 per cent thesis, 20,000 words) at distinction level (75 per cent or greater).

Additionally, all other peer-reviewed research output may be taken into consideration under Macquarie’s Higher Degree Research Rules.

If you haven’t completed the Master of Research and do not meet the above criteria, you may be asked to undertake the degree as a research training pathway to the PhD. If you’ve previously studied at bachelor honours or master level, you may receive credit towards the Master of Research of up to 50 per cent of the program.

The period of candidature is three years, full-time equivalent.

Depending on your area of study, you’re required to submit a thesis of 75,000 to 100,000 words.

**MASTER OF PHILOSOPHY**

1. Completed Macquarie’s Master of Research with at least 65 per cent in Year 2
   or
2. Completed a master degree (at least two years) from another institution, with a major research component (approximately 50 per cent thesis, 20,000 words) at credit level (65 per cent or greater).

Additionally, all other peer-reviewed research output may be taken into consideration under Macquarie’s Higher Degree Research Rules.

If you haven’t completed the Master of Research and do not meet the above criteria, you may be asked to undertake the degree as a research training pathway to the Master of Philosophy. If you’ve previously studied at bachelor honours or master level, you may receive credit towards the Master of Research of up to 50 per cent of the program.

The period of candidature is two years, full-time equivalent.

You’re required to submit a thesis of 50,000 words.
Partnered for limitless potential
COTUTELLE AND JOINT PHD

OUR GLOBAL PERSPECTIVE
Macquarie is proud to have high-quality research training partnerships with universities in Asia, the United Kingdom, Europe, the United States and South America. We’ve hosted more than 350 cotutelle and joint PhD candidates from more than 110 universities across 35 countries.

JOINTLY SUPERVISED PHD PROGRAMS
Macquarie participates in two models of international co-enrolment – cotutelle and joint degrees – with universities whose research activity strongly aligns with ours. Under both joint supervision models, you’re enrolled at two universities with a principal supervisor at each. You’ll spend about 50 per cent of your candidature at each university.

INTERNATIONAL FUNDING OPPORTUNITIES
Macquarie’s global perspective – executed through partnership and collaboration – has created funding opportunities with some of the world’s leading funding bodies, including:

- ANII: National Research and Innovation Agency of Uruguay
- BOLASHAK: JSC Center for International Programs, Kazakhstan
- CONACYT: National Council on Science and Technology, Mexico
- CONICYT: National Commission for Scientific and Technological Research, Chile
- CSC: China Scholarship Council
- DAAD: German Academic Exchange Service
- European Commission: Erasmus+ Programme
- HEC: Higher Education Commission, Pakistan

INTERNATIONAL FUNDING OPPORTUNITIES
Macquarie has engaged with the Industry Mentoring Network in STEM (IMNIS) program since 2017 under two streams: MedTech-Pharma and Energy-Minerals.

IMNIS is an award-winning industry-led initiative of the Australian Academy of Technology and Engineering. IMNIS connects motivated PhD candidates (mentees) in science, technology, engineering and mathematics (STEM) with outstanding high-level industry leaders (mentors) in a one-year industry mentoring program.

imnis.org.au

APR.INTERN
Macquarie works closely with the APR.Intern program, which supports the industry-based training of PhD candidates to increase employability and broaden business and university collaborations.

With an emphasis on gender equity, this not-for-profit program encourages the placement of domestic, regional, Indigenous and disadvantaged PhD candidates into STEM internships.

Information for candidates
aprintern.org.au/student-info

Information for academic mentors
aprintern.org.au/universities/academic-mentor

Find out more
mq.edu.au/cotutelle-and-joint-phd

Forge invaluable connections
INTERNSHIPS, SUPPORT AND DEVELOPMENT

INDUSTRY MENTORING NETWORK IN STEM
Macquarie has engaged with the Industry Mentoring Network in STEM (IMNIS) program since 2017 under two streams: MedTech-Pharma and Energy-Minerals.

