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

That’s YOU to the power of US
(YOU)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

MORE THAN 150 PARTNER UNIVERSITIES for student exchange in more than 40 countries

MORE THAN 30,000 WORK PLACEMENTS or community experiences through our PACE (Professional and Community Engagement) partnerships

MORE THAN 300 INDUSTRY PARTNERS on campus or in the adjacent high-tech precinct, providing access to internship and job opportunities

$1 BILLION INVESTED TO CREATE A COLLABORATIVE CAMPUS with world-class facilities and infrastructure

MORE THAN 45,000 CONNECTED STUDENTS from more than 120 countries

HEART OF SYDNEY’S FASTEST-GROWING REGION only 15 kilometres from the Sydney CBD

184,000 ALUMNI IN OUR INTERNATIONAL COMMUNITY from more than 140 countries

AUSTRALIA’S FIRST FULLY INTEGRATED HEALTH PRECINCT centred around our on-campus hospital

100 PER CENT OF RESEARCH ACTIVITY rated at world standard or above
10 SUBJECTS THAT FOSTER COLLABORATION
ranked in top 100 globally
(QS World University Rankings by Subject, 2017)

TOP 50 MOST INTERNATIONAL UNIVERSITY
connecting global communities
(Times Higher Education World University Rankings, 2016)

5 QS STARS
in teaching, employability, research, facilities, internationalisation, innovation, inclusiveness and specialist criteria

FIRST GLOBAL RESEARCH COLLABORATION PATHWAY
via the Master of Research

RANKED AMONG THE TOP 130 UNIVERSITIES IN THE WORLD
for employability
(QS Graduate Employability Rankings, 2018)

104 UNDERGRADUATE DEGREES
many of which are designed in collaboration with industry

RANKED IN THE TOP 2 PER CENT
of universities in the world

10,000 GRADUATES REALISE THEIR POTENTIAL EACH YEAR
with sought-after degrees

30 RESEARCHERS IN THE TOP 1%
of scientific authors in the world
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
“My placement with Johnson & Johnson gave me 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
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 10 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.
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

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
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.

Find out more at mq.edu.au/pace
“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)
You’re socially aware and ready to take on the world. But how do you make an impact? With a focus on developing cross-cultural and leadership skills, exploring global issues and driving innovation, the Global Leadership Program (GLP) will give you the tools you need to effect real change.

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
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.

Find out more at students.mq.edu.au/exchange
“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
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

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.

“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.
“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)
No lock-in contracts
WE’RE ALL ABOUT FLEXIBILITY

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.
Uni is really different from high school. It’s hugely exciting, but it can also be challenging, especially when you’re a new student. We understand these challenges, so we provide a comprehensive support system that you can access throughout your time on campus.

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
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

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

SELECTION RANK

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

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

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
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
The 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
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

“...and focused term structure really helped me engage with the teachers and content, and bridge the gap between high school and uni. I was able to study multiple areas within the business diploma before going straight into the second year of a double degree.”

Connor Rutty
DIPLOMA OF ACCOUNTING, COMMERCE AND BUSINESS ADMINISTRATION GRADUATE
BACHELOR OF APPLIED FINANCE WITH BACHELOR OF COMMERCE – PROFESSIONAL ACCOUNTING
### Arts
**Bachelor course (Year 1)**
- Bachelor of Ancient History
- Bachelor of Archaeology
- Bachelor of Arts
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Commerce – Professional Accounting
- Bachelor of Economics
- Bachelor of Social Science

### Business and Commerce
**Bachelor course (Year 1)**
- Bachelor of Actuarial Studies
- Bachelor of Applied Finance
- Bachelor of Arts
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Commerce – Professional Accounting
- Bachelor of Economics
- Bachelor of Science

### Science and Engineering
**Bachelor course (Year 1)**
- Bachelor of Arts
- Bachelor of Biodiversity and Conservation
- Bachelor of Chiropractic Science
- Bachelor of Digital Business
- 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 Mechatronic Engineering
- Bachelor of Engineering (Honours) in Telecommunications Engineering
- Bachelor of Science

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### Choose Your Foundation-Studies Stream

#### Standard Foundation Program™
**Bachelor course (Year 1)**
- Bachelor of Ancient History
- Bachelor of Archaeology
- Bachelor of Arts
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Commerce – Professional Accounting
- Bachelor of Economics
- Bachelor of Social Science

#### Intensive Program™
**Bachelor course (Year 1)**
- Bachelor of Actuarial Studies
- Bachelor of Applied Finance
- Bachelor of Arts
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Commerce – Professional Accounting
- Bachelor of Economics
- Bachelor of Science

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**Diploma**

**Diploma of Accounting, Commerce and Business Administration**

**Bachelor course (Year 2)**
- Bachelor of Arts
- Bachelor of Economics
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Commerce – Professional Accounting
- Bachelor of Economics
- Bachelor of Global Business
- Bachelor of Marketing and Media

**Diploma of Engineering**

**Bachelor course (Year 2)**
- Bachelor of Arts
- 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 Mechatronic Engineering
- Bachelor of Engineering (Honours) in Telecommunications Engineering
- Bachelor of Science

**Diploma of Information Technology**

**Bachelor course (Year 2)**
- Bachelor of Arts
- Bachelor of Digital Business
- Bachelor of Economics
- Bachelor of Engineering (Honours) in Software Engineering
- Bachelor of Information Technology
- Bachelor of Information Technology – Games Design and Development
- Bachelor of Science

**Diploma of Media and Communication**

**Bachelor course (Year 2)**
- Bachelor of Arts
- Bachelor of Digital Business
- Bachelor of Economics
- Bachelor of Engineering (Honours) in Software Engineering
- Bachelor of Information Technology
- Bachelor of Information Technology – Games Design and Development
- Bachelor of Science

---

**Diploma of Accounting, Commerce and Business Administration**

**Bachelor course (Year 2)**
- Bachelor of Actuarial Studies
- Bachelor of Applied Finance
- Bachelor of Arts
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Commerce – Professional Accounting
- Bachelor of Economics
- Bachelor of Science

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**Other factors are taken into consideration when reviewing your average mark; therefore, achieving the average mark does not guarantee you an offer. Only relevant state board approved academic subjects are included when calculating your average.

