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

That’s YOU to the power of us
At Macquarie, we have discovered the human equation for success. By knocking down the walls between departments, and uniting the powerhouses of research and industry, human collaboration can flourish. This is the exponential power of our collective, where potential is multiplied by a campus and curriculum designed to foster collaboration for the benefit of everyone. Because we believe when we all work together, we multiply our ability to achieve remarkable things.

That’s **YOU** to the power of **us**
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Questions? Ask us anything …

FUTURE STUDENTS
Courses, entry requirements, fees and general enquiries
• chat live by clicking on the chat icon on any course page
• ask us a question at futurestudents@mq.edu.au
• call us on (02) 9850 6767
At Macquarie, we’re all about unconventional thinking, open collaboration and making connections with diverse people and perspectives to create real change. Here is a snapshot of our achievements.

### The exponential power of our collective

**MACQUARIE AT A GLANCE**

<table>
<thead>
<tr>
<th>MORE THAN 150 PARTNER UNIVERSITIES</th>
<th>MORE THAN 30,000 WORK PLACEMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>for student exchange in more than 40 countries</td>
<td>or community experiences through our PACE (Professional and Community Engagement) partnerships</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MORE THAN 300 INDUSTRY PARTNERS</th>
<th>10 SUBJECTS THAT FOSTER COLLABORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>on campus or in the adjacent high-tech precinct, providing access to internship and job opportunities</td>
<td>ranked in top 100 globally (QS World University Rankings by Subject, 2017)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MORE THAN 45,000 CONNECTED STUDENTS</th>
<th>HEART OF SYDNEY’S FASTEST-GROWING REGION</th>
</tr>
</thead>
<tbody>
<tr>
<td>from more than 120 countries</td>
<td>only 15 kilometres from the Sydney CBD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>$1 BILLION INVESTED TO CREATE A COLLABORATIVE CAMPUS</th>
<th>FIRST GLOBAL RESEARCH COLLABORATION PATHWAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>with world-class facilities and infrastructure</td>
<td>via the Master of Research</td>
</tr>
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<table>
<thead>
<tr>
<th>104 UNDERGRADUATE DEGREES</th>
<th>TOP 50 MOST INTERNATIONAL UNIVERSITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>many of which are designed in collaboration with industry</td>
<td>connecting global communities (Times higher education world university rankings, 2016)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5 QS STARS</th>
<th>10,000 GRADUATES REALISE THEIR POTENTIAL EACH YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>in teaching, employability, research, facilities, internationalisation, innovation, inclusiveness and specialist criteria</td>
<td>with sought-after degrees</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>184,000 ALUMNI IN OUR INTERNATIONAL COMMUNITY</th>
<th>RANKED AMONG THE TOP 130 UNIVERSITIES IN THE WORLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>from more than 140 countries</td>
<td>for employability (QS Graduate Employability Rankings, 2018)</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>AUSTRALIA’S FIRST FULLY INTEGRATED HEALTH PRECINCT</th>
<th>RANKED IN THE TOP 2 PER CENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>centred around our on-campus hospital</td>
<td>of universities in the world</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>100 PER CENT OF RESEARCH ACTIVITY</th>
<th>30 RESEARCHERS IN THE TOP 1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>rated at world standard or above</td>
<td>of scientific authors in the world</td>
</tr>
</tbody>
</table>
Having a career that is satisfying, is prosperous and makes a measurable difference in the world is the dream of many. At Macquarie, we provide you with the necessary building blocks to set your dream in motion.

**Multiply your potential for success**

**BUILD YOUR DREAM CAREER**

**SECURE YOUR FUTURE**

Uni is about so much more than getting a degree and a great job at the end – but let’s be honest, carving out that dream career is definitely one of the major reasons people go to uni.

To help you succeed, we’ve established a set of career accelerator initiatives through which we’ll educate, enable and empower you to launch your career in whatever field ignites your passion.

**STEPPING STONES TO YOUR CAREER**

The purpose of our career accelerator initiatives is to ensure that by the time you graduate, you’re irresistible to employers. The initiatives are built around three key stages:

- **Educate** – we’ll help you determine what type of career is the best fit for you, provide you with advice about what employers expect of you and help you develop your career management skills.

- **Enable** – we’ll work with you to secure a placement in a work or community setting. Such placements can include paid and unpaid internships, uni vacation arrangements or course-based work experience. They can be short term – running for a couple of months – or long term across a year or more.

- **Empower** – we’ll work with you following your placement to reflect on your experience, help you build your résumé and online profile, workshop your interview skills, and provide advice about building your networks – all in preparation for you to start your career.

**WHAT EMPLOYERS WANT**

Every one of our courses focuses on building the two skill sets that employers tell us they want in a graduate: hard skills and soft skills.

Hard skills are the technical capabilities that are usually particular to your course. They’re the how-to-do-the-job skills – skills you need if you want to be an archaeologist, engineer, accountant, physiotherapist or lawyer.

Equally important, however, are soft skills such as communication, digital literacy, entrepreneurship, initiative, teamwork, self-awareness, creativity, agility, leadership, problem solving, time management, professional etiquette and intercultural competence.

Each of these is highly transferable across all industries, so regardless of the course you undertake and the jobs that are available in the coming years, your future will be secure.

**GO ONE STEP FURTHER**

While all of our courses will set you up for the future job landscape, if you’re keen to give yourself that extra edge you might like to consider undertaking either our Diploma of Professional Practice or Diploma of Languages, both of which are the equivalent of one extra year of full-time study. The Diploma of Professional Practice allows you to prepare for and undertake an immersive work placement experience or select from a suite of elective units that will specifically develop your employability skills. The Diploma of Languages will prepare you for the multilingual global environment – the proportion of Australian job advertisements requesting bilingual skills increased by 181 per cent between 2012 and 2015.

“At the end of my commerce degree I was fortunate to secure a graduate position at Optus. I’m currently working in the marketing team where I’ve had the opportunity to work across several exciting projects while simultaneously learning all about an industry that is being changed by technology by the day.”

Adrian Ng
BACHELOR OF COMMERCE
Connect with industry
BUILD YOUR NETWORKS

“A foot in the door
At Macquarie, we don’t just skill you up and send you off into the world of employment hoping you succeed – we make sure you’ll succeed. We do this by connecting you with not-for-profits, companies and other organisations that offer internships and other types of practical work placements. These real-world experiences allow you the opportunity to put your skills into practice well before you graduate.

Network, network, network
With so much change expected in the employment sector over the coming decades, it’s more important than ever that you’re prepared to actively contribute to your own future. We’ve all heard the line ‘it’s not what you know, it’s who you know’. Now more than ever before, this line rings true. Building robust networks is a vital component for career success. But don’t wait until you graduate – start forming your networks while you’re at uni. Not sure where to begin? Our Career and Employment Service has a wealth of knowledge and experience in this area, and can help get you started.

Industry-relevant courses
The world is changing at a rapid pace. The employability skills that were sought after two years ago may not be so well regarded or even necessary in five or ten years’ time.

So that our courses equip you with skills for the future, we design many of them in consultation with industry. This means we can respond to the needs of industry in real time, and you’ll develop the most relevant skills.

Co-operative education program
We also offer an undergraduate Co-operative Education (Co-op) program that will improve your employability outcomes and professional networks. Available through our Bachelor of Actuarial Studies with Bachelor of Professional Practice (page 64) and our new Bachelor of Commerce – Professional Accounting with Bachelor of Professional Practice (page 68), the program provides an opportunity for you to alternate between classroom studies and workplace experience in the form of three vocational placements of three to six months each. This will allow you both to apply the concepts you learn in the classroom in a professional context and to integrate your understanding from the workplace in your future studies.

Lifelong learning
While we endeavor to ensure our courses are always current, no one can predict the future. Because of this, we strongly believe in providing you with opportunities for lifelong learning and career development.

No doubt you’ll be keen to dive into your chosen career as soon as you graduate, with further study a distant consideration. But rest assured, if you do wish to undertake further studies in the future – whether that be to develop skills in the field you’re already in or to change your career entirely – we’re here to support those ambitions. We offer a host of flexible and diverse learning options at postgraduate level that you can take advantage of at any point in your career so that you’re prepared for whatever opportunities may come your way.

Building connections is just as important for career success as developing your knowledge and skills. Because we partner with a range of world-leading organisations, those all-important connections are right here waiting for you.

“...great insight into the medical devices industry and the important role healthcare clinicians play behind the scenes. I attended multiple theatre cases with clinical specialists who use their expertise to assist surgeons in their operation or installation of medical devices. Being able to talk to many different healthcare professionals has allowed me to better explore my future career.”

Jordan Griffiths
BACHELOR OF CLINICAL SCIENCE
Uniquely located in the heart of Australia’s largest high-tech precinct, Macquarie brings together more than 42,000 students in one thriving hub of discovery.

Where collaboration meets innovation

Our campus spans 126 hectares, with open green space that gives you the freedom to think and grow. More than $1 billion has been invested in recent years in our facilities and infrastructure, so you can thrive in an environment that’s inspiring and switched on to the latest digital technologies.

The University is a key partner in the Macquarie Park Innovation District (MPID) – Australia’s premier innovation hub. Home to Macquarie University Hospital and more than 180 large international organisations and 200 small businesses, the vibrant technology park is set to transform the way collaboration and innovation are catalysed.

What better way to connect with future employers in some of the country’s leading organisations than by studying alongside them. With access to MPID’s incubators, innovation spaces and a dynamic events program, you’ll be in a prime position to network with some of the best entrepreneurial minds and truly think outside the box.

More than 300 leading companies are located on or around the Macquarie campus, including:

- ABBOTT
- ASTRA ZENECA
- AMP CAPITAL
- CANON
- COCHLEAR
- CSIRO
- ERICSSON
- FOXTEL
- FUJITSU
- HONEYWELL
- HYUNDAI
- JOHNSON & JOHNSON
- KONICA MINOLTA
- MICROSOFT
- NAB
- OPTUS
- ORIX
- PHILIPS

Where collaboration meets innovation
At Macquarie, you’ll have many opportunities to experience the real world well before you graduate. You only need to unleash your imagination to make it all happen.

Partnered for limitless potential

PACE

We’ve all heard the story: A promising young student finally graduates with their degree but has to resort to underpaid and undervalued work because they have no real experience to offer a potential employer.

Not so for Macquarie graduates. Our unique PACE (Professional and Community Engagement) program – the only one of its kind in Australia that gives you practical experience that’s fully integrated into your course – allows you to get that all-important head start in your career. Through local, regional and international experiences, PACE offers you invaluable work and life skills that set you apart from other graduates – skills that equip you for the real world and make you more attractive to employers so you can get a better job. Who doesn’t want that?

Just think – you could be interning at international corporations like Microsoft or GlaxoSmithKline, helping local communities create sustainable change in regional areas of Peru, working with local councils to develop community engagement strategies, or assisting with a land rights claim in the jungles of Borneo.

So, whether you’re studying anthropology, engineering, politics or law, you’ll find something perfectly suited to you. The sky is the limit with our PACE program – take it wherever you want to go.

PACE is about more than preparing you for work; it helps you get ready for life by showing you how the skills you learn in the classroom apply to real-life situations. It also helps you develop a deeper understanding of the world – and how you fit in.

“The mechanical engineering program at Macquarie is helping me achieve my ambition of becoming a motorsport engineer. My recent PACE experience – being team leader of the MQ Speed team, which competed in the World Human Powered Speed Challenge 2017 at Battle Mountain in Nevada – gave me the most amazing opportunity to apply the knowledge that I’ve obtained in the classroom in a real-world environment.”

Timothy Jellema
BACHELOR OF ENGINEERING (HONOURS)
Make a world of difference
GLOBAL LEADERSHIP PROGRAM

TURN YOUR PASSION INTO ACTION
The Global Leadership Program (GLP) is an extracurricular program that can be undertaken alongside any course at Macquarie. Your GLP activities will equip you with the knowledge, skills and networks you’ll need to influence positive global and social change, and will give you the chance to put your new skills into action – giving you practical experience before you graduate.

CROSS-CULTURAL EXPERIENCE
As a GLP student you’ll undertake practical experiences and attend exclusive workshops and events, through which you’ll develop your understanding of major international issues, as well as an awareness of your responsibilities as a global citizen. You’ll engage with local and global communities, getting recognition for completing a range of practical activities such as volunteering, learning a language, studying abroad and being a mentor. You can design your own GLP experience – choosing what activities you do and when you do them.

HAVE YOUR INITIATIVE RECOGNISED
When you complete the GLP you receive a certificate of completion, reference letters and a GLP transcript, as well as notation on your official academic transcript – all of which can provide you with a competitive edge in the global employment market.

AN INTERNATIONAL AWARD WINNER
The GLP has been recognised as Australia’s flagship tertiary global leadership program, winning the 2017 Institute of International Education’s prestigious award for Innovation in International Education – Internationalising the Campus. Macquarie is the first university in the Southern Hemisphere to receive the award.

“Through the GLP, I had the opportunity to visit Brazil – a nation bursting with vibrancy, diversity and breathtaking landscapes. During my visit, I gained deep insight into the social and political issues facing Brazil by participating in various workshops and engaging with NGOs and organisations such as Brazil’s United Nations HQ. The GLP has provided me with the most enriching and eye-opening life experience, and has sparked my passion for human rights advocacy and clarified the course my future will take.”

Shelby Sewak
BACHELOR OF ARTS WITH BACHELOR OF LAWS

Find out more at mq.edu.au/glp
As a Macquarie student, your opportunities to learn about the big issues – the ones that are important not only in Australia but also across the globe – are limitless.

Get real-world experience
STUDENT EXCHANGE

The best way to truly immerse yourself in global issues is to experience them first hand. Our Student Exchange program is one of the best – we make it a priority to support your globe-trekking ambitions by providing access to support funds and resources, as well as program coordinators who will help you with every step of your overseas journey.

As well as supporting your travel, our program allows you to gain academic credit along with desirable job-ready skills before you graduate. Depending on where you go, you may study in the language of your chosen country or take courses taught in English. And you can choose to study for just a couple of weeks, a whole session or even a year.

“I’ve been fortunate to complete two international exchange experiences – at the University of Munich in Germany and at the National University of Singapore. It’s a great feeling to have Germany’s and Asia’s highest ranked universities on my CV. In Munich, I learned about business leadership and in Singapore, I pitched a medical application I’d developed to a panel of investors. These exchanges have been invaluable in developing my capability and desire to work across cultures, including my German language competence.”

Benjamin Cant
BACHELOR OF MARKETING AND MEDIA

Find out more at
students.mq.edu.au/exchange
GLOBAL AT HEART
Times Higher Education recently ranked Macquarie as one of the most international universities in the world. This ranking owes a lot to our truly global perspective – as well as offering you amazing opportunities for overseas study and travel, we welcome thousands of international students each year. This ensures your educational, social and cultural experiences are enriched right here on campus.

SPREAD YOUR WINGS
We are truly a global community. As the world gets smaller and more connected, the opportunity to experience all it has to offer has never been greater. Visiting a country with a different culture, language and societal outlook will enrich your perspective and allow you to expand your global network. Have adventures, make friends and travel – such a journey will change your life for the better.

GET PACKING
By participating in exchange, you’ll become more confident and independent, you’ll get a real sense of how people live in other countries, you can study subjects in international contexts, and you’ll be exposed to alternative ways of learning. You’ll also increase the value of your degree – employers look favourably on overseas experiences as it shows you have initiative, can adapt to change and have well-developed intercultural skills.

OUR PARTNERS
We partner with more than 150 universities around the world. Depending on your course – and your interests – you can study business in Denmark, psychology in Canada or marine biology in Fiji. As well as partnering with universities across the globe, we also partner with many community organisations through PACE International in countries such as Cambodia, India, Malaysia and Peru.

GLOBAL AT HEART
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“I completed an entire unit of French at the University of Lausanne in Switzerland through Macquarie’s short-term exchange program. Connecting with people from all over the world and immersing myself in the community taught me so much about cross-cultural communication and overcoming language barriers.”

Majella Dunn
BACHELOR OF INTERNATIONAL STUDIES WITH BACHELOR OF LAWS
Macquarie is home to some of Australia’s most exceptional facilities through which you’ll connect with pioneering teachers and researchers to achieve extraordinary things.

Extraordinary collaborations require an exceptional home

WORLD-LEADING FACILITIES

A PLACE OF INNOVATION
Undertake a health, medical or psychology course and you could be studying alongside experts from MQ Health and Cochlear, or within our Simulation Hub. Cybercrime more your thing? You may have opportunities to learn from academics and industry professionals within our Cyber Security Hub. For media students there’s our Futures Lab, and science students have access to some of the best labs in Asia-Pacific. And, regardless of which course you undertake, if you have an entrepreneurial spirit you’ll find inspiration and support in our new incubator.

MACQUARIE UNIVERSITY INCUBATOR
The incubator is Macquarie’s hub for entrepreneurship, offering innovative programs and support to help you turn your idea into a business.

MACQUARIE UNIVERSITY HOSPITAL
Australia’s first not-for-profit teaching hospital on a university campus, Macquarie University Hospital is redefining healthcare excellence. By combining the best available knowledge and expertise, this facility ensures patients receive a comprehensive and integrated healthcare service. The hospital is part of MQ Health, Australia’s first fully integrated academic health science centre under a university’s leadership. Bringing together this state-of-the-art hospital and the University’s Faculty of Medicine and Health Sciences, MQ Health aims to provide you with a practical learning experience, as well as improve the lives of patients and the broader community by integrating world-class research, clinical care and education.

COCHLEAR
Macquarie is home to the world headquarters and principal manufacturing facilities of Cochlear. As the leading global expert in implantable hearing solutions, Cochlear is dedicated to bringing the gift of sound to people all over the world. Its location on our campus facilitates outstanding research–industry partnerships that are continually driving innovation for the benefit of people across the globe.