IMNIS is an award-winning industry-led initiative of the Australian Academy of Technology and Engineering. IMNIS connects motivated PhD candidates (mentees) in science, technology, engineering and mathematics (STEM) with outstanding high-level industry leaders (mentors) in a one-year industry mentoring program.

imnis.org.au

APR.INTERN
Macquarie works closely with the APR.Intern program, which supports the industry-based training of PhD candidates to increase employability and broaden business and university collaborations.

With an emphasis on gender equity, this not-for-profit program encourages the placement of domestic, regional, Indigenous and disadvantaged PhD candidates into STEM internships.

Information for candidates
aprintern.org.au/student-info

Information for academic mentors
aprintern.org.au/universities/academic-mentor

SUPPORT AND DEVELOPMENT
Macquarie’s HDR Support and Development team offers flexible, diverse and candidate-driven research training. Our initiatives will assist you to enhance your professional, research communication and leadership skills through access to mentoring and development opportunities.

HDR MENTORS PROGRAM
Enhances, through peer-to-peer mentoring, your research quality, capability and experience.

students.mq.edu.au/training-support/mentoring

HDR LEARNING SKILLS
Provides a range of support and training to equip you with essential research skills.

students.mq.edu.au/training-support/learning-skills

HDR PROFESSIONAL DEVELOPMENT
Assists you to develop your professional and employability skills, and to gain industry experience.

students.mq.edu.au/training-support/professional-development

RESEARCHER DEVELOPMENT CALENDAR
Provides you with access to development opportunities at Macquarie. The calendar lists events that support a range of research activities, such as research writing, methods, funding, project management, publishing, partnerships, commercialisation, wellbeing and career management.

myrdc.mq.edu.au
Funding your potential
HIGHER DEGREE RESEARCH SCHOLARSHIPS

ACKNOWLEDGING RESEARCH EXCELLENCE
We value our higher degree research candidates and recognise the vital contribution they make to the University, the nation and the world. One way we show our appreciation to you is through our research excellence scholarship program.

BACHELOR OF PHILOSOPHY AND MASTER OF RESEARCH SCHOLARSHIPS
First-year full-time domestic candidates receive a tax-free scholarship stipend of $4000 in Session 1 if they meet the scholarship requirements of an overall average grade of 75 or above. To receive a further $4000 in Session 2, a grade of 75 or above for Session 1 must be obtained. Eligibility for a Year 2 stipend will be determined through a competitive ranking process based on performance in all Year 1 units. Newly commencing direct-entry Year 2 Master of Research candidates are also competitively ranked for scholarship.

Macquarie also offers a limited number of scholarships to international Master of Research candidates through the International Research Training Program (RTP) and the International Macquarie University Research Excellence Scholarship (IMQRES) round each year. Successful applicants may receive a tailored bundle that includes entry to the Master of Research program and a provisional offer for a PhD.

MACQUARIE UNIVERSITY RESEARCH EXCELLENCE SCHOLARSHIP (MQRES)
A tax-free stipend at the Research Training Program (RTP) rate is available to domestic candidates for up to three years full-time on-campus study.

INTERNATIONAL MACQUARIE UNIVERSITY RESEARCH EXCELLENCE SCHOLARSHIP (IMQRES)
A tax-free stipend at the Research Training Program (RTP) rate will be matched with tuition fees coverage for international candidates for up to three years full-time on-campus study.

CO-FUNDED IMQRES
An individually packaged scholarship is available to China Scholarship Council award holders and other externally funded award holders. Cotutelle and joint PhD candidate packages include a return economy airfare between partner universities, a tax-free stipend while at Macquarie and up to three years tuition funding.

“Many stars in our galaxy are part of a binary system, in which two stars orbit a common centre of mass. These binary systems undergo some of their most dramatic changes at the end of their lives. Current observations have revealed the presence of high-velocity outflows of gas, commonly referred to as jets, from dying stars that are interacting with a companion star. My research is investigating the origin and dynamics of these high-velocity outflows, which have a significant impact on the system as a whole.”