**Visit mq.edu.au/college for more information.**

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**All programs also articulate into several double degrees.**
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.”

Medhbh 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

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

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

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

Find out more at mq.edu.au/scholarships
“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
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).

<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>$10,754</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.

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.

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

No matter the path you’ve taken to get to this point, applying to Macquarie is simple.

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>
</tr>
<tr>
<td>43</td>
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<td>42</td>
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<tr>
<td>41</td>
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<td>39</td>
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<td>25</td>
<td>72.45</td>
</tr>
<tr>
<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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**Tutorial**
Tutorials, or ‘tutes’, generally include 20 or 30 students and are an opportunity to ask your tutor questions and talk about the course material with fellow students.

**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.
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

You could study

**Business**

Page 62

**Education**

Page 72

**Engineering and IT**

Page 80

**Environment**

Page 88

You could be

- Accountant
- Actuarial analyst
- Data analyst
- Entrepreneur
- Human resources rep or recruiter
- Marketing specialist
- Early childhood teacher
- Educational researcher
- Primary or secondary teacher
- Special education teacher
- Teacher of English as a second language

- Engineer
- Entrepreneur
- Games designer
- Software designer
- Web developer
- Ecologist or earth scientist
- Marine scientist
- Mining industry consultant
- Sustainability specialist
- Zoologist
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

**BUSINESS**
- Bachelor of Arts
- Bachelor of Actuarial Studies
- Bachelor of Actuarial Studies with Bachelor of Professional Practice
- Bachelor of Applied Finance
- Bachelor of Business Administration
- Bachelor of Business Analytics
- Bachelor of Business Leadership and Commerce
- Bachelor of Commerce
- Bachelor of Commerce – Professional Accounting
- Bachelor of Commerce – Professional Accounting with Bachelor of Professional Practice
- Bachelor of Economics
- Bachelor of Global Business
- Bachelor of Marketing and Media

**EDUCATION**
- Bachelor of Teaching (Early Childhood Education)
- Bachelor of Arts with Bachelor of Education (Primary)
- Bachelor of Arts – Psychology with Bachelor of Education (Primary)
- Bachelor of Arts with Bachelor of Education (Secondary)
- Bachelor of Science with Bachelor of Education (Secondary)

**ENGINEERING AND IT**
- 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 Mechatronic Engineering
- Bachelor of Engineering (Honours) in Software Engineering
- Bachelor of Engineering (Honours) in Telecommunications Engineering
- Bachelor of Digital Business
- Bachelor of Information Technology
- Bachelor of Information Technology – Games Design and Development

**ENVIRONMENT**
- Bachelor of Biodiversity and Conservation
- Bachelor of Environment
- Bachelor of Marine Science

**HEALTH AND MEDICAL SCIENCES**
- Bachelor of Clinical Science
- Bachelor of Chiropractic Science
- Bachelor of Medical Sciences
- Bachelor of Human Sciences
- Bachelor of Psychology (Honours)
- Bachelor of Arts – Psychology
- Bachelor of Science – Psychology
- Bachelor of Speech, Hearing and Language Sciences

**LAW, SECURITY AND INTELLIGENCE**
- Bachelor of Laws
- Bachelor of Laws double degrees
- Bachelor of Security Studies

**MEDIA, CREATIVE ARTS AND COMMUNICATION**
- Bachelor of Marketing and Media
- Bachelor of Media

**SCIENCES**
- Bachelor of Advanced Science
- Bachelor of Science
- Bachelor of Science – Global Challenges

**SOCIETY, HISTORY AND LANGUAGES**
- Bachelor of Ancient History
- Bachelor of Archaeology
- Bachelor of Hellenic Studies
- Bachelor of International Studies
- Bachelor of Planning
- Bachelor of Social Science
### 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 Arts</td>
<td>75.00</td>
<td>* # + 0 Δ</td>
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<td>✓</td>
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<tr>
<td>B Arts (Distance)</td>
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<tr>
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<tr>
<td>B Arts with B Laws</td>
<td>96.00</td>
<td># + 0 Δ</td>
<td>✓</td>
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</tr>
<tr>
<td>B Arts with B Science</td>
<td>75.00</td>
<td>* # + Δ</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>B Business Administration with B Arts</td>
<td>81.00</td>
<td>* # + Δ</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
- `+` Elite Athletes and Artistic 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
### Business

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## Education

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## Engineering and IT

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<td>*</td>
<td>✓</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>B Speech, Hearing and Language Sciences</td>
<td>83.00</td>
<td>*</td>
<td>✓</td>
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</tr>
<tr>
<td>B Speech, Hearing and Language Sciences with B Human Sciences</td>
<td>83.00</td>
<td>*</td>
<td>✓</td>
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</tr>
</tbody>
</table>