OPTUS MACQUARIE UNIVERSITY CYBER SECURITY HUB
The Cyber Security Hub provides expertise around the causes, effects, operations and motivations of cybercrime, as well as its implications for government, business and individual citizens.

SIMULATION HUB
The Simulation Hub enables leading experts from the University and industry to collaborate on translational research across a wide range of disciplines. It houses simulation labs for driving; home, work and recreation; flight; motion capture; and virtual reality.

FINANCE DECISION LAB
Our new Finance Decision Lab facilitates collaboration with industry, regulators, governments and leading overseas universities to ensure research outcomes are robust, realistic and relevant.

FUTURES LAB
The state-of-the-art Futures Lab is home to the latest in networked digital media production technologies, and mirrors the platforms and systems in use by major broadcasters and online media outlets internationally.
No lock-in contracts
WE’RE ALL ABOUT FLEXIBILITY

"I’ve always been interested in education and psychology, and Macquarie is the only university to offer a combined degree in both areas. After my first year, I discovered that my passion lay in psychology rather than education – I was more interested in learning about child and adolescent minds and behaviour than teaching kids. Macquarie made it very easy to transfer and I didn’t need to extend my course or do subjects I’m not really interested in."

Madeleine Govender
BACHELOR OF PSYCHOLOGY (HONOURS)

KEEP YOUR OPTIONS OPEN
Macquarie has an excellent reputation for making it easy to transfer between our courses as your interests develop. Our unique interdisciplinary approach enables you to take units outside your course, so if you find something you love, we make it easy for you to transfer and pursue your true passion.
mq.edu.au/internal-transfer

FIT YOUR STUDIES AROUND YOUR LIFE
We recognise that students lead very busy lives, and offering flexible learning options is another way we help you study in a way that suits your lifestyle and commitments. You might be able to study part-time, by distance or in the evening.
You can also start your course at the beginning of the year in Session 1 or, in some cases, in Session 2, if that suits you better. Or, if work or travel is a priority, you can secure your place and defer for one year. Some lectures are also available online, which means you can listen to recordings in your own time to review content or catch a lecture that you couldn’t attend in person.
mq.edu.au/flexible-study-options

BROADEN YOUR HORIZONS
We give you the opportunity to take units from across the University. While you might be studying an arts course, you could take units in criminology, finance or science, for example. This gives you a broader perspective. Better yet, it allows you to study all sorts of areas that interest you, while making you more attractive to employers.
courses.mq.edu.au

Life can get pretty hectic, so we know how important it is to have flexible options. We’re here to help you fulfil your potential your way, not lock you in.
We’re here for you
SUPPORT AND SERVICES

LEARN THE WAY YOU WANT
MUSE (Macquarie University Spatial Experience) is a social learning space where the atmosphere of a group hangout runs head first into the quiet study ambience of the library. Supporting students who learn in many different ways, each of the three levels in MUSE allows individual study to coexist with group work.
mq.edu.au/muse

STAY IN THE BEST OF HEALTH
Macquarie offers a suite of health and wellbeing services – counselling, disability, welfare, advocacy, medical and religious support - that you can take advantage of at any time during your studies.
mq.edu.au/campus-wellbeing

MORE THAN JUST BOOKS
Macquarie University library provides access to millions of print and electronic resources. It features group and quiet study areas; computers, printers and copiers; presentation practice pods; a café; and high-tech robotic cranes that deliver your books in minutes.
mq.edu.au/library

CELEBRATE DIVERSITY
Macquarie is an inclusive and diverse campus with students from more than 100 countries. We offer specific support services to students from culturally diverse backgrounds, students with disability, Indigenous students and LGBTQI students.
mq.edu.au/diversity-and-inclusion

GET READY AT O WEEK
Orientation Week – or ‘O Week’ for short – is held the week before classes start. You can find out about student groups, support services and extracurricular programs.
mq.edu.au/orientation

GET THE INSIDE SCOOP
The Macquarie University Mentors Program is one of Australia’s longest-running peer-support programs. Mentors are current students who can help you find your way around the campus, as well as give you tips on how to make friends and settle into the Macquarie community. You can select your mentor once you enrol and connect with them during O Week.
mq.edu.au/mentors

BRUSH UP YOUR LEARNING SKILLS
Macquarie offers free workshops and online resources to help you with academic writing, referencing, exam strategies and more.
mq.edu.au/learningskills

CRUNCH THE NUMBERS
We offer assistance with maths and stats through the Numeracy Centre. You can choose from a free drop-in service, weekly workshops for some first-year courses, bridging programs, preparatory courses and some online resources.
maths.mq.edu.au/numeracy

START YOUR CAREER
The Career and Employment Service can help you prepare a résumé, identify career options and the skills necessary for your chosen career, and can connect you with employers and industry bodies.
mq.edu.au/careers

MOVING TO STUDY
Macquarie offers an array of safe, supportive and friendly accommodation options to suit all needs, including university housing, residential colleges, self-contained studios, apartments and private listings. Accommodation Services has dedicated staff to provide support during your transition to university.
mq.edu.au/accommodation

TRAVEL YOUR WAY
Getting to Macquarie is easy. Whether you prefer a train, bus, car or bike, you’ve got many transport options.
mq.edu.au/getting-to-macquarie

“I came to Robert Menzies College in 2015 and settled in straight away. I found it easy to make friends because there were so many activities to get involved with. During my first few weeks at college I participated in the annual Courtyard Challenge – a running competition against the rival colleges – an evening ball at Luna Park, the Spring Festival and an inter-college dodgeball competition. Halfway through the term I was already best friends with my neighbour Natasha – a great friendship that continues to this day.”
Ellie Rutter (right)
BACHELOR OF ARTS WITH BACHELOR OF EDUCATION (PRIMARY)
Uni is about much more than graduating with a degree. It’s also about awakening your adventurous side and trying new things, creating networks on campus and around the globe and, importantly, making friendships that can last a lifetime.

Get serious about having fun

CAMPUS LIFE

CONNECT WITH YOUR PEERS
Student life isn’t all about classrooms and exams. It’s also about making new friends, enjoying new experiences and learning about diverse cultures. With more than 130 student groups and sport clubs, Macquarie offers ample opportunity to meet new people, experience other cultures, test ideas and develop personal skills—communication and teamwork, for example.

STAY IN SHAPE
Macquarie’s sport facilities are some of the best university facilities in Australia. We offer a state-of-the-art health club; heated 50-metre outdoor and 25-metre indoor swimming pools; football and soccer fields; tennis, basketball and squash courts; a martial arts area; a gymnastics hall; and more.

FEED YOUR BRAIN AND YOUR BODY
When you’re a busy uni student, you need to have the right fuel to optimise your study, work and play. With this in mind, we offer a range of on-campus food options that will keep your mind alert and your body nourished. With tasty options from all corners of the globe, you’ll be spoiled for choice when it comes to feeding your hungry tummy. And, if you’ve got a craving for something not on campus, you’re only a short walk away from the nearby shopping centre.

GET INVOLVED
You’ll always find something of interest at Macquarie, whether it’s movie screenings, cultural festivals, theatre performances, art exhibitions or our annual music festival.

PLAY HARD OR JUST FOR FUN
If you enjoy fitness or team sports, become a MacWarrior and join one of our social sport competitions or sport clubs. Competitions run each session and include sports such as basketball, futsal, netball and touch. Our sport clubs also offer a range of competitive and beginner programs in AFL, cheerleading, cricket, dance, fencing, hockey, quidditch, rowing, rugby union, scuba diving, skiing and snowboarding, soccer, squash, table tennis, ultimate frisbee and water polo.

JOIN THE COMMUNITY
As a graduate, you’ll become part of the global Macquarie alumni community, giving you inside access to exclusive events, lifelong learning opportunities, career counselling services and discounts on the amenities you’ll grow to love as a student.

Find out more at
mq.edu.au/alumni

Find out more at
campuslife.mq.edu.au
Tailor made for you
MACQUARIE ENTRY

At Macquarie, we’re all about success. With Macquarie Entry, we recognise that students have different strengths, interests and personal circumstances. Through a range of tailored entry criteria, we ensure you’ll start uni with the appropriate support for success both in your studies and beyond to your career.

YOU'RE MORE THAN YOUR ATAR
We recognise that your ATAR doesn’t necessarily reflect your achievements or potential, so through our range of Macquarie Entry programs we look at a variety of criteria. This includes your academic results in relevant HSC subjects, your engagement with your local community, your previous study or work experience – and everything in between. Whatever your personal circumstances, we believe in giving credit where credit is due, so we take everything into account.

MACQUARIE ENTRY NAVIGATOR
Our Macquarie Entry programs treat you as an individual and recognise all of the things that make you unique. To best help you follow your passion at Macquarie, we’ve created a simple entry program navigator that allows you to compare all of our entry programs to work out which ones suit you the best.

mq.edu.au/study/macquarie-entry-navigator

ENTRY PROGRAMS

ACADEMIC ENTRY PROGRAM
Takes into consideration your results for HSC (or equivalent) subjects relevant to your chosen Macquarie course
Page 32

SCHOOLS RECOMMENDATION SCHEME
Considers your Year 11 results and allows your application to be supported by a recommendation from your school
Page 32

GLOBAL LEADERSHIP ENTRY PROGRAM
Considers your commitment to service, engagement and leadership, as well as your school results
Page 32

GIFTED AND TALENTED ENTRY PROGRAM
Allows you to get a head start on your peers by completing university units while you’re still at high school
Page 32

ENTRY PROGRAMS

ATAR + ADJUSTMENT FACTORS
Considers your ATAR plus any adjustments you may be eligible for and makes an offer based on those criteria
Page 38

IB EARLY OFFERS
Considers your predicted International Baccalaureate results and makes an early offer based on the prediction
mq.edu.au/study/ib-early-offers

PATHWAY PROGRAMS

DIPLOMA, FOUNDATION AND INTENSIVE PROGRAMS
Allows you to undertake diplomas and foundation-level studies to help you transition into university study
Page 34

NEXT STEP PATHWAY
Allows you to study Macquarie units and, if completed successfully, get credit towards your chosen course even if you don’t meet the academic requirements for entry into a bachelor course
Page 36

ABORIGINAL AND TORRES STRAIT ISLANDER ENTRY PATHWAY
Assists Aboriginal and Torres Strait Islander people on their path to university
Page 36

OTHER ENTRY OPTIONS
- Internal transfer
- Open Universities Australia (OUA)
Page 36

mq.edu.au/study/macquarie-entry-navigator
ENTRY PROGRAMS

ACADEMIC ENTRY PROGRAM
Our Academic Entry Program matches your strengths to our world-class courses. Rather than considering only your selection rank, we review your results for the HSC subjects that correspond to select Macquarie courses and make an offer based on your performance in these subjects.

WHO YOU ARE
- You're completing the HSC (or equivalent).

WHAT YOU CAN STUDY
This program is available for most Macquarie courses.

ENTRY CRITERIA
Each course has different entry criteria. Jump online and check out what results you need to be eligible for this program.
mq.edu.au/academic-entry

SCHOOLS RECOMMENDATION SCHEME
The Schools Recommendation Scheme (SRS) allows your school to recommend you for an early university offer. We'll look at your Year 11 academic achievements as well as your school’s rating of your aptitude and learning ability. If you're ready to join us, we'll make you an early offer.

WHO YOU ARE
- You're completing an Australian Year 12 qualification or the International Baccalaureate.
- You've been identified by your school as a good candidate for Macquarie.

WHAT YOU CAN STUDY
This program is available for most Macquarie courses, including some distance programs.
mq.edu.au/srs

GLOBAL LEADERSHIP ENTRY PROGRAM
Are you socially aware and positively contributing to your community? Be recognised for being you. Our Global Leadership Entry Program (GLEP) will support and inspire you to be a global leader of tomorrow. If you're selected, we'll make you an early offer. You'll gain early access to the Global Leadership Program (page 16) and participate in activities while you're still at school. Get a head start with the tools and connections that will help you make an impact.

WHO YOU ARE
- You're completing the HSC, Senior Secondary Certificate or the International Baccalaureate.
- You're interested in the challenges facing our world and in making an impact.
- You've demonstrated leadership qualities and contributed towards positive change in your community.
- You're achieving good results at school.

WHAT YOU CAN STUDY
This program is available for most Macquarie courses.
mq.edu.au/glep

GIFTED AND TALENTED ENTRY PROGRAM
With our Gifted and Talented Entry Program, you could join a select group of high-achieving students in studying at Macquarie while you're still at high school.

WHO YOU ARE
- You're in Year 10 or Year 11 and you're looking to complete – or you're currently completing – accelerated HSC subjects, or you've demonstrated outstanding academic achievement in some other way.

WHAT YOU CAN STUDY
You'll tackle our first-year Critical Thinking unit, which will help you gain analytical and reasoning skills that will benefit you in your HSC study. If you're in Year 10, you can then pursue your passion with another Macquarie first-year study unit.
mq.edu.au/gifted-and-talented

“GLEP was the perfect program for me, as it recognised all the things I was passionate about. My volunteer work with Girl Guides, Surf Life Saving and Rotary; and activities such as sport, music, Duke of Ed and Queen’s Guide Award; as well as my leadership experiences were all recognised. And the early offer I received through GLEP gave me some much-appreciated security going into my exams.”
Sarah Schooley
BACHELOR OF SCIENCE WITH BACHELOR OF LAWS
PATHWAY PROGRAMS

DIPLOMA, FOUNDATION AND INTENSIVE PROGRAMS

BRIDGE THE GAP
Developed specifically to meet Macquarie’s entry requirements, the pathway programs are designed so that on successful completion you can seamlessly transition to your undergraduate degree, as long as you meet the entry requirements.

SMALL CLASSES
Our small class sizes ensure you get personalised support from our highly qualified teachers, and specially designed teaching and learning activities will improve your university-level study skills and academic knowledge.

PROGRAM STRUCTURE
We offer a selection of diplomas, an Intensive Program and a Standard Foundation Program. You’ll study two units each term, which allows you to deeply engage with your chosen area of interest. Each term is seven weeks in duration, including teaching weeks and an exam period. You’ll also have the option of completing free, non-credit bearing English and Mathematics Advantage Modules to support your progression and academic success.

ADJUSTMENT FACTORS
As a diploma, foundation or intensive program applicant, you may be eligible to receive adjustments – additional points that can be added to your ATAR or average mark – through our Regional Entry and Educational Access schemes. Additionally, diploma applicants may also be eligible to receive Academic Advantage adjustments and be considered for entry through the Academic Entry Program.

A GREAT INVESTMENT
If you’re an Australian or New Zealand citizen, an Australian permanent resident or a holder of a permanent Australian humanitarian visa and you undertake a diploma, you’ll be a Commonwealth supported student and your fees will be similar to those of bachelor course students. If you undertake a foundation or intensive program, you’ll be a Domestic Fee-Paying student and pay the full tuition fee.

mq.edu.au/college
PATHWAY PROGRAMS

NEXT STEP PATHWAY
Don’t meet the academic requirements for entry into a bachelor course? Our Next Step pathway lets you study at Macquarie and get credit towards your chosen course. You’ll be on campus studying the same units as you would in an undergraduate course, and on successful completion of your units, you’ll secure your place in one of 18 Macquarie courses.

WHO YOU ARE
• You’re completing the HSC (or equivalent) but you’re not confident of achieving the required results for entry into your preferred Macquarie course.
• You’re a non-school applicant without the necessary qualifications for direct entry into a bachelor course.

WHAT YOU CAN STUDY
You’ll study 12 credit points (four units) from a wide variety of first-year units. Depending on your grade point average (GPA) in these units, you’ll progress to one of our selected courses. With a GPA of 5.0 out of 7.0, you can articulate after completing six credit points (two units).

TUITION FEES
Next Step is an up-front-fee program, with tuition fees paid at the start of each academic session. HECS-HELP and FEE-HELP aren’t available for Next Step study, but will be available once you’re admitted into a Macquarie bachelor course.

mq.edu.au/next-step

ABORIGINAL AND TORRES STRAIT ISLANDER ENTRY PATHWAY
This admissions pathway provides opportunities for Aboriginal and/or Torres Strait Islander students to study undergraduate courses at Macquarie.

WHO YOU ARE
All Aboriginal and/or Torres Strait Islander people are encouraged to apply. This pathway is suitable if you:
• would like to receive an early offer
• would like the opportunity to get to know the campus and the Walanga Muru family prior to starting university
• haven't completed your HSC or equivalent
• haven't received the academic requirements required for admission into your chosen course
• are a non-school applicant

mq.edu.au/walanga-muru-pathway

INTERNAL TRANSFER
If you missed out on gaining entry into a course you have your heart set on, you may be able to enrol in a course with a lower selection rank and transfer into your desired course, as long as you meet the internal transfer criteria.

mq.edu.au/internal-transfer

OPEN UNIVERSITIES AUSTRALIA
Open Universities Australia (OUA) allows you to study Macquarie units at your own pace, building towards either a Bachelor of Arts or Bachelor of Security Studies. Study is completely online and is open to students with a low ATAR or even no ATAR at all.

open.edu.au/courses/maq

“I left high school in Year 11 believing uni wasn’t something I’d be capable of. But by the time I hit 21, I knew I was ready to get a degree. That’s when I found Next Step at Macquarie. The pathway program basically said to me: ‘It doesn’t matter what you have or haven’t done, you’re here now and you’re ready to work’. Macquarie understands not everyone has it all figured out in high school, and so they offer lots of support. This support meant that I not only passed my first classes, I received high enough marks to be accelerated into my chosen course. The pathway wasn’t just my next step, it was my second chance.”

Medhh Iredell
BACHELOR OF ARTS
SELECTION RANK
(ATAR + ADJUSTMENT FACTORS)

If you’ve completed the HSC or the International Baccalaureate (IB) and you’ve included Macquarie in your preferences, you may be eligible to receive adjustments – additional points that can be added to your ATAR or equivalent admissions rank. For most courses, you can combine our five adjustment factor schemes and receive up to 10 additional points.