Dylan Bollen
COTUTELLE PHD CANDIDATE
DEPARTMENT OF PHYSICS AND ASTRONOMY, MACQUARIE UNIVERSITY AND KU LEUVEN, BELGIUM
INTERNATIONAL MACQUARIE UNIVERSITY RESEARCH EXCELLENCE SCHOLARSHIP RECIPIENT

Find out more
mq.edu.au/research-scholarships
The many physical and mental health benefits of physical activity have been well documented, yet one third of adults and four-fifths of adolescents worldwide fail to meet the recommended level of physical activity. The growing popularity of online social networks, mobile health and smart devices has given rise to exciting research opportunities, and I’m interested in how social features in mobile health can be used to promote physical activity. I believe my research will facilitate the delivery of public health programs and provide an innovative direction for the development of next-generation health informatics.

Huong Ly Tong
MASTER OF RESEARCH GRADUATE AND PHD CANDIDATE
AUSTRALIAN INSTITUTE OF HEALTH INNOVATION
INTERNATIONAL MACQUARIE UNIVERSITY
RESEARCH EXCELLENCE SCHOLARSHIP RECIPIENT
VIETNAM

Invest in your future
TUITION FEES

DOMESTIC CANDIDATE FEES – MASTER OF RESEARCH
Commonwealth supported places are available for the first year of the program. If you continue into the second year, you’ll be supported by the Australian Government through the Research Training Program (RTP).

DOMESTIC CANDIDATES – PHD AND MASTER OF PHILOSOPHY
All eligible domestic higher degree research candidates are granted places under the Research Training Program (RTP), which provides an exemption from tuition fees.

The RTP guidelines require that you submit your thesis within the RTP-funded period – three years full-time study (or part-time equivalent) for the PhD and two years full-time study (or part-time equivalent) for the Master of Philosophy. If you’re transferring from another university in Australia or you have an incomplete research degree, you’ll have your prior study period in the research degree deducted from your total program enrolment period at Macquarie.

INTERNATIONAL CANDIDATES
All international candidates undertaking the Master of Research, the Master of Philosophy or the PhD are required to pay tuition fees. If you’re a scholarship holder with a tuition component as part of your award, you’re exempt from paying tuition fees for the period of your scholarship. Refer to your offer letter for details of the duration of your tuition component.

As an international candidate, you’re also required by the Australian Government to purchase Overseas Student Health Cover for your entire visa period in Australia.
World-leading research starts with you

HOW TO APPLY

Whether you wish to undertake the Master of Research, Master of Philosophy or Doctor of Philosophy, or a cotutelle or joint PhD, start your next study journey with confidence by using this how-to-apply guide.

1. Entry requirements
   Review the specific requirements for your desired degree, as well as the English language requirements and application deadlines.

2. Supervision
   Find a senior researcher to support your candidacy. Visit hdrss.mq.edu.au

3. Research proposal
   Define your chosen area of study, the aim of your proposed project and the approach you plan to take.

4. Scholarships
   Explore the potential funding opportunities available through our scholarship program.

5. Submit
   Review application dates, prepare your supporting documentation and submit your application.

6. Review
   Review your offer and accept.

Find out more
mq.edu.au/information-about/how-to-apply

CONTACTS

The Office of HDR Training and Partnerships is responsible for managing candidature and scholarships for domestic and international candidates.

ADDRESS
Office of HDR Training and Partnerships
Level 3 East, 17 Wally’s Walk
Macquarie University
NSW 2109 Australia
T: +61 (2) 9850 7987

HDR GENERAL ENQUIRIES
E: hdrconnect@mq.edu.au

HDR APPLICATIONS AND ENROLMENTS
E: hdr.admissions@mq.edu.au

HDR SCHOLARSHIPS
E: hdrschol@mq.edu.au

HDR PARTNERSHIPS
E: hdrpartnerships@mq.edu.au

HDR INDUSTRY ENGAGEMENTS AND PLACEMENT
E: ProfDevHDR@mq.edu.au

HDR SUPPORT AND DEVELOPMENT
E: hdrmatters@mq.edu.au