### Environment

<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</th>
<th>Early Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Biodiversity and Conservation</td>
<td>80.00</td>
<td>*</td>
<td>✓</td>
<td></td>
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</tr>
<tr>
<td>B Environment</td>
<td>84.00</td>
<td>*</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Environment with B Laws</td>
<td>96.00</td>
<td>#</td>
<td>✓</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>B Marine Science</td>
<td>78.00</td>
<td>*</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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
+ Elite Athletes and Artistic Performers Scheme
* Educational Access Scheme
^ Regional Entry Scheme

SRS = Schools Recommendation Scheme
IB = International Baccalaureate
N/A = course selection rank not applicable
NC = new course, selection rank not yet determined
## Law, security and intelligence

### Undergraduate courses 2018

<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 Laws</td>
<td>97.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Laws (Distance)</td>
<td>97.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Applied Finance with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Arts with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Arts – Psychology with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Business Administration with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Commerce with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Commerce – Professional Accounting with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Environment with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Information Technology with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B International Studies with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Media with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Psychology (Honours) with B Laws</td>
<td>96.70</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
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</tr>
<tr>
<td>B Science with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Social Science with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Security Studies</td>
<td>75.00</td>
<td>* # + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Security Studies (Distance)</td>
<td>75.00</td>
<td>* # + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Security Studies with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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</tr>
<tr>
<td>B Business Analytics with B Security Studies</td>
<td>85.00</td>
<td>* # + o ∆</td>
<td>✓</td>
<td>✓</td>
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</tbody>
</table>

## Media, creative arts and communication

### Undergraduate courses 2018

<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 Marketing and Media</td>
<td>95.30</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>B Media</td>
<td>85.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>B Media with B Laws</td>
<td>96.00</td>
<td># + o ∆</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

### 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.
## Science

<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 Advanced Science</td>
<td>96.00</td>
<td>+</td>
<td></td>
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</tr>
<tr>
<td>B Science</td>
<td>75.00</td>
<td>+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Science (Distance)</td>
<td>75.00</td>
<td>+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Science with B Laws</td>
<td>96.00</td>
<td>+</td>
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</tr>
<tr>
<td>B Actuarial Studies with B Science</td>
<td>97.00</td>
<td>+</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>B Arts with B Science</td>
<td>75.00</td>
<td>+</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>B Commerce with B Science</td>
<td>80.00</td>
<td>+</td>
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</tr>
<tr>
<td>B Engineering (Honours) in Electrical Engineering with B Science</td>
<td>80.00</td>
<td>+</td>
<td></td>
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<tr>
<td>B Engineering (Honours) in Electronics Engineering with B Science</td>
<td>80.00</td>
<td>+</td>
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<tr>
<td>B Engineering (Honours) in Mechanical Engineering with B Science</td>
<td>80.00</td>
<td>+</td>
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<tr>
<td>B Engineering (Honours) in Mechatronic Engineering with B Science</td>
<td>80.00</td>
<td>+</td>
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<tr>
<td>B Engineering (Honours) in Software Engineering with B Science</td>
<td>80.00</td>
<td>+</td>
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<tr>
<td>B Engineering (Honours) in Telecommunications Engineering with B Science</td>
<td>80.00</td>
<td>+</td>
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<tr>
<td>B Science – Global Challenges</td>
<td>85.00</td>
<td>+</td>
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<tr>
<td>B Science – Psychology</td>
<td>83.00</td>
<td>+</td>
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</table>

## Society, history and languages

<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>
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<tbody>
<tr>
<td>B Ancient History</td>
<td>92.00</td>
<td>+</td>
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<tr>
<td>B Ancient History (Distance)</td>
<td>92.00</td>
<td>+</td>
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<tr>
<td>B Archaeology</td>
<td>88.00</td>
<td>+</td>
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<tr>
<td>B Hellenic Studies</td>
<td>75.00</td>
<td>+</td>
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<tr>
<td>B International Studies</td>
<td>80.00</td>
<td>+</td>
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</tr>
<tr>
<td>B International Studies with B Laws</td>
<td>96.00</td>
<td>+</td>
<td></td>
<td></td>
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<tr>
<td>B Planning</td>
<td>78.00</td>
<td>+</td>
<td></td>
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</tr>
<tr>
<td>B Social Science</td>
<td>77.00</td>
<td>+</td>
<td></td>
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</tr>
<tr>
<td>B Social Science with B Laws</td>
<td>96.00</td>
<td>+</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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:

- Ancient History – Ancient Languages
- Ancient History – Egypt and Near East
- Ancient History – Greece, Rome and Late Antiquity
- Anthropology
- Applied Mathematics
- Arts Industries and Management
- Business Information Systems
- Chinese Studies
- Chinese-English Translation and Interpreting
- Cognitive and Brain Sciences
- Computing
- Creative Writing
- Criminology
- Croatian Studies
- Cyber Security
- Dance and Performance
- Data Science
- Decision Science
- Development Studies and Culture Change
- Digital Design
- Early Childhood
- Economics
- Education
- English
- English as a Foreign Language
- Entrepreneurship
- Environmental Humanities
- Environmental Law and Management
- Environmental Management
- French and Francophone Studies
- Gender Studies
- Geography
- German Studies
- Human Biology
- Human Geography
- Human Resources
- Indigenous Studies
- Information Systems and Business Analysis
- Interactivity and Games
- International Business
- International Communication
- International Law and Global Governance
- International Relations
- Italian Studies
- Japanese Studies
- Journalism and Non-Fiction Writing
- Language and Professional Communication
- Linguistics
- Marketing
- Media, Culture and Communication
- Media Studies
- Media, Technology and the Law
- Modern Greek Studies
- Modern History
- Music
- Philosophy
- Polish Studies
- Political Economy and Social Policy
- Politics
- Psychological Science
- Public Policy, Law and Governance
- Public Relations and Social Media
- Pure Mathematics
- Radio, Digital Audio and Broadcast Production
- Russian Studies
- Screen Practice and Production
- Screen, Sound, Performance
- Social Justice
- Society and Culture
- Sociology
- Software Technology
- Spanish and Latin American Studies
- Statistics
- Web Design and Development