ACADEMIC ADVANTAGE
If you’ve already put in the hard yards on subjects that relate to Macquarie courses, you could get up to three additional points for each one, with a maximum of six points available.
mq.edu.au/academic-advantage

REGIONAL ENTRY SCHEME
If you’re from rural or regional Australia and don’t have access to the same resources as students in cities and larger towns, Macquarie can help with up to nine additional points.
mq.edu.au/regional-entry-scheme

EDUCATIONAL ACCESS SCHEME
You may be eligible to earn additional points if you have experienced educational or social disadvantage. If you’re eligible, you could receive up to five additional points.
mq.edu.au/educational-access-scheme

ELITE ATHLETES AND ARTISTIC PERFORMERS SCHEME
If performing, training or competitive commitments have affected your HSC or study preparation, you may be eligible for four additional points.
mq.edu.au/elite-athletes-and-performers-scheme

BIG HISTORY SCHEME
You may be eligible to earn three additional points by completing our Big History: Connecting Knowledge MOOC (Massive Open Online Course).
mq.edu.au/big-history-scheme

EDUCATIONAL ACCESS SCHEME
You may be eligible to earn additional points if you have experienced educational or social disadvantage. If you’re eligible, you could receive up to five additional points.
mq.edu.au/educational-access-scheme

For more information about ATARs – how they’re calculated, what’s meant by ‘scaling’, how you can optimise your preferences and how UAC rounds work – visit mq.edu.au/study/about-your-atar

For more information about adjustment factors visit mq.edu.au/adjustment-factors
Each year, Macquarie University awards millions of dollars in scholarships. That’s a lot of cash, and you may find that you’re eligible for some of it.

Funding your potential
CASH IN WITH A SCHOLARSHIP

Most of our scholarships have a strong emphasis on social inclusion and are awarded on the basis of financial need or other hardship. Other scholarships recognise leadership or voluntary experiences, or sporting achievement. We also offer scholarships that enhance the university experience of high-achieving students by fostering personal and professional development.

Scholarships are available in the following categories:

- Academic excellence/leadership/community engagement
- Financial need
- Indigenous
- Rural/residential
- Sport
- Travel

“Balancing sporting and academic life was often very difficult – I had assessments due at the same time I was overseas representing Australia in touch football. But the support I received from Macquarie allowed me to both represent my country and to complete my studies. Since graduating, I’ve secured a fantastic position at Qantas in cyber security.”

Jackson Mills
BACHELOR OF SECURITY STUDIES
MACQUARIE UNIVERSITY SPORT SCHOLAR

Find out more at mq.edu.au/scholarships
It’s true that there are costs involved with uni study. But attending uni is one of the best investments you can make in your future. Plus, we offer lots of support if you need a helping hand.

Make an investment in your future

FEES AND OTHER COSTS

When estimating how much uni study will cost, you need to consider course fees as well as other costs such as student services and amenities fees, textbooks and general living expenses.

COURSE FEES
If you’re a domestic undergraduate student in a bachelor course or diploma (that’s one of the courses listed in this guide), you’re known as a Commonwealth supported student. This means that the Australian Government will pay part of your fees, with the remaining amount being paid by you. This amount is called your student contribution and can be paid up front at the beginning of each session or deferred through HECS-HELP (if eligible).

If you choose to defer your payment, you’ll begin paying your fees once you enter the workforce and your income exceeds a certain threshold ($55,874 in 2018).

HOW MUCH IT WILL COST YOU
Course fees are set by the Australian Government and vary according to the particular subject area you study. The annual student contribution amount for each subject area, based on 23 credit points (full-time study load), falls into one of three bands in 2018 (table below).

STUDENT SERVICES AND AMENITIES FEE
The Student Services and Amenities Fee (SSAF) is a nominal amount to be paid on top of your student contribution per session. It provides funding for student support services such as campus wellbeing, sport and recreation facilities, and food and beverage operations. As with the student contribution for course fees, the SSAF can be paid up front or deferred through SA-HELP.

OTHER COSTS
Beyond your tuition fees, you need to consider the extra costs of being a student. Transport, books, software, accommodation and parking are all common expenses.

FINANCIAL SUPPORT AND SCHOLARSHIPS
We believe that all students who wish to study at uni should be able to, regardless of their financial situation. We offer a generous suite of scholarships and provide a range of financial support services. The Australian Government also offers financial assistance through Austudy, ABSTUDY and Youth Allowance.

It’s true that there are costs involved with uni study. But attending uni is one of the best investments you can make in your future. Plus, we offer lots of support if you need a helping hand.

<table>
<thead>
<tr>
<th>BAND</th>
<th>SUBJECT AREA</th>
<th>ANNUAL STUDENT CONTRIBUTION AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Band 1</td>
<td>Humanities, behavioural science, social studies, education, clinical psychology, foreign languages, visual and performing arts, nursing</td>
<td>$6,444</td>
</tr>
<tr>
<td>Band 2</td>
<td>Mathematics, statistics, computing, built environment, allied health, other health, science, engineering, surveying, agriculture</td>
<td>$9,185</td>
</tr>
<tr>
<td>Band 3</td>
<td>Law, accounting, administration, economics, commerce, dentistry, medicine, veterinary science</td>
<td>$10,354</td>
</tr>
</tbody>
</table>

Note: Contribution amounts are based on 2018 figures and should be used as a guide only. In 2019, fees and fee types (such as Commonwealth supported places) may change due to legislation.

Find out more at mq.edu.au/ug-fees-and-costs
Applying for a uni course is a big step, and it can seem a little overwhelming at times. We get this, so we’ve taken all the tricky stuff and distilled it into five easy steps.

What are you waiting for?
HOW TO APPLY

1. Select
Choose the course you’d like to study
- Check out our courses in this guide
- Visit courses.mq.edu.au
- Attend one of our many info sessions

2. Review
Review your eligibility for our entry programs and adjustment factors
- Check out pages 30–38 for more information

3. Apply
Apply for your chosen course through UAC
- Visit uac.edu.au for more information

4. Offer
If you receive an offer
- Congratulations and welcome to Macquarie. You’ll need to accept your offer at mq.edu.au/ug-secure and complete your enrolment online.

5. No offer
If you don’t receive an offer
- Don’t stress – we offer several pathway programs. Check out pages 34–36 for more information.

If you’re undertaking the International Baccalaureate in 2018, you can use this table to estimate your selection rank for study at Macquarie in 2019.

<table>
<thead>
<tr>
<th>IB score</th>
<th>SELECTION RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>99.95</td>
</tr>
<tr>
<td>44</td>
<td>99.85</td>
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<tr>
<td>43</td>
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<td>25</td>
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<td>24</td>
<td>69.05</td>
</tr>
</tbody>
</table>

NOTE: Figures relate to 2018 entry and should be used as a guide only.
Understanding uni terms is helpful when navigating through your studies. We'll be honest, though—sometimes the words we use can be a bit tricky to get your head around. Here's a quick guide to help you make sense of what we're saying.

Macquarie speak
LEARN THE LINGO

Adjustment factors
Adjustment factors (previously bonus points) are additional points that may be used in combination with your ATAR to derive your selection rank. Adjustments do not change your ATAR, only your selection rank.

ATAR
The Australian Tertiary Admissions Rank (ATAR) is a number between 30.00 and 99.95 that indicates your rank relative to all students you started high school with.

Credit point
To graduate, you need to have completed the specified number of credit points for your course. Each credit point equals about three hours of work per week including class time.

Course
A course is a program of study that you're enrolled in. When you've successfully completed a specified number of credit points in your course, you'll be awarded your degree.

Selection rank
The selection rank considers your ATAR or equivalent rank plus any adjustment factors you're eligible for. You can combine our five adjustment factor schemes to receive up to 10 additional points for most of our courses.

Double degree
A double degree allows you to study two complementary or completely different degrees. It increases your career flexibility and can be completed faster than two single degrees.

GPA
A grade point average (GPA) is a calculation of your overall grades based on units you've completed at uni. Your GPA is a calculation out of 7 and will be included on your academic record.

Major
A major is an area of study that you focus on within courses like the Bachelor of Arts. You may be able to combine two different areas with a double major, or combine a major and a minor.

Minor
Minors are made up of fewer credit points than a major. You may be allowed to supplement your major with a minor (or two minors) in a different study area.

Lecture
Lectures are where you'll learn most of your course content. Their length varies from unit to unit, but most run for one or two hours. Some take place in large theatres while others are in smaller rooms.

Prerequisite
A prerequisite is a school subject—such as HSC Mathematics—that must be completed, or a requirement that must be satisfied, before you can enrol in a particular unit.

Recommended knowledge
Some units assume that you have certain knowledge and skills from previous study, such as the HSC. Introductory units and bridging courses are available if you don't have the recommended knowledge.

UAC
The Universities Admissions Centre (UAC) receives and processes most applications for admission into university in New South Wales and the Australian Capital Territory.

Undergraduate
An undergraduate student is one who is studying their first degree—known as a bachelor degree. Once you've been awarded your bachelor degree, you become a graduate.

Unit
Units are what we call subjects. Most full-time students take four units—each worth a fixed number of credit points—per session. Each unit usually requires about nine hours of study each week.
If you’re having trouble answering that age-old question ‘what do you want to be when you grow up?’ you’re not alone. Choosing a career, the uni course that will help you start that career and the school subjects that match that course can seem a bit overwhelming. But don’t stress – we’re here to help.

## Set your career in motion

### WHAT CAN I STUDY?

You like

- Business studies
- Economics
- Languages
- Mathematics
- Society and culture
- English
- History or geography
- Languages
- Mathematics
- Science
- Engineering studies
- Information processes and technology
- Mathematics
- Physics
- Software design and development
- Biology
- Chemistry
- Earth and environmental science
- Geography
- Physics
- Biology, chemistry or physics
- English
- Mathematics
- PDHPE
- Society and culture
- Community and family studies
- English
- Legal studies
- Science
- Society and culture
- Studies of religion
- Design and technology
- Drama or music
- English
- Society and culture
- Visual arts
- Biology, chemistry, mathematics or physics
- Design or industrial technology
- Earth and environmental science
- Engineering studies
- Information processes and technology
- Community and family studies
- English or languages
- History or geography
- Society and culture
- Studies of religion

You could study

**Business**
Page 62

**Education**
Page 72

**Engineering and IT**
Page 80

**Environment**
Page 88

**Health and medical sciences**
Page 92

**Law, security and intelligence**
Page 106

**Media, creative arts and communication**
Page 112

**Science**
Page 116

**Society, history and languages**
Page 120

You could be

- Accountant
- Actuarial analyst
- Data analyst
- Entrepreneur
- Human resources rep or recruiter
- Marketing specialist
- Early childhood teacher
- Educational researcher
- Games designer
- Software designer
- Web developer
- Engineer
- Entrepreneur
- Geoscientist
- Mining engineer
- Project manager
- Teacher of English as a second language
- Ecologist or earth scientist
- Marine scientist
- Geologist
- Geoscientist
- Soil scientist
- Teacher of English
- Speech pathologist
- Chiropractor
- Doctor
- Medical researcher
- Physiotherapist
- Psychologist
- Barrister or solicitor
- Criminologist
- Defence or intelligence officer
- Security analyst
- State, territory or federal police officer
- Advertising specialist
- Film, music, radio or TV producer
- Journalist
- Marketing or public relations specialist
- Video game designer
- Astronomer or astrophysicist
- Biologist or chemist
- Biotechnologist
- Mathematician or physicist
- Researcher
- Archaeologist or anthropologist
- Historian or museum curator
- Social or market researcher
- Translator or interpreter
- Urban or environmental planner
Part of what makes Macquarie future focused is that we allow you the freedom to explore your interests across a range of areas, rather than lock you in to a single, narrow field.

We do this primarily by offering courses that are interdisciplinary. But we also give you the option to undertake a double degree in either a complementary or completely different area of study.

Double degrees increase your career flexibility and enrich your studies as they are structured to allow different areas of knowledge to feed into each other. They also fast-track your study – you usually complete double degrees one or even two years faster than you would consecutive single degrees.

Macquarie offers double degrees spanning a wide range of fields. You can combine almost any field of study, for example, commerce with engineering, environment with law, or actuarial studies with science.

By undertaking a double degree, you can feed your curiosity, look at things from multiple perspectives and challenge the norm – all while gaining a high-quality qualification.

Our courses – both single and double – are structured in two ways. Some of our courses require that you follow a specific sequence of units that must be completed in order to graduate. Others allow you to choose from a wide range of majors – check out page 126 for more information about majors.

We offer 50 undergraduate courses and 54 double degrees, so we’re confident that over the following pages you’ll find a course that excites and inspires you, and sets you up for an amazing future.
Courses

61 Bachelor of Arts

BUSINESS
64 Bachelor of Actuarial Studies
64 Bachelor of Actuarial Studies with Bachelor of Professional Practice
65 Bachelor of Applied Finance
66 Bachelor of Business Administration
66 Bachelor of Business Analytics
69 Bachelor of Business Leadership and Commerce
67 Bachelor of Commerce
68 Bachelor of Commerce – Professional Accounting
68 Bachelor of Commerce – Professional Accounting with Bachelor of Professional Practice
69 Bachelor of Economics
70 Bachelor of Global Business
70 Bachelor of Marketing and Media

EDUCATION
75 Bachelor of Teaching (Early Childhood Education)
77 Bachelor of Arts with Bachelor of Education (Primary)
77 Bachelor of Arts – Psychology with Bachelor of Education (Primary)
79 Bachelor of Arts with Bachelor of Education (Secondary)
79 Bachelor of Science with Bachelor of Education (Secondary)

ENGINEERING AND IT
82 Bachelor of Engineering (Honours) in Electrical Engineering
82 Bachelor of Engineering (Honours) in Electronics Engineering
83 Bachelor of Engineering (Honours) in Mechanical Engineering
84 Bachelor of Engineering (Honours) in Mechatronic Engineering
84 Bachelor of Engineering (Honours) in Software Engineering
85 Bachelor of Engineering (Honours) in Telecommunications Engineering
85 Bachelor of Digital Business
86 Bachelor of Information Technology
86 Bachelor of Information Technology – Games Design and Development

ENVIRONMENT
90 Bachelor of Biodiversity and Conservation
91 Bachelor of Environment
91 Bachelor of Marine Science

HEALTH AND MEDICAL SCIENCES
94 Bachelor of Clinical Science
94 Bachelor of Chiropractic Science
95 Bachelor of Medical Sciences
99 Bachelor of Human Sciences
101 Bachelor of Psychology (Honours)
101 Bachelor of Arts – Psychology
105 Bachelor of Science – Psychology
105 Bachelor of Speech, Hearing and Language Sciences

LAW, SECURITY AND INTELLIGENCE
109 Bachelor of Laws
110 Bachelor of Laws double degrees
111 Bachelor of Security Studies

MEDIA, CREATIVE ARTS AND COMMUNICATION
114 Bachelor of Marketing and Media
114 Bachelor of Media

SCIENCE
118 Bachelor of Advanced Science
118 Bachelor of Science
119 Bachelor of Science – Global Challenges

SOCIETY, HISTORY AND LANGUAGES
122 Bachelor of Ancient History
123 Bachelor of Archaeology
123 Bachelor of Ancient History
124 Bachelor of Planning
124 Bachelor of Social Science
### Business

#### Bachelor of Arts

<table>
<thead>
<tr>
<th>Undergraduate course</th>
<th>2018 selection rank</th>
<th>Adjustment factors</th>
<th>Academic Entry Program</th>
<th>Global Leadership Entry Program</th>
<th>SRS</th>
<th>IB Early Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Actuarial Studies</td>
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<td>B Actuarial Studies with B Professional Practice</td>
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<tr>
<td>B Actuarial Studies with B Science</td>
<td>97.00</td>
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</tr>
<tr>
<td>B Applied Finance</td>
<td>88.00</td>
<td>** ^ ^ ^ ^</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>B Applied Finance with B Actuarial Studies</td>
<td>97.00</td>
<td></td>
<td></td>
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### 2018 selection rank explained

The selection rank considers your ATAR or equivalent rank plus any adjustment factors you’re eligible for. You can combine our five adjustment factor schemes to receive up to 10 additional points for most of our courses. For more information about entry programs and your eligibility to receive additional points, check out pages 30–38.

* Academic Advantage
* Big History Scheme
* Arts, Music and Creative Performers Scheme
* Educational Access Scheme
* Regional Entry Scheme
* SRS – Schools Recommendation Scheme
* IB – International Baccalaureate
* N/A – 2018 selection rank not applicable
* NC – new course, selection rank not yet determined
### Education

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### Engineering and IT

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### 2018 selection rank explained

The selection rank considers your ATAR or equivalent rank plus any adjustment factors you’re eligible for. You can combine our five adjustment factor schemes to receive up to 10 additional points for most of our courses. For more information about entry programs and your eligibility to receive additional points, check out pages 30–38.

* Academic Advantage
* Big History Scheme
* Schools Recommendation Scheme
* Educational Access Scheme
* Regional Entry Scheme
SRS = Schools Recommendation Scheme
IB = International Baccalaureate
N/A = 2018 selection rank not applicable
NC = New course, selection rank not yet determined
### Law, security and intelligence

#### Undergraduate course

<table>
<thead>
<tr>
<th>Course</th>
<th>2018 selection rank</th>
<th>Adjustment factors</th>
<th>Academic Entry Program</th>
<th>Global Leadership Entry Program</th>
<th>SRS</th>
<th>IB Early Entry</th>
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<td>B Arts with B Laws</td>
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### Media, creative arts and communication

#### Undergraduate course

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### Science

#### Undergraduate course

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### Society, history and languages

#### Undergraduate course

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<th>IB Early Entry</th>
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<td>B International Studies</td>
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### 2018 selection rank explained

The selection rank considers your ATAR or equivalent rank plus any adjustment factors you’re eligible for. You can combine our five adjustment factor schemes to receive up to 10 additional points for most of our courses. For more information about entry programs and your eligibility to receive additional points, check out pages 30–38.

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Visit courses.mq.edu.au for more information about our courses.
Arts graduates are highly sought after by employers because arts courses ensure you develop strong capabilities in a range of areas such as problem solving, research, creative thinking and communication – skills essential for success in the 21st century workplace. Macquarie's Bachelor of Arts allows you to turn your passion into a career by exploring your interests in depth, and honing your skills and knowledge through internships, practical application and expert teaching.

**KEY FEATURES**
- No other course at Macquarie offers as much flexibility and as wide a range of units as the Bachelor of Arts.
- You’ll be taught by active researchers, published academics, and award-winning teachers and industry professionals.
- You’ll have the opportunity to connect with employers and communities via internships, work-integrated learning opportunities and study abroad experiences.

**WHAT YOU CAN STUDY**
This course requires you to choose a qualifying major from the following:

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<th>Major</th>
<th>Code</th>
<th>Previous Year's Selection Rank</th>
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<td>300107</td>
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<tr>
<td>Ancient History – Egypt and Near East</td>
<td>300907 (Distance)</td>
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<tr>
<td>Ancient History – Greece, Rome and Late Antiquity</td>
<td>son of a Venture</td>
<td>300907</td>
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<tr>
<td>Anthropology</td>
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<td>Applied Mathematics</td>
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<tr>
<td>Chinese English Translation and Interpreting</td>
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<td>Cognitive and Brain Sciences</td>
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<td>Computing</td>
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<td>Creative Writing</td>
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<td>Criminology</td>
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<td>Croatian Studies</td>
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<td>Cyber Security</td>
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<td>Dance and Performance</td>
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<td>Data Science</td>
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<td>Decision Science</td>
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<td>Development Studies and Culture Change</td>
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**CAREER OPTIONS**
Archivist, arts manager, business manager, choreographer, communications officer, criminologist, entrepreneur, historian, human resources manager, intelligence officer, international development adviser, interpreter (after further study), journalist, legal officer, lobbyist, marketing manager, multimedia specialist, museum officer, project manager, radio producer, social change activist, social market researcher, teacher (after further study), television/film producer, translator (after further study), webgame developer, writer.
As a graduate in the business field, you’ll be sought after by leading companies and non-government organisations across Australia and around the world. That’s because Macquarie equips you with the skills that employers want. Our interdisciplinary approach gives you the chance to combine courses and get hands-on experience through internships with some of Australia’s best companies. We offer flexibility so you can choose to generalise or specialise in an area that interests you – be it accounting, actuarial studies, analytics, business, commerce, economics, entrepreneurship, finance, human resources, management or marketing.

We have 440 PACE (Professional and Community Engagement) industry partners and offer work placements with organisations such as Deloitte, GlaxoSmithKline, Konica Minolta, KPMG and Optus.

You’ll be supported throughout your study with our BE Successful program. This includes mentoring, academic assistance, career workshops and online preparation activities.

Our new Finance Decision Lab is a collaborative learning space where you’ll create and share knowledge, and solve real problems using real-time data.

Why choose business at Macquarie?

✅ We have 440 PACE (Professional and Community Engagement) industry partners and offer work placements with organisations such as Deloitte, GlaxoSmithKline, Konica Minolta, KPMG and Optus.

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✅ Our new Finance Decision Lab is a collaborative learning space where you’ll create and share knowledge, and solve real problems using real-time data.

Business
**Bachelor of Actuarial Studies**

3 years full-time

97.00 previous year’s selection rank

300231 UAC code

courses.mq.edu.au/BActStud

**DOUBLE DEGREES**

Undertake this course with:
- Bachelor of Applied Finance
- Bachelor of Science

**ACCREDITATION**

This course is accredited by the Actuaries Institute. If you complete it with grades of credit or above in the relevant units, you’re eligible to apply for exemption from Part I of the Actuaries Institute’s professional exams. If you complete it as part of a double degree with grades of credit or above in the relevant units, you’re eligible to apply for exemption from Parts I and II of the Actuaries Institute’s professional exams.

**WHAT YOU CAN STUDY**

Contingent payments, insurance mathematics, mathematics of finance, probability, professional standards and practices, statistics.

**CAREER OPTIONS**

Actuary; claims adjuster/examiner/investigator; fund manager; insurance analyst; life, health or general insurance specialist; pricing/marketing actuary; risk analyst; superannuation consultant; underwriter.

**ACCREDITATION**

This course is accredited by the Actuaries Institute. It allows you to complete Part I and one unit of Part II of the Actuaries Institute’s professional exams, subject to your academic performance in the relevant units.

**CAREER OPTIONS**

Actuary; claims adjuster/examiner/investigator; entrepreneur, fund manager; insurance analyst; life, health or general insurance specialist; pricing/marketing actuary; risk analyst; superannuation consultant; underwriter.

**Get an advantage**

**PROFESSIONAL ACCREDITATION**

Many of our business courses are accredited by peak professional bodies, giving you a head start on your career.
Bachelor of Business Administration

3 years full-time/equivalent part-time
80.00 previous year’s selection rank
300204 UAC code
courses.mq.edu.au/BBA

DOUBLE DEGREES
Undertake this course with:
- Bachelor of Arts
- Bachelor of Arts – Psychology
- Bachelor of Commerce – Professional Accounting
- Bachelor of Laws
- Bachelor of Psychology (Honours)

In today’s globalised world where competition among businesses is at an all-time high, there are very few careers in which a comprehensive knowledge of business isn’t revered. The best business administrators are equally talented at managing numbers as they are at managing people – they’re leaders, strategic thinkers, creative problem solvers and innovators. Studying business administration at Macquarie will allow you to develop your skills in accounting, business, ethics, management, marketing and strategy – all key competencies you’ll need to succeed in today’s dynamic global business environment.

KEY FEATURES
- You’ll develop a broad skill set suitable for a range of roles with national and multinational organisations.
- Flexible unit choices allow you to follow your interests.
- You can combine this course with another to focus on areas such as accounting, law or organisational psychology.
- You’ll have opportunities to get real-world experience with leading Australian organisations through internships, as well as the option of studying overseas with partner universities.

WHAT YOU CAN STUDY
Accounting, human resources, international business, marketing, organisational behaviour, strategic management.

CAREER OPTIONS
Business analyst, business owner or manager, human resources manager, management consultant, marketing consultant, sales manager.

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Bachelor of Business Leadership and Commerce

4 years full-time/equivalent part-time
N/A previous year’s selection rank
300206 UAC code
courses.mq.edu.au/BusleadCom

NOTE: Your application for entry into this course will be assessed using your academic performance and additional selection criteria (CV and interview).

Today’s business landscape is dynamic and more competitive than ever before. Tomorrow’s will be even more so. To keep pace with such rapid change, companies need pioneering leaders who are agile, motivated and resilient. Leaders who inspire greatness.

This prestigious course is a pathway to a career as a business leader. You’ll develop higher-level skills that will help you lead people, work collaboratively, rapidly adapt to changing circumstances, come up with innovative and creative solutions to business problems, communicate clearly and effectively, and manage diversity.

KEY FEATURES
- This course is suitable for high-achieving students who wish to be tomorrow’s business leaders by extending their commerce/business discipline learning to encompass the theory and application of leadership.
- Developed in response to employers’ needs, it combines personal leadership development with a traditional professional degree.
- It builds knowledge and skills in critical, analytical and integrative thinking; professional judgement; and problem solving through academic knowledge and experiential skill-based learning.

WHAT YOU CAN STUDY
This course requires you to choose a qualifying major from the following: Accounting, Business Information Systems, Decision Science, Economics, Entrepreneurship, Finance, Human Resources, International Business, Marketing.

CAREER OPTIONS
Business analyst, human resources manager, management consultant, marketing consultant, public and community sector manager, sales manager.

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Bachelor of Business Analytics

3 years full-time
85.00 previous year’s selection rank
300205 UAC code
courses.mq.edu.au/BusAnalytics

DOUBLE DEGREES
Undertake this course with:
- Bachelor of Applied Finance
- Bachelor of Commerce – Professional Accounting
- Bachelor of Economics
- Bachelor of Security Studies

The world is undergoing a data revolution – each day, 2.5 quintillion bytes of data are created or replicated. Big data has become big business, and individuals with the ability to extract value from these data sources are in demand across the globe.

Developed and refined in consultation with industry so content is always current and relevant, this course equips you with knowledge and skills to help businesses better understand their consumers, innovate, reduce their risk and maximise opportunities.

KEY FEATURES
- In-depth training in multiple disciplines provides you with qualitative skills (graphic presentation and information communication), quantitative skills (modelling and statistics), computing skills (business information/intelligence systems and programming) and business training (accounting, business analytics, forecasting and management).
- You’ll gain the broad-based training you need to appeal to a variety of potential employers.
- You’ll acquire an integrated body of core technical knowledge relating to business analytics and information systems, and their applications within a business environment.

WHAT YOU CAN STUDY
Data management, data mining, database systems, demography, statistics, systems design.

CAREER OPTIONS
Applications modeller and developer, behavioural forecaster, business intelligence analyst, business process improvement specialist, customer insights manager, internet marketing specialist, management consultant.

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Bachelor of Commerce

3 years full-time/equivalent part-time
80.00 previous year’s selection rank
300210 UAC code
courses.mq.edu.au/BCom

DOUBLE DEGREES
Undertake this course with:
- Bachelor of Arts
- Bachelor of Arts – Psychology
- Bachelor of Engineering (Honours) in Electrical Engineering
- Bachelor of Engineering (Honours) in Electronics Engineering
- Bachelor of Engineering (Honours) in Mechanical Engineering
- Bachelor of Engineering (Honours) in Mechanical Engineering
- Bachelor of Engineering (Honours) in Mechatronic Engineering
- Bachelor of Engineering (Honours) in Software Engineering
- Bachelor of Engineering (Honours) in Telecommunications Engineering
- Bachelor of Laws
- Bachelor of Psychology (Honours)
- Bachelor of Science

ACCREDITATION
The Human Resources major is accredited with the Australian Human Resources Institute. The Marketing major is accredited with the Australian Marketing Institute.

In today’s fast-moving and complex business environment, a comprehensive understanding of all business functions, in combination with a set of practical skills, will enable you to succeed as an in-demand business professional.

This course will prepare you to become a business professional in a wide range of careers. You’ll study a set of extensive and integrated foundation units to orient you to business, and then you’ll complete one or two majors to develop depth in your chosen discipline/s.

KEY FEATURES
- Compulsory foundation units in the first year develop your core skills in all major business areas.
- You can choose from nine majors to develop specialist knowledge in a chosen discipline, or combine two majors to expand your options.
- This course provides a blend of theory and applied knowledge. The critical-thinking, analytical, problem-solving and communication skills you’ll acquire are highly sought after by employers.
- You’ll have opportunities to undertake internships with industry.

WHAT YOU CAN STUDY
This course requires you to choose a qualifying major from the following: Accounting, Business Information Systems, Decision Science, Economics, Entrepreneurship, Finance, Human Resources, International Business, Marketing.

CAREER OPTIONS
Advertising consultant, brand manager, business analyst, financial analyst, human resources manager, management consultant, market researcher, marketing professional, sales manager, social media manager.
Bachelor of Commerce – Professional Accounting

Accounting is often referred to as the language of business. Understanding this language means accountants hold the privileged position of being key contributors to a business’ success. Armed with such skills, accountants can apply their knowledge in any number of dynamic industries. This course enables you to understand the challenges and issues facing the world and the accounting profession at present, and helps you meet the requirements for professional accreditation in accounting.

KEY FEATURES
• You’ll gain essential accounting and reporting knowledge, as well as a range of business-related skills in assurance and audit, commercial law, economics, financial management, information systems and statistics.
• The professional accounting sequence meets the tertiary education requirements of CPA Australia, Chartered Accountants Australia and New Zealand (CAANZ), the Association of Chartered Certified Accountants (ACCA) and the Institute of Public Accountants (IPA).
• Double-degree options, some of which can be completed in four years of full-time or equivalent part-time study, are available to expand your career options.

WHAT YOU CAN STUDY
Auditing and assurance, business and taxation law, economics and statistics, finance, financial and management accounting, information systems.

CAREER OPTIONS
Accountant, auditor, banker, business analyst, forensic accountant, government policy planner/analyst.

Bachelor of Commerce – Professional Accounting with Bachelor of Professional Practice

Qualified accounting professionals with the analytical, problem-solving and communication skills required to work collaboratively across organisations, as well as the ability to utilise business acumen and embrace emerging technologies, will be the future of the accounting profession. With the addition of the Bachelor of Professional Practice, this highly competitive combined course provides you with the unique opportunity to undertake Macquarie’s Co-operative Education (Co-op) program. In this program, you’ll alternate between classroom studies and workplace experience in the form of three industry placements of three to six months each. This will allow you to develop your professional skills, including communication, creativity, ethical practice and entrepreneurial expertise. You’ll develop networks across a number of professional settings throughout your course, as well as utilise your practical experiences in the classroom to further enhance your studies.

KEY FEATURES
• This combined course - co-created with industry - will prepare you for the future of work.
• You’ll explore a range of career options during your industry placements.
• You’ll be financially remunerated.
• Mentoring and networking will improve your employability outcomes.

WHAT YOU CAN STUDY
Auditing and assurance, business and taxation law, economics and statistics, ethical practice, finance, financial and management accounting, information systems, project management.

CAREER OPTIONS
Accountant, auditor, banker, business analyst, entrepreneur, forensic accountant, government policy planner/analyst.

Bachelor of Economics

Economic issues are inherent in our everyday lives. Economics affects us as consumers, employees, producers, investors, manufacturers, carers and much more. As members of a society, we all need to be able to make informed decisions about the optimal allocation of our limited resources.

This course will provide you with a sound understanding of today’s complex economic environment. You’ll learn about how modern economies operate, the role of prices and markets in allocating resources, how economies trade and grow, and economic modelling.

KEY FEATURES
• You’ll become proficient in microeconomic and macroeconomic policy with some exposure to financial economics and econometrics, giving you the strong theoretical background required for a successful career in either the public or private sector.
• You can tailor this course to your needs and interests by studying traditional areas such as econometrics, finance, trade and development, or units from other areas such as language, philosophy, politics or sociology.
• An emphasis on applied economic skills provided by the study of econometrics will allow you to meet the expectations of major employers, such as commercial and investment banks, economic consultancies, state and federal departments, and the Reserve Bank of Australia.

WHAT YOU CAN STUDY
Econometrics, environmental economics, financial economics, industrial organisation, macroeconomics, microeconomics.

CAREER OPTIONS
Econometrician, economist, financial analyst, investment analyst, market analyst, planning/policy analyst.
Bachelor of Global Business

Globalisation has changed the face of business forever. Traditional economic boundaries have all but disappeared, meaning business is now conducted across different cultures, political systems, languages and social structures. As a result, individuals who understand the complexities of conducting business on a global scale are in demand.

This course will equip you with the skills and knowledge you’ll need to make your mark in this intricate and exciting field. You’ll develop a solid understanding of global business as well as a second-language capability in a major Asian or European language so you can take your career around the world.

KEY FEATURES
- This course combines knowledge in business, entrepreneurship and global trade law, giving you a well-rounded understanding of business at an international level.
- Our focus on intercultural language learning ensures you develop a deeper understanding of your chosen language in a global business context.
- Targeted at high-achieving students, this course combines a commercial understanding of global business, a major in an Asian or European language, and an internship in an international company – either in Australia or overseas.

WHAT YOU CAN STUDY
This course requires you to choose a qualifying major from the following: Chinese Studies, Chinese-English Translation and Interpreting, Croatian Studies, English as a Foreign Language, French and Francophone Studies, German Studies, Italian Studies, Japanese Studies, Modern Greek Studies, Polish Studies, Russian Studies, Spanish and Latin American Studies.

CAREER OPTIONS
Business journalist, Chinese-English interpreter and translator (after further study), global business analyst, international marketer, management consultant, public servant (including trade facilitation, and diplomatic and foreign affairs).

Bachelor of Marketing and Media

Digital media has had a profound influence on the marketing landscape. Google Adwords, email marketing, online PR, paid search, SEO and social media are all essential elements for marketing success, and for any business wishing to build mutually rewarding relationships with its customers.

This course offers a unique blend of marketing strategy, brand management and digital production, which will set you apart in the job market. As well as learning about the theories modern marketing is built on, you’ll develop a thorough understanding of both traditional and emerging media, and have opportunities to hone your practical skills in media-related technologies that can be applied in a marketing context.

KEY FEATURES
- You’ll be taught by widely published academics, professional marketers and award-winning media producers – all with industry experience.
- You’ll use high-quality media facilities with professional studio spaces, industry-standard digital workstations for all production areas, a specially equipped theatre for screenings and digital production tools.
- This course emphasises a balance between theoretical understanding and practical application in both professional marketing and media.

WHAT YOU CAN STUDY
Australian media, business and creative arts management, digital marketing, integrated marketing communications, media cultures, public relations.

CAREER OPTIONS
Brand manager, broadcasting production manager, corporate communications producer, digital engagement manager, marketing communications specialist, media and public relations specialist.
Education

To teach successfully in today’s rapidly changing environment, it’s important that as a teacher you possess several key attributes. As well as having relevant and up-to-date knowledge of your discipline and well-rounded teaching know-how, you’re also expected to develop the capabilities that will give your career long-term sustainability. As a Macquarie teaching graduate, you’ll benefit from our uniquely developed 5Rs framework. Through this framework, you’ll become a teacher who is resilient, reflexive, responsive, ready to learn and research engaged. Backed by this distinct skill set, you’ll inspire, enrich lives and empower individuals to realise their full intellectual and social potential.

Why choose education at Macquarie?