**DOUBLE DEGREES**

Undertake this course with:

- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Education (Primary)
- Bachelor of Education (Secondary)
- Bachelor of Engineering (Honours) in Electrical 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 Science
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Education (Primary)
- Bachelor of Education (Secondary)
- Bachelor of Engineering (Honours) in Electrical 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 Science
- Bachelor of Business Administration
- Bachelor of Commerce
- Bachelor of Education (Primary)
- Bachelor of Education (Secondary)
- Bachelor of Engineering (Honours) in Electrical 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 Science

**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), web/game developer, writer.
Business

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.

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.
- 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.
Actuaries specialise in applying mathematical, statistical and financial analysis to business, finance and insurance. Actuaries advise government, financial institutions and other organisations on financial management, risk management, product design and complex transactions. They are key to helping financial institutions and other businesses all over the world to prosper.

In this professionally accredited course, you’ll learn how to apply mathematical, statistical, economic and financial analysis to a range of practical problems in long-term risk management, finance and insurance.

**KEY FEATURES**

- You’ll complete part, or all, of the Part I professional qualifications of the Actuaries Institute, subject to your academic performance in the relevant units.
- You’ll undertake a range of units in actuarial science, statistics, finance and economics.
- Macquarie is recognised as a Center of Actuarial Excellence by the Society of Actuaries.

**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.

Diverse opportunities are available for actuaries. With high-level analytical and problem-solving skills, actuaries are in demand in the traditional areas of finance and insurance, as well as in areas such as health, education, energy and environment, public infrastructure and genetics.

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 vocational 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 have opportunities to build business acumen and to embrace emerging technologies. You’ll develop networks across a number of professional settings throughout your course, and you’ll 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 vocational placements.
- You’ll receive a scholarship for the duration of your course.
- Mentoring and training will improve your employability outcomes.
- Macquarie is recognised as a Center of Actuarial Excellence by the Society of Actuaries.

**WHAT YOU CAN STUDY**

Contingent payments, ethical practice, insurance mathematics, mathematics of finance, probability, professional standards and practices, project management, statistics.

**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.
The finance world is continuously evolving, making it a remarkably exciting field to work in. Being able to navigate through the complex world of markets, banks and laws – and provide optimal advice about growing wealth – is highly desirable in today’s economy.

With the corporate finance and investment management skills you’ll gain in this course – the ability to help organisations create value, invest wisely and control risk – you’ll find yourself in demand across the globe.

**KEY FEATURES**

- This specialist CFA-accredited course equips you to become an ethical professional in the field of finance.
- Units focus on the latest practices in the field, and apply analytical techniques and statistical models to real-world finance industry situations.
- Your teachers are highly qualified and experienced lecturers who have a thorough understanding of finance industry practices.
- This course is highly practical, providing you with opportunities to engage with industry.

**WHAT YOU CAN STUDY**

Corporate finance, derivative pricing, financial modelling, financial economics, portfolio management, risk management.

**CAREER OPTIONS**

Corporate finance manager, financial analyst, fund manager, investment adviser, planning/policy analyst, stockbroker.
Bachelor of Business Administration

3 years full-time/equivalent part-time
81.00 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.

Bachelor of Business Analytics

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

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.
Bachelor of Business Leadership and Commerce

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.

Bachelor of Commerce

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.
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

- 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.
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 languages, 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.

“I chose Macquarie as I wanted to attend a uni where the business disciplines were viewed individually. My double degree enabled me to maintain my interest in economic theories and also be able to apply them towards the financial world. Since graduating, I’ve been working at Toyota Financial Services in their fantastic graduate rotation program, which is allowing me to evaluate my career path in practice before taking on a set role.”

Elizabeth Agboola  
**BACHELOR OF APPLIED FINANCE WITH BACHELOR OF ECONOMICS**
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).

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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.
* Recognition of prior learning is given if you hold a Diploma of Early Childhood Education and Care or equivalent, eg, Diploma of Children’s Services or Diploma of Community Services (Centre-based Care).
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.

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

Undergraduate

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

Career

- Primary teacher
- Early childhood and primary teacher (Teach from birth to 12 years)
Primary education specialists focus on helping children reach their full potential and develop foundation skills such as literacy, numeracy, and physical and social competencies. In this course, you will complete a qualifying major, undertake teaching methodology units and satisfy NESA key learning area content requirements.

**KEY FEATURES**

- You’ll have the opportunity to specialise in STEM or literacy.
- You’ll be taught by academics who are researching the latest approaches to teaching.
- You’ll participate in a comprehensive professional experience program that integrates your studies with real-world practice.
- 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.
- If you wish to teach children from birth to 12 years, you can undertake the Early Childhood Teaching major within this 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, educational adviser to government or other agencies, educational policy planner, education officer within a range of public and private institutions, educational researcher.

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Primary education specialists focus on helping children reach their full potential and develop foundation skills such as literacy, numeracy, and physical and social competencies. Psychology professionals seek to understand how the mind works and the behaviour of people.

This course prepares you to teach in primary schools, as well as in psychology-related areas. An advanced understanding of human behaviour, especially of young children, is a highly desirable skill in teaching and will set you apart from your peers.