- Macquarie is ranked third in New South Wales in teacher education (QS Rankings, 2017).
- We’re one of the only universities in Australia to offer specialisations in science, technology, engineering and maths (STEM) and literacy within our primary teaching courses, so you’ll graduate with an edge over your peers.
- Our internationally renowned and research-driven on-campus early childhood study centre offers a unique range of learning and research opportunities.
When children are exposed to positive educational experiences prior to school, their learning capabilities – and in turn their chances of excelling in school – are greatly improved. Quality early childhood education provides the foundation for learning, and helps young children develop their social and emotional skills.

This course qualifies you to teach children aged from birth to five years in prior-to-school settings such as childcare centres or preschools, as well as for roles in children’s services.

**KEY FEATURES**

- You’ll have access to training through Macquarie’s Mia Mia Child and Family Study Centre.
- From your second year, you’ll undertake professional experience in early childhood settings. This allows you to make connections between theory and real-world practice.
- This course is available on campus, via distance education, or through a combination of both (some on-campus study is compulsory).
- Our flexible study mode enables you to continue to be employed full time while studying.
- Recognition of prior learning is given if you hold a Diploma of Early Childhood Education and Care or equivalent.
- You don’t need to achieve an HSC Band 5 result in three subjects (including English) to enter this course, you only need to meet the selection rank to be considered.

**WHAT YOU CAN STUDY**

Child development and health, early childhood curriculum content, early childhood teaching principles, family and community contexts, inclusive education, learning and teaching in outdoor environments, management and leadership.

**CAREER OPTIONS**

Long day care centre teacher, preschool teacher, teacher/director in prior-to-school settings, early childhood services coordinator or consultant; pathway for early childhood research career.

**Bachelor of Teaching (Early Childhood Education)**

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**ACCREDITATION**

This course is accredited by the Australian Children’s Education and Care Quality Authority (ACECQA), and is recognised nationally and internationally by early childhood education providers. Such accreditation requires that all students completing an initial teaching degree must demonstrate suitability for teaching. You’ll therefore be required to complete a short survey about your learning approaches and disposition as a future teacher.

**WHAT YOU CAN STUDY**

Child development and health, early childhood curriculum content, early childhood teaching principles, family and community contexts, inclusive education, learning and teaching in outdoor environments, management and leadership.

**CAREER OPTIONS**

Long day care centre teacher, preschool teacher, teacher/director in prior-to-school settings, early childhood services coordinator or consultant; pathway for early childhood research career.

**5Rs framework**

Macquarie’s unique 5Rs framework will provide you with key attributes to maximise the positive impact you’ll have on your students. As well as acquiring the most up-to-date knowledge of your discipline and well-rounded teaching know-how, as a Macquarie student, you’ll also learn how to practice resilience inside and outside the classroom; be reflexive in your teaching practice; be responsive to students, colleagues, parents and professional communities; be ready to learn; and be research engaged throughout your career.
Primary teaching pathways

Bachelor of Arts with Bachelor of Education (Primary)

BACHELOR OF ARTS WITH BACHELOR OF EDUCATION (PRIMARY)
4 years

OR

BACHELOR OF ARTS – PSYCHOLOGY WITH BACHELOR OF EDUCATION (PRIMARY)
4 years

EARLY CHILDHOOD TEACHING MAJOR IN BACHELOR OF ARTS WITH BACHELOR OF EDUCATION (PRIMARY)
4 years

Career

Primary teacher

Early childhood and primary teacher (Teach from birth to 12 years)

Bachelor of Arts with Bachelor of Education (Primary)

4 years full-time/equivalent part-time
75.00 previous year’s selection rank
300405 UAC code
courses.mq.edu.au/BABEdPrim

ACCREDITATION
Graduates are eligible to teach in government and non-government schools. This course is accredited by the NSW Education Standards Authority (NESA), and is recognised nationally and internationally by education providers.

Such accreditation requires that all students completing an initial teaching degree must demonstrate suitability for teaching. You’ll therefore be required to complete a short survey about your learning approaches and disposition as a future teacher.

WHAT YOU CAN STUDY
Approaches to the teaching of literacy and numeracy, classroom management strategies and techniques, contemporary approaches to assessment and reporting, curriculum development and implementation, how to develop and implement quality learning experiences, human development and learning, strategies for addressing the diverse needs of students.

CAREER OPTIONS
Primary teacher, educational adviser to government or other agencies, educational policy planner, education officer within a range of public and private institutions, educational researcher.

Bachelor of Arts – Psychology with Bachelor of Education (Primary)

4 years full-time/equivalent part-time
83.00 previous year’s selection rank
300409 UAC code
courses.mq.edu.au/BA-PsychEdPrim

ACCREDITATION
Graduates are eligible to teach in government and non-government schools. This course is accredited by the NSW Education Standards Authority (NESA), and is recognised nationally and internationally by education providers.

Such accreditation requires that all students completing an initial teaching degree must demonstrate suitability for teaching. You’ll therefore be required to complete a short survey about your learning approaches and disposition as a future teacher.

This course is also accredited by the Australian Psychology Accreditation Council (APAC), which allows you to proceed to an APAC-approved fourth-year of psychology course.

WHAT YOU CAN STUDY
Approaches to the teaching of literacy and numeracy, classroom management strategies and techniques, contemporary approaches to assessment and reporting, curriculum development and implementation, how to develop and implement quality learning experiences, human development and learning, strategies for addressing the diverse needs of students.

CAREER OPTIONS
Primary teacher; corporate educational services consultant; government researcher, adviser, policy or program writer; market researcher; school counsellor (after further study).
**Career Options**

Bachelor of Arts with Bachelor of Education (Secondary)

- **Key Features**
  - Graduate is eligible to teach in government and non-government schools. This course is accredited by the NSW Education Standards Authority (NESA), and is recognised nationally and internationally by education providers.
  - Such accreditation requires that all students completing an initial teaching degree must demonstrate suitability for teaching. You'll therefore be required to complete a short survey about your learning approaches and disposition as a future teacher.

- **Career Options**
  - Secondary teacher, educational adviser to government or other agencies, educational policy planner, education officer within a range of public and private institutions, education researcher.

Bachelor of Science with Bachelor of Education (Secondary)

- **Key Features**
  - Our program is University wide, meaning you learn teaching subjects from experts in each key learning area. For example, in English you'll learn from our world-class English teachers and researchers.
  - You'll be taught by academics who are researching the latest approaches to teaching.
  - Macquarie is a leader in educational research—particularly in the areas of information and communication technology, and maths and science teaching.
  - You'll participate in a comprehensive professional experience program.
  - You don't need to achieve an HSC Band 5 result in three subjects (including English) to enter this course, you only need to meet the selection rank to be considered.

- **Career Options**
  - Secondary teacher, educational adviser to government or other agencies, educational policy planner, education officer within a range of public and private institutions, science-related education consultant.
Our location in Australia’s high-tech precinct and our ongoing relationships with business – including a partnership with Optus to establish the $10 million Cyber Security Hub – provide opportunities for you to undertake work experience and network with industry.

**Engineering and IT**

Our engineering program uniquely combines a solid foundation in theoretical knowledge with modern, practical skills acquisition and industry experience. With most accredited by Engineers Australia – meaning your qualification will be recognised in Australia and abroad – our engineering courses allow you to specialise in electrical, electronic, mechanical, mechatronic, software and telecommunications engineering.

Our IT courses are developed in consultation with industry and satisfy the standard for the professional level of the Australian Computer Society. We offer flexible courses that give you the opportunity to specialise in up to two fields, including information systems and business analysis, software technology solutions, cyber security, data science, games design and development, and web design and development.

**Why choose engineering and IT at Macquarie?**

- Our location in Australia’s high-tech precinct and our ongoing relationships with business – including a partnership with Optus to establish the $10 million Cyber Security Hub – provide opportunities for you to undertake work experience and network with industry.

- We offer a unique range of study options that will give you the skills you’ll require for a career in the automated future.

- We have a dedicated mentoring group to support women in technology and a high teacher-to-student ratio, meaning you’ll be well supported throughout your course.
Bachelor of Engineering (Honours) in Electrical Engineering

Energy technology and systems are currently undergoing a rapid transition. The demand for renewable energy generation and storage, and the use of sophisticated information technology for monitoring and management, has never been greater. This rapidly evolving environment presents unique opportunities for highly skilled electrical engineers, as it is they who will facilitate the transition of society to more sustainable energy systems.

This course will provide you with the unique combination of skills you’ll need to design and operate future electrical energy systems within the context of existing electric power systems.

KEY FEATURES
- You’ll learn about the fundamentals of energy systems, power electronics and electrical machines, and develop the skills required to design and build the systems that generate and use electrical energy.
- You’ll learn how to predict the real-world performance of electrical systems and understand how electrical engineering can help tackle global environmental challenges.
- You’ll have opportunities to take advantage of our strong industry partnerships with major companies such as BAE Systems, Cochlear, Honeywell and Optus, which are located close to the University in one of Australia’s leading high-tech precincts.

WHAT YOU CAN STUDY
Computer programming, electrical system fundamentals, energy conversion and storage, feedback and system control, grid management and system design, network management and optimisation.

CAREER OPTIONS
Aerospace engineer, computer hardware engineer, electrical and electronics designer and manufacturer, environmental and sustainability designer and manager.

Bachelor of Engineering (Honours) in Mechanical Engineering

Mechanical engineers are central to the production of almost every item we use. They analyse, conceptualise, design and manufacture items from the very small – such as micro machines – to the very large – such as aircraft.

This course will equip you with the skills you’ll require to design mechanical systems by providing you with a strong foundation in basic sciences; statics; dynamics; and mechanics of solids, thermofluids and materials; as well as advanced knowledge in manufacturing, novel materials and micro-scale devices.

KEY FEATURES
- This comprehensive, flexible course has a strong focus on practical learning.
- You’ll have opportunities to interact with academics in a variety of groundbreaking areas from life sciences to nanofabrication.
- Your learning is enhanced by our strong industry partnerships with major companies such as BAE Systems, Cochlear and Honeywell, which are located close to the University in one of Australia’s leading high-tech precincts.

WHAT YOU CAN STUDY
Electrical and mechanical principles, energy and sustainability, heat and mass transfer, modern mechanics, product design, thermodynamics.

CAREER OPTIONS
Automotive engineer, designer and manufacturer, maintenance engineer, mechanical engineer, project manager, water engineer.
Bachelor of Engineering (Honours) in Mechatronic Engineering

4 years full-time

80.00 previous year’s selection rank

300714 UAC code
courses.mq.edu.au/BEHons-Mechatronic

DOUBLE DEGREES
Undertake this course with:
- Bachelor of Arts
- Bachelor of Science

ACCREDITATION
This course is accredited by Engineers Australia. Accredited engineering qualifications are recognised internationally.

WHAT YOU CAN STUDY
Computer programming; electric and magnetic interactions; hardware, design and systems; mechanical principles; modern mechanics.

CAREER OPTIONS
Consultant, infrastructure manager, mechatronic engineer, medical device designer and manufacturer, robotics designer and programmer.

Bachelor of Engineering (Honours) in Telecommunications Engineering

4 years full-time

80.00 previous year’s selection rank

300716 UAC code
courses.mq.edu.au/BEHons-Telecommunications

DOUBLE DEGREES
Undertake this course with:
- Bachelor of Arts
- Bachelor of Commerce
- Bachelor of Science

ACCREDITATION
This course is accredited by Engineers Australia. Accredited engineering qualifications are recognised internationally.

WHAT YOU CAN STUDY
Telecommunications engineers will shape the future. Responsible for designing, building and managing the rapidly developing information communication technology and networks based on mobile technology, 4G/5G mobile networks, data centres and cloud computing, they’ll be at the heart of the Internet of Things. This course will equip you with the skills you’ll require to design communication devices and equipment, and develop and manage the communication networks that society and industry rely on.

CAREER OPTIONS
Laser and fibre optic engineer, software and computer systems engineer, telecommunications and infrastructure project manager.

Bachelor of Engineering (Honours) in Software Engineering

4 years full-time

80.00 previous year’s selection rank

300715 UAC code
courses.mq.edu.au/BEHons-Software

DOUBLE DEGREES
Undertake this course with:
- Bachelor of Arts
- Bachelor of Commerce
- Bachelor of Science

ACCREDITATION
This course is accredited by Engineers Australia. Accredited engineering qualifications are recognised internationally.

WHAT YOU CAN STUDY
Software engineers play a key role in modern society, ensuring computer-controlled systems and processes – including business systems, telecommunications, operating systems, firmware and middleware applications – are designed to operate continuously. They also apply systematic and disciplined methods to software development, operation and maintenance to produce robust code for an ever-connected world.

This course will equip you with the knowledge and skills you’ll require to program, test and bug-fix software products that could help change the world.

CAREER OPTIONS
App developer, mobile technologist, software developer, software engineer, systems programmer, web developer.

Bachelor of Digital Business

3 years full-time

85.00 previous year’s selection rank

300496 UAC code
courses.mq.edu.au/BDigitalBus

ACCREDITATION
This course satisfies the standard for the professional level of the Australian Computer Society.

WHAT YOU CAN STUDY
Digital business is an exciting and lucrative element of commerce. People the world over are browsing, buying and selling, exchanging information and conducting research at breakneck speed. This is digital business at work.

This interdisciplinary course qualifies you for a wide range of careers in digital business as you’ll gain skills in both information technology and business.

CAREER OPTIONS
Business administration, computer networking and programming, databases, e-commerce technology, enterprise integration, information systems, web technology.
Bachelor of Information Technology

The world is undergoing an information explosion at the same time business is becoming more competitive. People with the skills to help businesses innovate and better serve their customers are incredibly valuable.

This flagship IT course allows you to specialise in up to two key areas of IT through the choice of five majors: Cyber Security, Data Science, Information Systems and Business Analysis, Software Technology, and Web Design and Development. Having skills across multiple fields will give you a competitive edge.

KEY FEATURES
• The Cyber Security major provides you with the knowledge to create an effective cyber security environment for commercial, private and industrial applications.
• The Data Science major provides you with the robust analytical skills necessary for a successful career in data science.
• The Information Systems and Business Analysis major provides you with the skills to manage data, information and knowledge resources within an organisation.
• The Software Technology major develops your practical skills in information systems, programming and software engineering for a career in computer software development.
• The Web Design and Development major delivers sound training in the latest web technologies, addressing both front-end and back-end aspects.
• You’ll undertake a project in your final year to practice your knowledge and skills in a software development life cycle.
• Your learning is enhanced by our location in one of Australia’s leading high-tech precincts.

WHAT YOU CAN STUDY
Algorithmics, computer networks, database technology, e-commerce technology, information systems for management, programming, web technology.

CAREER OPTIONS
Business analyst, database administrator, information technology consultant, programmer, systems development manager, web developer.

Bachelor of Information Technology - Games Design and Development

Angry Birds, Candy Crush, Minecraft, Call of Duty, Grand Theft Auto. Thanks to each of these, the gaming industry today is worth billions of dollars. And thanks to the proliferation of handheld devices, gaming is more accessible than ever before – with people of all ages, genders and backgrounds able to get their game on.

With a thorough grounding provided in software design and development, as well as specialist units that critically appraise video games as designs and cultural media products, this course equips you with the skills you’ll need for a successful career designing and creating the next wave of popular video games and virtual worlds.

KEY FEATURES
• You’ll study all aspects of video games – design, development and appreciation – while gaining broad programming and software engineering skills and knowledge.
• The teachings in software design and development are equivalent to those in the Software Technology major of the standard Bachelor of Information Technology.
• You’ll undertake a final year project to practice your knowledge, which forms part of a portfolio that you can show to potential employers.
• This is the only university degree available in video games in New South Wales that combines technical skills with a critical understanding of video games.
• Your learning is enhanced by our location in one of Australia’s leading high-tech precincts.

WHAT YOU CAN STUDY
Computer games technology; computer networks; critical games studies; digital media production; modelling and animation; screenwriting; software engineering; sound, image and interactive media.

CAREER OPTIONS
This course prepares you for a career in games design and development. You’ll also be equipped with the skills necessary for a career in the more general software industry.
Environment

Environmental resource management and climate change are two of the biggest issues of our time, and the demand for top-quality environmental scientists is high. Our commitment to first-class interdisciplinary research has placed us at the forefront of environmental science study, both in Australia and internationally. We’re home to world-renowned researchers and academics, so you’ll study with people who are using their knowledge to make an impact on today’s and tomorrow’s environmental issues. Our courses give you the skills you need to make practical, positive change in areas like biodiversity, climate science, marine science, resource management and sustainability.

Why choose environment at Macquarie?

- Our environmental sciences research received a rating of 5 out of 5 – well above world average – in the most recent Excellence in Research for Australia (ERA) evaluation, meaning our teachers and researchers are some of the best in the world.
- Our cutting-edge analytical equipment and facilities provide you with access to the latest technologies both in the lab and in the field.
- Our holistic approach means you’re able to combine science with an understanding of its social, political and human impacts.
Bachelor of Environment

Managing the environment and safeguarding it for generations to come has become a key concern of our time. Human intervention is largely behind issues such as deforestation, pollution, climate change and species extinction. But human intervention is also the key to preserving the environment.

While firmly based in the scientific aspects of the environment, this course also focuses on social science and socioeconomic issues relating to environmental matters. This way, you’ll become highly knowledgeable about how individuals, societies and governments can best navigate a path towards a healthy environment and, in turn, towards economic and social prosperity.

KEY FEATURES

• This course ensures that you’ll develop a solid grounding in the fields of biology, climate science, environmental earth science, environmental management and spatial information science.
• You’ll gain valuable skills relating to natural resource management and environmental management.
• You’ll have opportunities to acquire field skills in a range of natural environments, complemented by laboratory training and professional exposure.
• This course has a strong research focus, drawing on Macquarie’s exceptional research strengths in ecology and environmental sciences.

WHAT YOU CAN STUDY

This course requires you to choose a major from the following: Biology, Climate Science, Environmental Earth Science, Environmental Management, Spatial Information Science.

CAREER OPTIONS

Environmental and natural resource manager, environmental consultant, environmental educator, environmental policymaker, environmental scientist.

Bachelor of Marine Science

Ice-cream. Strawberry milk. Antibiotics. Toothpaste. Shampoo. Air. None of these would exist without reserves found in our oceans. Oceans support life at every level – covering 70 percent of earth’s surface, they’re vital for the supply of food, water and medicine, as well as for transportation and trade.

The skills and knowledge you’ll acquire in this course will help you play a key role in promoting the sustainable use of our marine resources, as well as safeguarding them for generations to come.

KEY FEATURES

• This multidisciplinary course allows you to enhance your breadth of knowledge across marine biology and geoscience, preparing you for a wide range of roles in the environmental and ecological marine science fields.
• Its flexible approach allows you to explore a wide range of interests while still focusing on aspects of marine science relating to biology, ecology, geology and physical geography.
• Aide from fundamental knowledge in biological and environmental sciences, you’ll gain relevant core skills in statistical analysis, report writing and project planning.
• Fieldwork is integral and includes an optional unit undertaken on the Great Barrier Reef.

WHAT YOU CAN STUDY

Animal behaviour, biodiversity and conservation, climate change, ecology, geographic information systems, geoscience, palaeontology.

CAREER OPTIONS

Aquaculture/mariculture specialist, coastal manager, computer-based ecological modeller, environmental consultant, exploration geologist, marine geologist or palaeontologist, palaeoceanographer, petroleum geologist or geophysicist.

“Macquarie is the only university in New South Wales to offer a Bachelor of Biodiversity and Conservation. This unique degree was the reason I chose Macquarie; it has really enhanced my passion for environmental conservation.”

Ben Kitchener
BACHELOR OF BIODIVERSITY AND CONSERVATION
Health and medical sciences

Macquarie is a world leader in health – we’re home to MQ Health, Australia’s first fully integrated university-led health sciences centre, combining excellence in clinical care with teaching and research. You can choose a career path in audiology, chiropractic, clinical science, cognitive and brain sciences, community services, counselling, human sciences, medical sciences, medicine, pathology, physiotherapy, psychology, public health or speech and language sciences. As a Macquarie graduate, you’ll possess skills that will allow you to help drive health innovation and improve the lives of others.

Why choose health and medical sciences at Macquarie?

- Our health and medical sciences research was rated above world average in the most recent Excellence in Research for Australia (ERA) evaluation.
- We’re home to Macquarie University Hospital, the world-renowned Australian Hearing Hub, clinics that serve real patients, and the latest simulation technology that enables high-quality interdisciplinary learning.
- This year, we’ve introduced the Macquarie MD, which prepares students to work as future leaders in healthcare – doctors who are patient-centred and safety focused, culturally responsive, globally aware and equipped to succeed in a rapidly changing and increasingly technology-based health industry.
Improving lives and contributing to healthier communities is one of the most rewarding things you can do. A career in medicine or health – as a doctor, physiotherapist, medical researcher or other health professional – is exciting and dynamic, and provides an opportunity to make a real difference.

This innovative and fast-tracked course focuses on human clinical sciences and builds the foundational professional skills you’ll need for a career in medicine, allied health or medical research professions.

**KEY FEATURES**

• This course is the ideal preparation for Macquarie’s Doctor of Medicine (Macquarie MD) – or other graduate-entry medicine courses – as well as for Macquarie’s Doctor of Physiotherapy, or for a career in a range of health and medical professions or research.

• You’ll get to your career goal sooner by fast-tracking your studies – complete your bachelor degree in two years instead of three by using additional sessions in the summer and winter breaks.

• You’ll have the option to receive targeted preparation for medical school admissions tests and interviews.

• You’ll build practical technical skills using the latest simulation technology and through working with human anatomical specimens.

• You’ll learn in an environment that is home to Macquarie University Hospital – Australia’s first and only not-for-profit hospital on a university campus.

• You’ll have the opportunity to undertake work experience in a healthcare setting or medical research facility.

**WHAT YOU CAN STUDY**

Anatomy, biochemistry, human biology, embryology, genetics and genomics, histology, immunology, medical microbiology, structural and functional neuroscience, pathology, physics, physiology, professional skills and knowledge for working in healthcare and medical research settings.

**CAREER OPTIONS**

After further study: medical doctor, physiotherapist, health and medical researcher, dentist, allied health professional. Professional roles in industry or government, clinical research associate, research assistant.

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**Bachelor of Clinical Science pathways**

**BACHELOR OF CLINICAL SCIENCE**

2 years (fast-tracked)

**DOCTOR OF MEDICINE**

**DOCTOR OF PHYSIOTHERAPY**

**DOCTOR OF DENTAL MEDICINE**

**DOCTOR OF VETERINARY MEDICINE**

**MASTER OF PUBLIC HEALTH**

**MASTER IN SPECIFIC ALLIED HEALTH FIELD**

**MASTER OF RESEARCH + PHD**

Career

Medical doctor

Physiotherapist

Dentist

Veterinary practitioner

Public health specialist, health data analyst, epidemiologist, health policy designer

Allied health professional

Health and medical researcher

Professional roles in industry or government, clinical research associate, research assistant and many more

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**Bachelor of Clinical Science**

2 years full-time/equivalent part-time

90.00 previous year’s selection rank

300670 UAC code
courses.mq.edu.au/BClinSc

NOTE: This course is equivalent to a three-year full-time course. The minimum time to complete this course is reduced by additional study periods. It offers distinct advantages if you wish to apply for the Macquarie MD:

- a three per cent bonus automatically applied to weighted GPA
- 20 interview places reserved for Bachelor of Clinical Science graduates
- eligibility to apply for a Macquarie University Bachelor of Clinical Science graduate scholarship – up to five scholarships worth AU$30,000 for each year of the medical course are available
- automatic completion of prerequisite study through core units.

**WHAT YOU CAN STUDY**

Anatomy, biochemistry, human biology, embryology, genetics and genomics, histology, immunology, medical microbiology, structural and functional neuroscience, pathology, physics, physiology, professional skills and knowledge for working in healthcare and medical research settings.

**CAREER OPTIONS**

After further study: medical doctor, physiotherapist, health and medical researcher, dentist, allied health professional. Professional roles in industry or government, clinical research associate, research assistant.

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**I want to be a medical doctor**

Once you’ve successfully completed this course, follow these steps to pursue a medical career:

1. Macquarie MD or other graduate-entry medical course
2. pre-vocational training
3. postgraduate vocational training
4. fellowship and continuing professional development.

**I want to be a physiotherapist**

The anatomy and physiology training you’ll receive in this course – alongside the skills you’ll develop in professional and evidence-based practice – will prepare you for Macquarie’s Doctor of Physiotherapy, which combines coursework with supervised clinical placements. As a Doctor of Physiotherapy graduate, you’ll be recognised by the Australian Health Practitioner Regulation Agency and will be able to open your own practice.

**I want to be a researcher**

If research is your passion, this course will help make it your career. Once you’ve completed the course, you can join our Master of Research, which leads into doctoral study (PhD). Once you’ve completed your PhD, you can look to join a postdoctoral research fellowship to further your training and contribute to innovations that enhance human health.
Chiropractors have the privilege of being able to positively impact people's lives through the provision of natural and non-invasive healthcare methods. They have a deep understanding of the body's structures and how each interacts to affect our health. Using spinal adjustments, manipulation and other physical means to improve neuromusculoskeletal function, chiropractors can help us live healthy and active lives.

This course – the longest-running in Australia – will prepare you for a rewarding career in one of the largest primary health professions. When you combine it with the Master of Chiropractic, you'll be equipped to work in private practice, chiropractic sports medicine, allied health areas, health insurance assessment, medico-legal advising, work health and safety, rehabilitation and research.

**KEY FEATURES**

- This course offers training in a wide range of diagnostic and chiropractic manipulative skills in the context of anatomical, physiological and biomedical sciences.
- It provides the prerequisite academic background to enable you to apply for entry into the Master of Chiropractic, which is required for professional registration within Australia.
- Our Bachelor of Chiropractic Science and Master of Chiropractic were the first professional chiropractic degrees to be offered by a public university in the world.
- You'll learn how to use a range of diagnostic tools, including patient interviews, physical examination and X-rays.
- Clinical placements form part of the degree, both in University teaching clinics and in structured visits to other facilities.
- You'll have access to our world-class anatomy labs.

**WHAT YOU CAN STUDY**

Anatomy and histology, biochemistry, biology, chemistry, chiropractic science, medical microbiology and pathology, physics, physiology, research methodology.

**CAREER OPTIONS**

Chiropractor, integrated care professional, rehabilitation service provider, researcher, sports injury specialist, university academic.

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Medical researchers are a lot like detectives. As they search for leads, uncover clues and ultimately solve mysteries, they also have the thrill of knowing that each scientific discovery they make in the lab may one day turn into a pioneering real-world medical treatment.

This interdisciplinary course will provide you with the broad background in the biological, chemical and biomolecular sciences you'll need for a rewarding career – whether that be unravelling the molecular building blocks that underpin disease, developing new drugs to treat or cure disease, or applying your scientific knowledge to help solve crimes.

**KEY FEATURES**

- Our wide range of units allows you to build on your skills in either the biomedical, biomolecular or medicinal chemistry fields.
- This course provides a solid pathway for postgraduate study and research in medical and allied health areas.
- Throughout this course, you'll be supported and advised by academic mentors with expertise in the medical sciences.

**WHAT YOU CAN STUDY**

Anatomy and physiology, biochemistry, bioethics, cell biology, epidemiology, human genetics, genomics, medical microbiology, medicinal chemistry, neuroscience, radiographic physics, psychology.

**CAREER OPTIONS**

Biotechnologist, drug discovery and development researcher, forensic scientist, genetic counsellor, histologist, medical researcher, pharmacologist.
Community and personal health services is the fastest growing job sector in Australia, enjoying a 19 per cent growth over the past five years. In fact, more people are employed in the healthcare and social assistance industry than in any other.

This course will equip you to work in this dynamic area and give you the skills to make a positive difference in the lives of others.

**KEY FEATURES**

- This course offers a large amount of flexibility – you’ll be given the time to explore a range of interests and career options before committing to a specific discipline.
- You’ll have the opportunity to major in one or even two areas that particularly interest you.
- You’ll connect knowledge about human services and wellbeing with biology, psychology, linguistics, sociology, education and health.
- You’ll learn to use scientific enquiry to critically assess situations and help to provide human health, community and wellbeing services.
- You’ll have the opportunity to participate in our PACE (Professional and Community Engagement) program – which takes you out of the lecture theatre and gives you the chance to gain relevant workplace experience in a professional or community setting.
- You can combine this course with one of our highly sought-after undergraduate psychology or speech, hearing and language sciences courses.
- Completion of certain majors provides the required academic background for postgraduate study in areas such as physiotherapy (Human Movement major) and audiology.

**WHAT YOU CAN STUDY**

This course requires you to choose a qualifying major from the following:

- **Cognitive and Brain Sciences**: Understand how the mind and brain work, and explore diverse pathways into our world-leading research environment in the cognitive and brain sciences.
- **Communication Disorders**: Study communication needs and implications on the quality of life, as well as social inclusion of people with disability.
- **Community Services**: Gain an understanding of the community services and healthcare sectors, as well as explore global and local perspectives on social inclusion and learn how these influence models of service delivery.
- **Counselling Theory and Principles**: Learn contemporary approaches to counselling and their applications in the workplace and community.
- **Human Movement**: Understand human health through anatomy, movement, neuroscience, physiology, psychology and research methods. Pathway into the Doctor of Physiotherapy (subject to competitive entry).
- **Language and Professional Communication**: Learn about professional communication within the health, community and social service sector.
- **Public Health: Policy and Promotion**: Understand population-level health and policy and promotion measures to improve the wellbeing of society as a whole.

**CAREER OPTIONS**

Community care manager, community development worker, community health and social advocate, health and community program manager, health and social researcher, health policy planner/administrator, health promoter and educator, international aid and development worker.
Psychologists seek to understand how the mind works and why people behave the way they do. They focus on the complexities of human behaviour – how development occurs, how personality forms, and how factors like society and culture affect behaviour – and seek to provide strategies that can help people lead happier, healthier and more productive lives.

This prestigious course prepares you for a career in specialist fields such as clinical psychology, clinical neuropsychology, organisational psychology or professional psychology. It involves three years of accredited undergraduate study followed by an honours year in which you complete a research thesis and advanced coursework units. This enables you to apply for entry to a professional masters course focused on your career of choice.

**KEY FEATURES**

- This highly respected course prepares you for entry into the psychology profession or higher degree research.
- You'll be taught by academics who are international experts in their field.
- In your third year, you'll have the opportunity to gain relevant workplace experience in a professional or community setting that's relevant to psychology.
- You're guaranteed a place in the honours program if you achieve the criteria for admission into the honours year.

**WHAT YOU CAN STUDY**

- Biopsychology and learning, cognition and perception, personality and psychological assessment, psychopathology, research methods in psychology, social and developmental psychology.

**CAREER OPTIONS**

- After further study: clinical neuropsychologist, clinical psychologist, organisational psychologist, professional psychologist. Researcher in criminology, education or health; market researcher; social program coordinator or policymaker; human resources consultant; training consultant.

- Transfer rules apply. Visit [mq.edu.au/internal-transfer](http://mq.edu.au/internal-transfer) for more information.

- Continuation to the honours year is subject to meeting honours requirements.
Bachelor of Arts – Psychology

3 years full-time/equivalent part-time
83.00 previous year’s selection rank
300127 UAC code
courses.mq.edu.au/BA-Psych

DOUBLE DEGREES
Undertake this course with:
• Bachelor of Business Administration
• Bachelor of Commerce
• Bachelor of Education (Primary)
• Bachelor of Human Sciences
• Bachelor of Laws
• Bachelor of Speech, Hearing and Language Sciences

ACCREDITATION
This course is accredited by the Australian Psychology Accreditation Council (APAC), which enables you to pursue further study in the profession of psychology or a research degree.

Everything we do in life is connected to psychology. Defined as the study of the human mind and behaviour, psychology plays a number of important roles in modern society. Having an understanding of human behaviour will give you an edge in a variety of careers, including human resources, law, education and social work.

Through this course, you’ll get exposure to a wide range of fundamental psychological concepts, as well as to more specialised areas such as child psychology, neuropsychology, social and personality psychology, cognition and perception, and psychopathology.

KEY FEATURES
• One of our largest undergraduate programs, this course provides an excellent foundation for those who wish to pursue a career in psychology-related areas.
• You’ll have the opportunity to partner psychology units with units focused on the social sciences.
• Skills gained in the collection, evaluation and critical analysis of data will enhance your employment opportunities in all fields and industries.
• In your third year, you’ll have the opportunity to gain relevant workplace experience in a professional or community setting that’s relevant to psychology.

WHAT YOU CAN STUDY
Biopsychology and learning, cognition and perception, personality and principles of psychological assessment, psychopathology, research design and statistics, social and developmental psychology.

CAREER OPTIONS
Health and community program manager, health department researcher, human resources consultant, market researcher, social program coordinator or policymaker, trainer and educator.

Bachelor of Science – Psychology

3 years full-time
83.00 previous year’s selection rank
300129 UAC code
courses.mq.edu.au/BSc-Psych

ACCREDITATION
This course is accredited by the Australian Psychology Accreditation Council (APAC), which enables you to pursue further study in the profession of psychology or a research degree.

An understanding of human behaviour – and the science that underpins it – is relevant to a huge variety of careers such as those in criminology, forensic science, market research and computer programming. Knowing why people behave the way they do will give you an edge in a variety of careers, including human resources, law, education and social work.

Through this course, you’ll get exposure to a wide range of fundamental psychological concepts, as well as to more specialised areas such as child psychology, neuropsychology, social and personality psychology, cognition and perception, and psychopathology.

KEY FEATURES
• This course provides an excellent foundation for those who wish to pursue a career in psychology-related areas.
• You’ll have the opportunity to partner psychology units with science units, allowing you to learn how psychological practice and theory are deeply rooted in scientific evidence and how that evidence is obtained through research.
• Skills gained in the collection, evaluation and critical analysis of data will enhance employment opportunities in all fields and industries.
• In your third year, you’ll have the opportunity to gain relevant workplace experience in a professional or community setting that’s relevant to psychology.

WHAT YOU CAN STUDY
Biopsychology and learning, cognition and perception, personality and principles of psychological assessment, psychopathology, social and developmental psychology.

CAREER OPTIONS
Health and community program manager, health department researcher, human resources consultant, market researcher, social program coordinator or policymaker, trainer and educator.
Being able to communicate with others is a fundamental human pursuit. Speech, hearing and language professionals have the privilege of bringing that gift to the community – whether that be through helping someone hear for the first time, assisting a stroke patient to speak again, or investigating how children acquire language.

This course will prepare you for further study towards a career in a number of professions, including clinical work or research in audiology and speech-language pathology, forensic speech science, the development of associated speech and hearing technologies, or teaching English to speakers of other languages (TESOL). It will also provide you with a strong background in linguistics (human language) that can take you into careers such as journalism, marketing, education or management.

**KEY FEATURES**

- This course focuses on the many aspects of the production and perception of spoken language, such as the way we produce speech sounds using the vocal apparatus; the way the brain (via the ear) responds or fails to respond to different aspects of speech and language; how languages differ in the way they use speech; how language develops in children; the relationship between language and culture; and how computers can be used in speech, hearing and language analysis.
- In preparation for a career as an audiologist or speech-language pathologist, you can undertake this course as a pathway (subject to competitive entry) into our clinical masters courses.
- You can choose from a wide range of electives either as companion units to speech, hearing and language sciences, or as units of individual interest. In this way, you build a course that’s custom made to meet your individual needs.

**WHAT YOU CAN STUDY**

All students complete the same core program, but individual options or electives are available that allow you to craft a program specifically geared towards your needs and interests.