**KEY FEATURES**

- You’ll have the opportunity to specialise in STEM or literacy.
- You’ll be taught by academics who are researching the latest approaches to teaching.
- You’ll participate in a comprehensive professional experience program that integrates your studies with real-world practice.
- 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.
- If you wish to teach children from birth to 12 years, you can undertake the Early Childhood Teaching major within this 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).
Secondary teaching pathways

**BACHELOR OF ARTS WITH BACHELOR OF EDUCATION (SECONDARY)**
4 years

**BACHELOR OF SCIENCE WITH BACHELOR OF EDUCATION (SECONDARY)**
4 years

### SECONDARY TEACHER

**First teaching subject**
- Business Studies
- Economics
- English
- Geography

**Second teaching subject**
- Business Studies
- Economics
- English
- Geography
- History (Ancient)
- History (Modern)
- Languages
- Mathematics
- Science

*Only possible as a second teaching subject if you take Science as your first teaching subject.*
People with skills in STEM are in demand across the globe. Preparing the next generation of competitive workers requires teachers who can inspire a love of STEM.

Taught by science and education specialists, this course will provide you with the skills to become a qualified secondary teacher specialising in a science-related discipline, including maths.

**KEY FEATURES**

- Our program is University wide, meaning you learn teaching subjects from experts in each key learning area. For example, in science you’ll learn from our world-class science 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.

**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**

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

It’s during secondary school that young people acquire the skills that improve their opportunities for good jobs or further education. High-quality teachers are often important role models – guiding students through what can be an exciting but also challenging time in their lives.

In this course, you’ll complete a qualifying major in the field of your first teaching subject. Subjects include business studies, economics, English, geography, history, languages and maths.

**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.

Bachelor of Science with Bachelor of Education (Secondary)

People with skills in STEM are in demand across the globe. Preparing the next generation of competitive workers requires teachers who can inspire a love of STEM.

Taught by science and education specialists, this course will provide you with the skills to become a qualified secondary teacher specialising in a science-related discipline, including maths.

**KEY FEATURES**

- Our program is University wide, meaning you learn teaching subjects from experts in each key learning area. For example, in science you’ll learn from our world-class science 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.

**WHAT YOU CAN STUDY**

This course requires you to choose a major from the following: Applied Mathematics, Biology, Chemical and Biomolecular Sciences, Climate Science, Environmental Earth Science, Geography, Geology, Geophysics, Human Geography, Physics, Pure Mathematics. You’ll also study a range of education-related subjects.

**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.
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.

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Bachelor of Engineering (Honours) in Electronics Engineering

Electronic components, devices and systems are everywhere in our modern lives. Mobile phones, TVs, cameras, MP3 players and watches are all examples of electronic devices we’d struggle to live without. Electronics is also embedded in many other areas of our modern society, including in telecommunication networks, manufacturing, computers, transport, power generation, entertainment, consumer appliances, environmental control and medicine.

This course will equip you with the knowledge and skills you’ll require to design future electronic technologies at the cutting edge, and develop embedded systems in the electronics industry.

**KEY FEATURES**

- This comprehensive, flexible course has a strong focus on practical learning.
- In your final year, you’ll complete a project in an electronics industry setting, or with one of our research groups in electronic circuit design, CAD tool development or medical applications.
- You’ll have opportunities to engage with our industry partners throughout your studies.
- Your learning is enhanced by our location in one of Australia’s leading high-tech precincts.

**WHAT YOU CAN STUDY**

Analog and digital computer hardware, computer networking, information technology, instrumentation and control, mathematics and physics, optical technology and photonics, telecommunication systems and wireless technology.

**CAREER OPTIONS**

Electronics design and manufacturing engineer, project and technology manager, research and development engineer, telecommunications systems engineer.
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.

“I chose my course because of my desire to make a difference and have an impact on the world around me. The course has presented me with many challenges that have helped develop me as an individual, and which have encouraged me to think outside the box.”

Tanya Sidana
BACHELOR OF ENGINEERING (HONOURS) IN MECHANICAL ENGINEERING WITH BACHELOR OF COMMERCE
Software engineers play a key role in modern society, ensuring computer-controlled systems and processes – including business systems, telecommunications, operating systems, firmware and middle-ware 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.

**KEY FEATURES**
- This comprehensive, flexible course has a strong focus on practical learning.
- In your final year, you’ll complete a project in a software industry setting or with one of our research groups.
- You’ll have opportunities to engage with our industry partners throughout your studies.
- Your learning is enhanced by our location in one of Australia’s leading high-tech precincts.

**WHAT YOU CAN STUDY**
- Algorithms and data structures, computer programming, computer science, database design and management, programming languages such as Java and C++, systems programming.

**CAREER OPTIONS**
- App developer, mobile technologist, software developer, software engineer, systems programmer, web developer.
Bachelor of Engineering (Honours) in Telecommunications Engineering

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.

**KEY FEATURES**
- This comprehensive, flexible course has a strong focus on hands-on laboratory programs using project-based learning.
- Real-time access to Nokia OSS mobile network tools will allow you to put theory into practice.
- In your final year, you’ll complete a project in a telecommunications organisation or with one of our research groups.
- Through our Optus Cadetship program, you’ll have the opportunity to undertake work experience with Optus during your studies.
- Exposure to professional practice and industries will increase your employment prospects with graduate career opportunities available at companies such as AWS, Cisco, Ericsson, Google, Huawei, Microsoft, Nokia, Optus, Telstra, TPG, Vodafone and many more.
- Your learning is enhanced by our location in one of Australia’s leading high-tech precincts.