**CAREER OPTIONS**

After further study: audiologist, speech pathologist, TESOL practitioner. Forensic speech scientist; speech, hearing or language researcher; professional roles in speech, hearing or health organisations (eg, marketing or health advocacy).

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* This course is professionally accredited by Audiology Australia
** This course is professionally accredited by Speech Pathology Australia
Law, security and intelligence

As a pioneer of interdisciplinary law study in Australia, Macquarie prepares you to look beyond law as a set of rules and procedures. You’ll be challenged to think around problems and provide more innovative solutions – skills highly valued by employers. With the option to combine your law degree with other areas of study, you can open the way to a variety of careers in legal practice, private industry, government, education and community services.

Our Bachelor of Security Studies and major in criminology are taught by senior academics and leading industry professionals, allowing you to build professional contacts with experts in Australia and internationally. Both options will give you the tools and knowledge you need for a career in the fast-growing security industry, including in government agencies and the private sector.

Why choose law, security and intelligence at Macquarie?

- Our law alumni not only include some of Australia’s leading judges and managing partners of national law firms, but also politicians and social commentators.
- There’s huge demand for graduates in security – Macquarie University and Optus have jointly established a $10 million Cyber Security Hub to help meet future workforce needs.
- Our strong interdisciplinary approach provides you with a critical understanding of law and security challenges, their development and their possible solutions.
**Law options**

**Entry**
- Direct entry into single or double degree based on selection rank or selected Macquarie entry programs. Selection rank can include up to six adjustments.
- Additional points that can be added to your ATAR or equivalent admissions rank.*

**Course transfer for current students**
- Completion of 24 credit points in a non-law course at Macquarie University.
- Minimum GPA 2.50.
- Completion of units LEK01 or LEK02.
- Maximum 48 credit points.

**BACHELOR OF LAWS (4 YEARS)**
- Seven Interdisciplinary majors:
  - Corporate and Commercial Law
  - Criminology
  - Environmental Law and Management
  - International Law and Global Governance

**BACHELOR OF LAWS DOUBLE DEGREES (5 YEARS)**
- Combines the above with Bachelor of:
  - Applied Finance
  - Arts
  - Arts - Psychology
  - Business Administration
  - Commerce
  - Commerce - Professional Accounting
  - Environment

**NON-BACHELOR OF LAWS SINGLE OR DOUBLE DEGREE**
- Media, Technology and the Law
- Public Policy, Law and Governance
- Social Justice

**MASTER OF RESEARCH**
+ PHD

**MASTER OF LAWS (1 YEAR)**
- Four specialisations:
  - Corporate and Commercial Law
  - Environmental Law
  - International Law
  - Social Justice

**JURIS DOCTOR (3 YEARS)**
- Four specialisations:
  - Corporate and Commercial Law
  - Environmental Law
  - International Law
  - Social Justice

**Postgraduate**
- Bachelor or solicitor**
- Academic
- Advocate for non-government organisations
- Diplomat
- In-house counsel for private organisations or trade unions
- Policy advisor

**Career**

* The selection rank may change for 2019 entry. Check our website around the end of June for the most up-to-date information. Academic Advantage adjustment points aren’t available in law courses.

**The Macquarie University Bachelor of Laws is accredited with professional bodies regulating admission of law graduates to legal practice and provides appropriate qualification for admission to practice as a lawyer throughout Australia.**

**In addition to completing a law program at an accredited institution, the profession requires all law graduates to complete a period of practical legal training, including further study, continuing professional development units and supervised experience in a legal practice, before being admitted to practice as a barrister or solicitor.**

**The Macquarie Bachelor of Laws is accredited by professional bodies regulating admission of law graduates to legal practice and provides appropriate qualification for admission to practice as a lawyer throughout Australia.**

**To be qualified as an Australian legal practitioner in New South Wales, a solicitor or barrister also requires a practising certificate issued by the Council of the Law Society of New South Wales or the New South Wales Bar Association. Similar bodies and systems accredited by professional bodies regulating the admission of law graduates to legal practice throughout other states and territories.**

**Bachelor of Laws**

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**WHAT YOU CAN STUDY**
This course requires you to choose a major from the following: Corporate and Commercial Law; Criminology; Environmental Law and Management; International Law and Global Governance; Media, Technology and the Law; Public Policy, Law and Governance; Social Justice.

**CAREER OPTIONS**
- Barrister or solicitor; in-house counsel; banking and finance adviser; international legal adviser; private legal practitioner; media, health or financial legal adviser; negotiator; politician; public policy adviser; diplomatic servant; journalist.

**OIL SPILLS. THE CONFLICT IN SYRIA. EUTHANASIA. OUR RIGHT TO PRIVACY. THE LAW PLAYS AN INTEGRAL ROLE IN MANAGING HOW EACH OF THESE ISSUES – AND COUNTLESS MORE ACROSS THE GLOBE – ARE ANALYSED, EVALUATED AND RESOLVED.**

**THE HALLMARK OF MACQUARIE’S LAW COURSE IS ITS RECOGNITION OF THE WAY LEGAL FRAMEWORKS UNDERPIN SUCH GLOBAL ISSUES. YOU’LL LEARN ABOUT THE LAW IN ITS WIDER CONTEXT, LOOKING BEYOND LAW AS A SET OF RULES AND PROCEDURES OR AS A TECHNICAL QUALIFICATION AND, INSTEAD, AS SOMETHING THAT HAS THE POWER TO SHAPE LIVES.**

**KEY FEATURES**
- The interdisciplinary approach of this course has earned our graduates a reputation for being well rounded and highly capable legal minds who also have a realistic understanding of the world, its people and the issues that bind them together.
- You’ll learn from academics with practical experience as legal practitioners who are actively engaged in research on contemporary legal issues.
- You’ll have the opportunity to undertake internships and work placements in a range of legal settings in Australia and overseas through our unique law PACE (Professional and Community Engagement) program.
- If you perform well in the Bachelor of Laws and complete more advanced law units with a focus on independent research, you can graduate with the Bachelor of Laws (Honours) at the completion of your final year.
- This course can be completed on its own or as part of a double degree. It can also be a pathway into our masters courses, which will give you the opportunity to complete bachelor and masters courses in five or six years.

**PREVIOUS YEAR’S SELECTION RANK**
97.00

**UAC CODE**
300302

**UAC CODE (DISTANCE)**
300306

courses.mq.edu.au/LLB
At no other point in history has our world experienced a set of security challenges to the extent to which it does today. Because of this, governments and businesses need security analysts with the knowledge, skills and creativity to respond to such dynamic and complex challenges. Our practice-oriented course will prepare you to meet the needs of this rapidly changing sector by teaching you about security from a range of perspectives, including risk management, emergency response, national resilience, business continuity planning, law enforcement and the use of military force.

**KEY FEATURES**
- This course combines academic study of security theories and issues with practical, analytical and technical skills.
- You'll develop the practical skills in critical thinking, structured intelligence analysis and policy evaluation needed for effective security analysis in government and business.
- You'll use real-world analytical techniques to examine contemporary security challenges.
- You'll gain experience in operational planning, innovation and policy evaluation by using scenario exercises and dynamic simulations.

**WHAT YOU CAN STUDY**
- Counter terrorism, cyber security, intelligence analysis, modern warfare, national security policy, risk assessment.

**CAREER OPTIONS**
- Business consultant, intelligence analyst, military officer, policy adviser, security consultant, risk analyst.

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**Bachelor of Security Studies**

At no other point in history has our world experienced a set of security challenges to the extent to which it does today. Because of this, governments and businesses need security analysts with the knowledge, skills and creativity to respond to such dynamic and complex challenges. Our practice-oriented course will prepare you to meet the needs of this rapidly changing sector by teaching you about security from a range of perspectives, including risk management, emergency response, national resilience, business continuity planning, law enforcement and the use of military force.

**KEY FEATURES**
- This course combines academic study of security theories and issues with practical, analytical and technical skills.
- You'll develop the practical skills in critical thinking, structured intelligence analysis and policy evaluation needed for effective security analysis in government and business.
- You'll use real-world analytical techniques to examine contemporary security challenges.
- You'll gain experience in operational planning, innovation and policy evaluation by using scenario exercises and dynamic simulations.

**WHAT YOU CAN STUDY**
- The following are available as double degrees with law:
  - Bachelor of Applied Finance
  - Bachelor of Arts
  - Bachelor of Arts – Psychology
  - Bachelor of Business Administration
  - Bachelor of Commerce
  - Bachelor of Commerce – Professional Accounting
  - Bachelor of Environment
  - Bachelor of Information Technology
  - Bachelor of International Studies
  - Bachelor of Media
  - Bachelor of Psychology (Honours)
  - Bachelor of Science
  - Bachelor of Security Studies
  - Bachelor of Social Science

**CAREER OPTIONS**
- Our law courses will prepare you for a career for which an understanding of law is relevant, including practicing as a solicitor or barrister, working in a community law centre or in corporate finance. They also provide a variety of paths in central or local government, education and community services, commerce and industry, law reform and law enforcement.
Media, creative arts and communication

Our courses teach you about emerging media and industry practices while ensuring you have a strong understanding of traditional mass communication. In the home of Australia’s first media department, you’ll learn from award-winning experts and have access to industry-standard facilities, including our multi-million-dollar media hub with professional screen, music, radio and dance studios, as well as extensive digital workstations for all production areas. We have one of the biggest and best-equipped screen studios in Australia and a large Futures Lab that mirrors the platforms and systems in use by major broadcasters and online media outlets locally and internationally. Immerse yourself in writing, dance, music, screen and sound production, management, digital design or communication and set yourself up for a career in the new media landscape.

Why choose media, creative arts and communication at Macquarie?

- Famous graduates include journalists Peter Overton and Hugh Riminton, comedian Adam Hills, critic Margaret Pomeranz, actor Chris Lilley and award-winning international film producer Rosemary Blight.
- Our industry-standard media facilities are among the best in Australia and include the Futures Lab, and outstanding screen and radio studios. Having access to these facilities means you’ll be future ready at graduation.
- We’re ranked in the top 100 globally for performing arts (QS World University Rankings by Subject, 2018).
In today's always-on environment where seemingly everyone wants news and entertainment at their fingertips, the heart of storytelling is an exciting and powerful place to be. Whether you're interested in making your own films or music videos, writing for print and online publications, designing interactive media environments, or managing public relations campaigns, this course will equip you with the skills you'll need to respond to today's – and tomorrow's – rapidly evolving media environment.

**KEY FEATURES**
- You'll have access to professional-quality studios for screen production, drama, dance, music recording and radio production; industry-standard digital workstations; a specially equipped theatre for screenings; and digital production tools.
- Teaching staff are widely published academics and award-winning media producers with industry experience in their area of expertise.
- Strong industry ties and a growing internship program enable you to spend a session in a relevant work placement.
- Our flexible course structure allows you to combine studies in media theory and practical production techniques with other areas that interest you.

**WHAT YOU CAN STUDY**
- Australian media, business and creative arts management, digital marketing, integrated marketing communications, media cultures, public relations.

**CAREER OPTIONS**
- Brand manager, broadcasting production manager, corporate communications producer, digital engagement manager, marketing communications specialist, media and public relations specialist.

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Digital media has had a profound influence on the marketing landscape. Google Adwords, email marketing, online PR, paid search, SEO and social media are all essential elements for marketing success, and for any business wishing to build mutually rewarding relationships with its customers.

This course offers a unique blend of marketing strategy, brand management and digital production, which will set you apart in the job market. As well as learning about the theories modern marketing is built on, you'll develop a thorough understanding of both traditional and emerging media, and have opportunities to hone your practical skills in media-related technologies that can be applied in a marketing context.

**KEY FEATURES**
- You'll be taught by widely published academics, professional marketers and award-winning media producers – all with industry experience.
- You'll use high-quality media facilities with professional studio spaces, industry-standard digital workstations for all production areas, a specially equipped theatre for screenings and digital production tools.
- This course emphasises a balance between theoretical understanding and practical application in both professional marketing and media.

**WHAT YOU CAN STUDY**
- Digital Design; Journalism and Non-Fiction Writing; Media Studies; Public Relations and Social Media; Radio, Digital Audio and Broadcast Production; Screen Practice and Production; Screen, Sound, Performance.

**CAREER OPTIONS**
- Advertising executive, corporate communications specialist, digital designer and developer, film or television producer and writer, radio broadcaster, social media journalist.
Science

We’re renowned for our expertise in science across astronomy, biology, chemistry, geology, mathematics, physics and statistics. In a world more dependent on science than ever before, our highly regarded science graduates stand at the forefront of change and innovation. Our science staff are internationally recognised for their excellence in teaching and research, which ensures you’re taught the most up-to-date scientific knowledge.

Why choose science at Macquarie?

- We’re ranked number one in Sydney for teaching quality in science (QILT, 2017, public universities).
- Our teachers and researchers use innovative techniques to tackle global challenges, which means you’ll develop skills and knowledge that will prepare you for the jobs of today and tomorrow.
- We offer a range of science scholarships including specific scholarships for women in STEM.
Bachelor of Science – Global Challenges

3 years full-time/equivalent part-time

Global society faces a range of challenges, from growing energy demands to new and emerging diseases, the provision of adequate food and water, transnational crime, data security, and environmental degradation. Meeting those challenges requires both a deep scientific understanding and the ability to take that knowledge and apply it to real-world settings.

This course combines a major area of scientific study with units that focus on the challenges and opportunities facing global society. Project-based units allow you to work in multidisciplinary teams to develop innovative, practical solutions to real problems.

KEY FEATURES
- You’ll discuss, analyse and describe the range of challenges facing global society in the 21st century, and learn how science can help meet these challenges.
- Working in multidisciplinary teams, you’ll apply the knowledge you gain through in-depth discipline study to identify and implement solutions to a range of real-world challenges.
- Our emphasis on practical, project-based work will equip you with the skills and knowledge you need for a wide range of roles across a range of fields.
- You’ll be taught by internationally respected researchers with up-to-date scientific knowledge.

WHAT YOU CAN STUDY

CAREER OPTIONS
Data analyst, environmental consultant, finance and business professional, food industry consultant, IT professional, researcher, scientific and climate policymaker, teacher (after further study).

Bachelor of Advanced Science

3 years full-time/equivalent part-time

Albert Einstein. Charles Darwin. Marie Curie. Stephen Hawking. Alan Turing. Pioneering scientific minds from the past and present, without whose genius we would not understand relativity, evolution, radioactivity, black holes and coding as we do today.

This course is your passport to a career in which you could be part of the next groundbreaking discovery – discoveries as important as mapping the human proteome, finding the new penicillin or unearthing habitable planets.

KEY FEATURES
- This is an elite course for very high-performing students.
- It combines the flexibility and cross-disciplinary nature of the Bachelor of Science with additional advanced, research-focused, small group units.
- Student numbers are restricted, so you’ll have the opportunity to study in small classes with other students of similar abilities and interests.
- You’ll receive personal attention from an academic and final-year advanced science student mentors to help build your networks.
- Contact with leading researchers will provide you with opportunities to participate in real research from your first year.

WHAT YOU CAN STUDY
This course requires you to choose a qualifying major from the following: Applied Mathematics, Astronomy and Astrophysics, Biology, Chemical and Biomolecular Sciences, Geology, Geophysics, Palaeobiology, Physics, Pure Mathematics, Software Technology, Statistics.

CAREER OPTIONS
Astronomical researcher, biotechnology researcher, drug discovery and development researcher, forensic scientist, mathematician, medical researcher, pharmaceutical researcher, statistical analyst.

Bachelor of Science

3 years full-time/equivalent part-time

Electricity. Antibiotics. Mobile phones. Clean water. Plastic. Cars. These are just a microcosm of things that have changed our lives for the better – things we wouldn’t have without science. The future is filled with innovations we can’t even begin to imagine – innovations that will be brought to life by curious and pioneering minds.

This course is for those excited by discovery. Those who question the norm. Those who not only ask why but also seek the answers. Because science is broad, you’ll have the opportunity to major in one or even two areas that particularly interest you. You’ll also be able to study non-science units that feed your curiosity.

KEY FEATURES
- This course has a strong focus on practical work in the field and in our labs to enhance your skills and problem-solving abilities.
- It allows you to combine the study of science with arts, commerce, education, law and many other disciplines.
- You’ll use modern labs that offer exposure to the latest instrumentation and tools.
- You’ll be taught by internationally recognised researchers with up-to-date scientific knowledge.

WHAT YOU CAN STUDY

CAREER OPTIONS
Data analyst, environmental consultant, finance and business professional, food industry consultant, IT professional, researcher, scientific and climate policymaker, teacher (after further study).

NOTE: Not all majors can be completed via distance study.
Society, history and languages

Let your studies take you into a world beyond academia. Our students are passionate about understanding and improving the lives of others, and our graduates are valued by employers for their transferable skills, including the ability to think critically. We’re the only university in Australia to offer a full study of Egyptology, and our professionally accredited Bachelor of Planning is the Sydney region’s first such degree with a strong social and environmental focus. Our Department of Linguistics is internationally renowned and our Department of International Studies offers the widest range of European languages in New South Wales, along with comprehensive Asian language options. You’ll see the bigger picture with our highly respected courses in politics, history, philosophy, society and culture, sociology, translating and interpreting, geography, planning, English, international studies, anthropology, Indigenous studies and languages.

Why choose society, history and languages at Macquarie?

- Graduates include leaders in business and government – Commonwealth Bank of Australia chair Catherine Livingstone, entrepreneur Napoleon Perdis and deputy leader of the Australian Labor Party Tanya Plibersek.
- We’re ranked in the top 100 globally for arts and humanities, English language and literature, geography, linguistics and philosophy (QS Rankings by Subject, 2018).
- Our supportive staff have contributed to our number one ranking in Sydney for overall quality of education experience and teaching quality in humanities, culture and social sciences (QILT, 2017, public universities).
### Bachelor of Ancient History

3 years full-time/equivalent part-time

92.00

previous year's selection rank

300116

UAC code

300118

UAC code (distance)

courses.mq.edu.au/BAncHist

**WHAT YOU CAN STUDY**

Ancient languages, ancient Near Eastern history, early Christian and Jewish history, Egyptian history, Greek and Roman history, late antique and Byzantine history.