**WHAT YOU CAN STUDY**
- Business law and economics, computer networking, e-commerce technology, electronics with electives in computer security, embedded systems, finance, information technology, Internet of Things, mobile wireless communications technology and networks, optical technology and photonics, software-defined networking, software technology, statistics.

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

4 years full-time

80.00 previous year’s selection rank

300716 UAC code

courses.mq.edu.au/BHons-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.

Bachelor of Digital Business

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.

**KEY FEATURES**
- You’ll develop skills in programming, databases, information systems, computer networks and web technology, as well as in management, finance and marketing.
- You’ll learn key concepts relating to entrepreneurship, including how to evaluate ideas, source and organise resources, interpret sales and evaluate marketing opportunities, and weigh the risks and rewards associated with new ventures.
- In your final year, you’ll undertake a project in entrepreneurship – where you’ll learn how to identify successful business models and strategies – and in information technology – where you’ll be part of a team that will deliver a substantial software product.
- You’ll acquire a flexible range of skills and knowledge relevant to a number of occupations – ideal for this rapidly growing area where there’s a high demand for professionals.

**WHAT YOU CAN STUDY**
- Business administration, computer networking and programming, databases, e-commerce technology, enterprise integration, information systems, web technology.

**CAREER OPTIONS**
- Business process consultant, data warehousing specialist, database designer and administrator, networking and communication adviser, programmer, systems analyst, web designer.

3 years full-time

85.00 previous year’s selection rank

300496 UAC code

courses.mq.edu.au/BDigitalBus
Bachelor of Information Technology

3 years full-time

75.00 previous year’s selection rank

300503 UAC code
courses.mq.edu.au/BIT

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

3 years full-time

77.00 previous year’s selection rank

300504 UAC code
courses.mq.edu.au/BIT-GDD

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.
Our environmental sciences research received a rating of 5 out 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.

Why choose environment at Macquarie?
The survival of all life on earth depends on properly functioning ecosystems. Without biodiversity, ecosystems break down. When this happens, our water systems, the air we breathe and the environments in which we grow food are all impacted.

Conserving the environment has become a global priority, and those with specialist skills in not only reducing our footprint but also identifying strategies for preserving our rich diversity are in demand. This broad and flexible course – which uniquely combines studies in plant and animal sciences, genetics, evolution and ecology with environmental and conservation management – will equip you with such specialist skills.

**KEY FEATURES**
- This course has a strong research focus, drawing on Macquarie’s exceptional research strengths in ecology and environment.
- It has an emphasis on lab and field-based practical components.
- You’ll have the flexibility to construct a specific program of study tailored to your intended professional career.
- Leading international researchers and active conservation practitioners give guest lectures and conduct practicals.

**WHAT YOU CAN STUDY**
Animal behaviour, conservation and evolutionary genetics, ecology and evolution, environmental plant physiology, invertebrate and vertebrate zoology, marine ecology, plant biology.

**CAREER OPTIONS**
Bio-prospector (eg, for new pharmaceuticals), conservation policymaker, environmental consultant, natural resource manager, research scientist, wildlife manager, zoo captive-breeding programs manager.

"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
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.
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.
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.

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.
Bachelor of Clinical Science pathways

BACHELOR OF CLINICAL SCIENCE
2 years (fast-tracked)

Undergraduate

DOCTOR OF MEDICINE*

DOCTOR OF PHYSIOTHERAPY*

DOCTOR OF DENTAL MEDICINE

DOCTOR OF VETERINARY MEDICINE

Postgraduate

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

* This course is offered at Macquarie University
Bachelor of Clinical Science

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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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 you 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.
Bachelor of Chiropractic Science

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.

3 years full-time

300470

UAC code

courses.mq.edu.au/BChiroSc

Bachelor of Medical Sciences

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.

3 years full-time/equivalent part-time

300518

UAC code

courses.mq.edu.au/BMedScs
Bachelor of Human Sciences pathways

**BACHELOR OF HUMAN SCIENCES**
3 years
Choose up to two majors

Undergraduate:
- Cognitive and Brain Sciences major
- Communication Disorders major
- Community Services major
- Counselling Theory and Principles major

Career:
- Research scientist, information technology analyst
- Case manager, disability services planner
- Health and community administrator, disability and aged care worker
- Ageing, disability or mental health worker, social welfare advocate

- Language and communication researcher, media and public relations specialist
- Health promotion officer, health researcher, policy developer
- Health and community program manager, rehabilitation and disability coordinator

Physiotherapist (additional postgraduate study required)
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.
Psychology pathways

Undergraduate

BACHELOR OF PSYCHOLOGY (HONOURS)**
4 years

BACHELOR OF ARTS – PSYCHOLOGY*
3 years
OR
BACHELOR OF SCIENCE – PSYCHOLOGY*
3 years

COUNSELLING THEORY AND PRINCIPLES MAJOR IN BACHELOR OF HUMAN SCIENCES
3 years

PSYCHOLOGICAL SCIENCE MAJOR IN BACHELOR OF ARTS OR BACHELOR OF SCIENCE
3 years

Postgraduate

MASTER OF PROFESSIONAL PSYCHOLOGY**
1+1 years*

MASTER OF CLINICAL NEUROPSYCHOLOGY*
2+2 years**

MASTER OF CLINICAL PSYCHOLOGY*
2+2 years**

MASTER OF ORGANISATIONAL PSYCHOLOGY*
2+2 years**

RESEARCH

Career

Registered psychologist

Endorsed psychologist

Psychology researcher

Psychology-related careers, eg, human resources; marketing; social, health and community services

* This course is accredited by the Australian Psychology Accreditation Council
** This course is accredited with conditions by the Australian Psychology Accreditation Council
# Transfer rules apply. Visit mq.edu.au/internal-transfer
+ One year of postgraduate study plus one year of external practical experience
++ Two years of postgraduate study plus two years of supervised practice
º Continuation to the honours year is subject to meeting honours requirements
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.

“I chose Macquarie because the University is renowned for its psychology department. The academics are leading experts in their field and the technology housed in buildings such as the Simulation Hub and Australian Hearing Hub are state of the art. The best part is that Macquarie psychology students have access to this technology through research participation and internships.”

Deyyan Jafar
BACHELOR OF PSYCHOLOGY (HONOURS)
Bachelor of Arts – Psychology

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

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 your career an edge.

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.
Bachelor of Speech, Hearing and Language Sciences pathways

**BACHELOR OF SPEECH, HEARING AND LANGUAGE SCIENCES**
3 years

**Postgraduate**

**COMMUNICATION**

- MASTER OF ACCESSIBLE COMMUNICATION
- MASTER OF CLINICAL AUDIOLOGY*
- MASTER OF SPEECH AND LANGUAGE PATHOLOGY**
- GRADUATE CERTIFICATE OF EDITING AND ELECTRONIC PUBLISHING
- GRADUATE CERTIFICATE OF TESOL
- MASTER OF RESEARCH

**Career**

- Communication and accessibility specialist
- Audiologist
- Speech pathologist
- Editor, web content developer
- English language teacher
- Speech, hearing or language researcher

Professional roles such as advocacy or marketing in speech, hearing or health organisations

* This course is professionally accredited by Audiology Australia
** This course is professionally accredited by Speech Pathology Australia
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 (e.g., marketing or health advocacy).

**AUSTRALIAN HEARING HUB**

The Australian Hearing Hub is a revolutionary facility. Inspired by the interdisciplinary research environment at Macquarie, the research and training facility for speech, hearing and language students brings together some of the country’s best researchers and service providers to advance research, education and innovation in hearing and language disorders.
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.
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 a 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**
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 5.00
- Completion of units LEX101 or LEX102
- Maximum 48 credit points

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**Undergraduate**

**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)**
Combine the above with Bachelor of:
- Applied Finance
- Arts
- Arts – Psychology
- Business Administration
- Commerce
- Commerce – Professional Accounting
- Environment

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**Postgraduate**

**Master of Research**
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

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**Career**

- Barrister or Solicitor**
- Academic
- Advocate for non-government organisations
- Diplomat
- In-house counsel for private organisations or trade unions
- Policy adviser

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* The selection rank may change for 2019 entry. Check our website towards the end of 2018 for the most up-to-date information. Academic Advantage adjustment factors 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. All law graduates are required to complete a period of practical legal training before being admitted to practice as a barrister or solicitor.

^ Subject to approval by the University, students who have completed the Bachelor of Laws (Honours) may be eligible for direct entry into the second year of the Master of Research. The pathways into the Master of Research and the Master of Laws are subject to approval by the University and may be subject to change.
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 broader 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.
- As a graduate, you’ll join distinguished alumni who include some of Australia’s leading judges, managing partners of national law firms, diplomats, members of parliament and senior executives in the private sector.
- 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.

**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.
Bachelor of Laws double degrees

A double degree with law will prepare you to expertly respond to a range of individual, corporate, national and global problems. You’ll develop a comprehensive understanding of how law underpins many of society’s social, economic and scientific challenges, making you more well rounded and adaptable, as well as more competitive.

KEY FEATURES:
- As a pioneer of interdisciplinary study, Macquarie is the best place to undertake studies across different fields. This interdisciplinary approach means you’ll graduate with a reputation for being a well rounded and highly capable legal mind who also has a realistic understanding of the world, its people and the issues that bind them together.
- A double degree with law allows you to pursue your interests in areas outside the law, such as international finance, security, the environment, health, politics, diplomacy and the media.
- You’ll have the opportunity to undertake internships and work placements in a range of legal settings in Australia and overseas.
- Macquarie University Law Society (MULS) provides opportunities for you to participate in a range of competition and mooting events, as well as to enjoy the social side of university life.

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.
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.

“I chose security studies to expand my future employment opportunities and equip myself with the skills to make a difference in matters that really count. Macquarie’s well-Republican academics and reputation for innovation enticed me, as I knew I’d be getting the best possible preparation for future employment.”

James Johnston
BACHELOR OF SECURITY STUDIES
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).
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.

Bachelor of Media

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

3 years full-time/equivalent part-time
96.00 previous year’s selection rank
300543 UAC code
courses.mq.edu.au/BAdvSc

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
75.00 previous year’s selection rank
300517 UAC code
300917 UAC code (distance)
courses.mq.edu.au/BSc

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**
This course prepares you for a number of careers in the science field. Depending on your choice of major, double major, or major and minor, you can expand your skills in a single specialised area or develop skills across several disciplines.
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).

**SCIENCE LABS**

Our recently upgraded biology and chemistry labs are among the best in Asia-Pacific. Fitted with the latest digital technology, they allow microscopic images to be projected onto computer screens and projector boards so discoveries can be easily shared.
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).
Imagine 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.