**CAREER OPTIONS**

Ancient history academic, archivist, cultural heritage specialist, gallery or museum curator, government adviser, teacher (after further study).

### Bachelor of Archaeology

3 years full-time

88.00

previous year’s selection rank

300143

UAC code

courses.mq.edu.au/BArch

**WHAT YOU CAN STUDY**

Imagining unearthing a mummy, an ancient weapon used for hunting, or an invaluable stash of gold coins. What could be more thrilling? Well, imagine turning the pages of history upside down – because that’s the true pioneering potential of archaeologists.

This multidisciplinary course will prepare you for a career in this exciting field. With the knowledge you’ll gain, you won’t just break old ground, you’ll have the skills to present new insights about the past and the future.

**KEY FEATURES**

- The study of ancient artefacts – including papyri, inscriptions, ceramics and coins – is fully integrated into this course through the resources of our Museum of Ancient Cultures.
- You’ll have opportunities to undertake international fieldwork in Croatia, Greece, Israel and Italy.
- You can study ancient Egypt, classical Greece and Rome, Judaism and Early Christianity, late Roman and early Byzantine history across the Silk Road to ancient China.
- You’ll have opportunities to pursue your own research interests.
- This is the only course in Australia offering a full study of Egyptology from the Predynastic to Coptic periods.
- You’ll be required to take units in two ancient languages. Ancient Greek, Ancient Hebrew, Egyptian Hieroglyphs, Coptic and Latin are all offered from beginner levels.

### Bachelor of Ancient Studies

3 years full-time/equivalent part-time

75.00

previous year’s selection rank

300144

UAC code

courses.mq.edu.au/BAncStud

**WHAT YOU CAN STUDY**

Greece is widely regarded as the birthplace of Western civilization. The country’s rich artistic, scientific, philosophical and political legacy became the heritage of many nations. An understanding of Greek society will give you a deeper insight into European culture and the foundations of modern society.

This course will allow you to study a unique combination of modern and ancient languages alongside ancient history and contemporary Greek culture. Skills you gain in these areas will prepare you for a career in the broad disciplines of ancient and modern world studies.

**KEY FEATURES**

- Modern Greek studies, Byzantine studies, classical studies, ancient history and philosophy are brought together to give you a broad understanding of ancient and modern Greek cultures.
- Internship and in-country study opportunities exist through our exchange and PACE (Professional and Community Engagement) host organisations.
- You’ll explore the role of the Greek language in its cultural and sociopolitical setting, allowing you to develop proficiency in Modern Greek.
- You’ll examine the mythical Greek world, Byzantine history, Alexander the Great, Modern Greece and contemporary issues.

### Bachelor of International Studies

3 years full-time/equivalent part-time

80.00

previous year’s selection rank

300131

UAC code

courses.mq.edu.au/BIntStud

**WHAT YOU CAN STUDY**

Alexander the Great and the Hellenistic Age, Ancient Greece, Byzantine: East and West, Greek heroes and heroines, Modern Greek history and culture, Modern Greek language.

**CAREER OPTIONS**

Communications officer, media consultant, researcher, translator and interpreter (after further study), travel agent, vocational or secondary teacher (after further study).

### Bachelor of Hellenic Studies

3 years full-time/equivalent part-time

92.00

previous year’s selection rank

300141

UAC code

courses.mq.edu.au/BHelStud

**WHAT YOU CAN STUDY**

Ancient History – Egypt and Near East; Ancient History – Greece, Rome and Late Antiquity; Anthropology; Environmental Earth Science; Geology; Human Biology; Modern History; Palaeoanthropology; Spatial Information Science.

**CAREER OPTIONS**

Archaeological field director, archaeological field/lab technician, cultural heritage consultant, researcher, surveyor, various positions in scientific fields.
How do people respond to a serious disease outbreak such as SARS? What communication methods do protesters use to bypass government-controlled media? How can violent crime be reduced and our neighbourhoods made safer? What impact do social inequalities have on opportunities? Questions like these are at the heart of social science – the study of society and the relationships among individuals.

This course will help you gain insights into the science of people, places and social problems. With the skills you’ll develop in social research and applied social science, you’ll be prepared to make valuable contributions to some of the world’s biggest issues.

**KEY FEATURES**

- This course has a strong emphasis on social research design, methods, practice and application across a range of data analysis techniques and technologies.
- You’ll be taught by teachers with a strong research profile in the fields of urban studies, climate change, risk management and sustainability in urban settings.
- Cultural, economic, environmental and social dimensions of planning are integrated with urban management.
- A development studies option allows you to study rapid urban development in Asia-Pacific.
- You’ll undertake a compulsory work placement in fourth year.

**WHAT YOU CAN STUDY**

- Development assessment and land use; environmental planning and natural resources management; infrastructure and services planning; international development; social and community planning and place making; transport planning; urban, regional and rural development.

**CAREER OPTIONS**

- Environmental planner; international development planner; local, state, territory or federal government planner; planning consultant; private development planner; strategic planner.

**Bachelor of Planning**

Urban and regional planning is a profession shaping the places where people live, work and play. Planners aim to improve the quality of life in cities through the creation of vibrant, healthy and equitable communities, as well as through efficient and sustainable transport, infrastructure and growth. In 2050, more than two-thirds of the world’s population will live in cities and urban regions. Planners work today to guide global urban futures by balancing social and environmental needs, and by helping communities to look after the places that are important to them. Unique because of its focus on the social and environmental aspects of planning, this course won’t only prepare you for a career in which you have the power to shape more liveable and sustainable cities, but will also give you a distinctive edge among your peers.

**ACCREDITATION**

This course is accredited by the Planning Institute of Australia (PIA). PIA accreditation is an acknowledgement that the course content provides the adequate foundation of theory, skills and knowledge to allow graduates to work as planners. Students enrolled in courses recognised by PIA may join the institute as student members and receive the benefits associated with membership. PIA’s NSW Young Planners group offers professional development, representation, networking and mentoring opportunities.

**KEY FEATURES**

- This is the Sydney region’s first undergraduate planning course to offer an interdisciplinary social and environmental focus.
- You’ll be taught by teachers with a strong research profile in the fields of urban studies, climate change, risk management and sustainability in urban settings.
- Cultural, economic, environmental and social dimensions of planning are integrated with urban management.
- A development studies option allows you to study rapid urban development in Asia-Pacific.
- You’ll undertake a compulsory work placement in fourth year.

**WHAT YOU CAN STUDY**

- Development assessment and land use; environmental planning and natural resources management; infrastructure and services planning; international development; social and community planning and place making; transport planning; urban, regional and rural development.

**CAREER OPTIONS**

- Environmental planner; international development planner; local, state, territory or federal government planner; planning consultant; private development planner; strategic planner.

**Bachelor of Social Science**

How do people respond to a serious disease outbreak such as SARS? What communication methods do protesters use to bypass government-controlled media? How can violent crime be reduced and our neighbourhoods made safer? What impact do social inequalities have on opportunities? Questions like these are at the heart of social science – the study of society and the relationships among individuals.

This course will help you gain the insights into the science of people, places and social problems. With the skills you’ll develop in social research and applied social science, you’ll be prepared to make valuable contributions to some of the world’s biggest issues.

**KEY FEATURES**

- This course has a strong emphasis on social research design, methods, practice and application across a range of data analysis techniques and technologies.
- You’ll develop an understanding of issues in culturally diverse social environments.
- The focus is vocational, critical and scholarly. We consulted with employers, government departments, community groups, activist organisations and trade unions to build key skills into this course.
- You’ll undertake an internship with one of our research partners, which will provide on-the-job training and the opportunity to work on a research project before you graduate.

**WHAT YOU CAN STUDY**

- Anthropology; Criminology; Development Studies and Culture Change; Environmental Humanities; Gender Studies; Human Geography; Indigenous Studies; International Relations; Philosophy; Political Economy and Social Policy; Politics; Psychological Science; Public Policy, Law and Governance; Social Justice; Sociolinguistics; Sociology; Statistics.

**CAREER OPTIONS**

- Development officer, evaluator or consultant, market or social researcher, policy analyst, public sector officer, welfare officer.
At the core of our curriculum is flexibility. Flexibility allows you to follow your passions, to think outside the box, and to learn the skills and knowledge that will help you carve out an exciting career.

A key way we deliver this flexibility is through majors. Many of our courses – such as the Bachelor of Arts, Bachelor of Commerce, Bachelor of Human Sciences and Bachelor of Science – contain majors, which represent a particular focus for your study. These majors are known as qualifying majors, as they meet all of the course’s requirements.

While not all majors are available in all courses that have qualifying majors – for example, in certain education courses your major must be in the discipline of your first teaching subject – our extensive range of majors offers you an unprecedented level of choice. Between anthropology, biology, climate science, criminology, cyber security, economics, human movement, international communication, marketing and politics, you’re spoiled for choice at Macquarie. These are just a taste – we offer 95 majors that will broaden your studies and help you get industry-specific skills.

The flexibility doesn't end there. In addition to completing the required qualifying major for a course, you may also be able to undertake a second, or double, major from an approved set of majors offered across the University.

When choosing your major, second major, or major and minor, it's best that you speak with an academic adviser to make sure the study program you choose meets all of the requirements for graduation.
### Law, security and intelligence

<table>
<thead>
<tr>
<th>Major</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corporate and Commercial Law</td>
<td>B Laws, B Laws, B Social Science</td>
</tr>
<tr>
<td>Criminology</td>
<td>B Arts, B Arts, B Social Science</td>
</tr>
<tr>
<td>Environmental Law and Management</td>
<td>B Arts, B Laws</td>
</tr>
<tr>
<td>International Law and Global Governance</td>
<td>B Arts, B Laws</td>
</tr>
<tr>
<td>Media, Technology and the Law</td>
<td>B Arts, B Laws</td>
</tr>
<tr>
<td>Public Policy, Law and Governance</td>
<td>B Arts, B Laws, B Social Science</td>
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<tr>
<td>Social Justice</td>
<td>B Arts, B Laws, B Social Science</td>
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### Health and medical sciences

<table>
<thead>
<tr>
<th>Major</th>
<th>Course</th>
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<tbody>
<tr>
<td>Cognitive and Brain Sciences</td>
<td>B Arts, B Human Sciences, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Communication Disorders</td>
<td>B Human Sciences</td>
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<tr>
<td>Community Services</td>
<td>B Human Sciences</td>
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<tr>
<td>Counselling Theory and Principles</td>
<td>B Human Sciences</td>
</tr>
<tr>
<td>Human Biology</td>
<td>B Archaeology, B Arts, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Human Movement</td>
<td>B Human Sciences</td>
</tr>
<tr>
<td>Language and Professional Communication</td>
<td>B Arts, B Human Sciences</td>
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<tr>
<td>Psychological Science</td>
<td>B Arts, B Science, B Science – Global Challenges, B Social Science</td>
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<tr>
<td>Public Health: Policy and Promotion</td>
<td>B Human Sciences</td>
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### Media, creative arts and communication

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<tr>
<th>Major</th>
<th>Course</th>
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<tbody>
<tr>
<td>Arts Industries and Management</td>
<td>B Arts</td>
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<tr>
<td>Creative Writing</td>
<td>B Arts</td>
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<tr>
<td>Dance and Performance</td>
<td>B Arts</td>
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<tr>
<td>Digital Design</td>
<td>B Arts, B Media</td>
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<tr>
<td>Interactivity and Games</td>
<td>B Arts</td>
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<tr>
<td>International Communication</td>
<td>B Arts</td>
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<tr>
<td>Journalism and Non-Fiction Writing</td>
<td>B Arts, B Media</td>
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<tr>
<td>Media, Culture and Communication</td>
<td>B Arts</td>
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<tr>
<td>Media Studies</td>
<td>B Arts, B Media</td>
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<tr>
<td>Music</td>
<td>B Arts</td>
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<tr>
<td>Public Relations and Social Media</td>
<td>B Arts, B Media</td>
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<tr>
<td>Radio, Digital Audio and Broadcast Production</td>
<td>B Arts, B Media</td>
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<tr>
<td>Screen Practice and Production</td>
<td>B Arts, B Media</td>
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<tr>
<td>Screen, Sound, Performance</td>
<td>B Arts, B Media</td>
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### Science

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<tr>
<th>Major</th>
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<tbody>
<tr>
<td>Applied Mathematics</td>
<td>B Advanced Science, B Arts, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Astronomy and Astrophysics</td>
<td>B Advanced Science, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Biology</td>
<td>B Advanced Science, B Environment, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Chemical and Biomolecular Sciences</td>
<td>B Advanced Science, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Computing</td>
<td>B Arts, B Science, B Science – Global Challenges</td>
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<tr>
<td>Palaeoecology</td>
<td>B Advanced Science, B Archaeology, B Science, B Science – Global Challenges</td>
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<tr>
<td>Physics</td>
<td>B Advanced Science, B Science, B Science – Global Challenges</td>
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<td>Pure Mathematics</td>
<td>B Advanced Science, B Arts, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Statistics</td>
<td>B Advanced Science, B Arts, B Science, B Science – Global Challenges, B Social Science</td>
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### Society, history and languages

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<thead>
<tr>
<th>Major</th>
<th>Course</th>
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<tbody>
<tr>
<td>Ancient History - Ancient Languages</td>
<td>B Archaeology, B Arts</td>
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<tr>
<td>Ancient History - Egypt and Near East</td>
<td>B Archaeology, B Arts</td>
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<tr>
<td>Ancient History - Greece, Rome and Late Antiquity</td>
<td>B Archaeology, B Arts</td>
</tr>
<tr>
<td>Anthropology</td>
<td>B Archaeology, B Arts, B Social Science</td>
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<tr>
<td>Chinese Studies</td>
<td>B Arts, B Global Business</td>
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<tr>
<td>Chinese-English Translation and Interpreting</td>
<td>B Arts, B Global Business</td>
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<tr>
<td>Christian Studies</td>
<td>B Arts, B Global Business</td>
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<tr>
<td>Development Studies and Culture Change</td>
<td>B Arts, B Science, B Science – Global Challenges, B Social Science</td>
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<tr>
<td>English</td>
<td>B Arts</td>
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<tr>
<td>English as a Foreign Language</td>
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<td>Environmental Humanities</td>
<td>B Arts, B Social Science</td>
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<td>French and Francophone Studies</td>
<td>B Arts, B Global Business</td>
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<td>Gender Studies</td>
<td>B Arts, B Social Science</td>
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<tr>
<td>Geography</td>
<td>B Arts, B Science, B Science – Global Challenges</td>
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<td>German Studies</td>
<td>B Arts, B Global Business</td>
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<td>Human Geography</td>
<td>B Arts, B Science, B Science – Global Challenges, B Social Science</td>
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<td>Indigenous Studies</td>
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<td>International Relations</td>
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<td>Italian Studies</td>
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<td>Japanese Studies</td>
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<td>Linguistics</td>
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<td>Modern Greek Studies</td>
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<td>Modern History</td>
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<td>Polish Studies</td>
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<td>Political Economy and Social Policy</td>
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<td>Russian Studies</td>
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<td>Society and Culture</td>
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<td>Sociolinguistics</td>
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<td>Sociology</td>
<td>B Arts, B Social Science</td>
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<tr>
<td>Spanish and Latin American Studies</td>
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</tbody>
</table>

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Find out if our future-focused approach to study is something you’d like to be part of. Come and meet us at one of our information sessions, at a careers market or on Open Day. You can also speak to us about organising a campus tour or chat to us live by clicking on the chat icon on any course page.

For more information visit [mq.edu.au/study/events](http://mq.edu.au/study/events)

## What’s on

### 2018 CALENDAR OF EVENTS

<table>
<thead>
<tr>
<th>MAR</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>JUL</th>
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<tbody>
<tr>
<td>10–11</td>
<td>3</td>
<td>11 and 29</td>
<td>20</td>
<td>11–20</td>
</tr>
<tr>
<td>HSC in the Holidays</td>
<td>Campus tour</td>
<td>Campus tour</td>
<td>Campus tour</td>
<td>HSC in the Holidays</td>
</tr>
<tr>
<td>12</td>
<td>17 or 18</td>
<td>23</td>
<td>28</td>
<td>9</td>
</tr>
<tr>
<td>Campus tour</td>
<td>Macquarie in a Day</td>
<td>Student and Parent Info Evening</td>
<td>Non School Applicant Info Week</td>
<td>Campus tour</td>
</tr>
<tr>
<td>19</td>
<td>Camp tour</td>
<td>Info Evening</td>
<td>28–31</td>
<td>20</td>
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<tr>
<td>Camp tour</td>
<td></td>
<td>31 May – 3 Jun</td>
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<td></td>
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<td>HSC and Careers Expo</td>
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<table>
<thead>
<tr>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
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<tbody>
<tr>
<td>18</td>
<td>13</td>
<td>1, 5, 6, 7, 13 and 14</td>
<td>2</td>
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</tr>
<tr>
<td>Open Day</td>
<td>Campus tour</td>
<td>HSC in the Holidays</td>
<td>Campus tour</td>
<td>Campus tour</td>
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<td>21</td>
<td></td>
<td>8</td>
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<td>15</td>
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<tr>
<td>Campus tour</td>
<td></td>
<td>New South Wales HSC written exams conclude</td>
<td>18</td>
<td>18</td>
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<tr>
<td></td>
<td></td>
<td>18 New South Wales HSC written exams begin</td>
<td>20</td>
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<td></td>
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<td>29 Oct – 1 Nov</td>
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<tr>
<td></td>
<td></td>
<td>Non School Applicant Info Week</td>
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**Photos:** Chris Stacey, Joanne Stephen, Noel Cheung, Alex Craig, Robert Stanwood, T Rowles, Carlos Walters, Paul Wright and supplied by subject.

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