### 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).

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### Bachelor of Archaeology

Imagine 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
- This course crosses the traditional arts/science divide by integrating core archaeology and ancient history units with a broad selection of science units.
- You’ll study the pre- and proto-historic cultures of the Mediterranean through the Greek, Roman, Coptic and Byzantine worlds, and further along the Silk Road to China.
- You’ll have the option to study ancient languages, papyrology, epigraphy and numismatics.
- Participation in international archaeological excavations and surveys in Croatia, Greece, Israel and Italy – in addition to local or international internships – will enhance your employment prospects.
- You’ll conduct field and lab activities in our new on-campus simulated archaeological site.

### WHAT YOU CAN STUDY
- This course requires you to choose a qualifying major from the following: Ancient History – Ancient Languages; Ancient History – Egypt and Near East; Ancient History – Greece, Rome and Late Antiquity; Anthropology; Environmental Earth Science; Geology; Human Biology; Modern History; Palaeobiology; Spatial Information Science.

### CAREER OPTIONS
- Archaeological field director, archaeological field/lab technician, cultural heritage consultant, researcher, surveyor, various positions in scientific fields.
**Bachelor of Hellenic Studies**

Greece is widely regarded as the birthplace of Western civilisation. 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 sociohistorical 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.

**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).

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**Bachelor of International Studies**

The world is getting smaller. Borders are blurring. Countries are becoming more interdependent. Foreign policy is affecting individuals more now than at any other time in history. We are truly a global community of citizens, and so the ability to understand and evaluate world issues across the social, cultural, political and economic spectrum is a highly valued skill.

This course – which combines the study of cultures and global society with the opportunity to learn a foreign language and study overseas – will equip you with the skills to understand, appreciate and assimilate into the cultures of a variety of countries across Asia, the Americas and Europe.

**KEY FEATURES**
- A session of exchange at a university overseas in your third year provides authentic intercultural experiences and opportunities to apply your target language skills.
- You’ll have the opportunity to undertake a focused internship linked to the language and culture you’re studying, either nationally or internationally.
- An unmatched range of languages and an interdisciplinary approach allow you to integrate aspects of linguistics and cross-cultural communication into your study.

**WHAT YOU CAN STUDY**
Languages including Chinese, Croatian, French, German, Italian, Japanese, Modern Greek, Polish, Russian and Spanish, as well as Asian, European and Latin American societies and culture.

**CAREER OPTIONS**
Advocacy officer, corporate travel consultant, international aid worker, policy adviser, public service or private consultant, security consultant.
### Bachelor of Social Science

<table>
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<tr>
<th>3</th>
<th>years full-time</th>
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</thead>
<tbody>
<tr>
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<td>300120</td>
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**courses.mq.edu.au/BSocSci**

**DOUBLE DEGREE**
Undertake this course with:
- Bachelor of Laws

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

### Bachelor of Planning

<table>
<thead>
<tr>
<th>4</th>
<th>years full-time/equivalent part-time</th>
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<tbody>
<tr>
<td>78.00</td>
<td>previous year’s selection rank</td>
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<tr>
<td>300570</td>
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**courses.mq.edu.au/BPlan**

**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.

This course aims 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.

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.
Spoiled for choice
OUR MAJORS. YOUR WAY

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.
## Majors

### Business

<table>
<thead>
<tr>
<th>Major</th>
<th>Course</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>B Business Leadership and Commerce, B Commerce</td>
</tr>
<tr>
<td>Economics</td>
<td>B Arts, B Business Leadership and Commerce, B Commerce</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>B Arts, B Business Leadership and Commerce, B Commerce</td>
</tr>
<tr>
<td>Finance</td>
<td>B Business Leadership and Commerce, B Commerce</td>
</tr>
<tr>
<td>Human Resources</td>
<td>B Arts, B Business Leadership and Commerce, B Commerce</td>
</tr>
<tr>
<td>International Business</td>
<td>B Arts, B Business Leadership and Commerce, B Commerce</td>
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<tr>
<td>Marketing</td>
<td>B Arts, B Business Leadership and Commerce, B Commerce</td>
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### Education

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<th>Major</th>
<th>Course</th>
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<tbody>
<tr>
<td>Early Childhood</td>
<td>B Arts</td>
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<tr>
<td>Early Childhood Teaching</td>
<td>B Arts with B Education (Primary)</td>
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<tr>
<td>Education</td>
<td>B Arts</td>
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### Engineering and IT

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<thead>
<tr>
<th>Major</th>
<th>Course</th>
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<tbody>
<tr>
<td>Cyber Security</td>
<td>B Arts, B Information Technology, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Data Science</td>
<td>B Arts, B Information Technology, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Electronics</td>
<td>B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Information Systems and Business Analysis</td>
<td>B Arts, B Information Technology, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Software Technology</td>
<td>B Advanced Science, B Arts, B Information Technology, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Web Design and Development</td>
<td>B Arts, B Information Technology, B Science, B Science – Global Challenges</td>
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### Environment

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<thead>
<tr>
<th>Major</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Climate Science</td>
<td>B Environment, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Environmental Earth Science</td>
<td>B Archaeology, B Environment, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Environmental Management</td>
<td>B Arts, B Environment, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Geology</td>
<td>B Advanced Science, B Archaeology, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Geophysics</td>
<td>B Advanced Science, B Science, B Science – Global Challenges</td>
</tr>
<tr>
<td>Spatial Information Science</td>
<td>B Archaeology, B Environment, B Science, B Science – Global Challenges</td>
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</table>
### Health and medical sciences

<table>
<thead>
<tr>
<th>Major</th>
<th>Course</th>
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</thead>
<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>
</tr>
<tr>
<td>Community Services</td>
<td>B Human Sciences</td>
</tr>
<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>
</tr>
<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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</table>

### Law, security and intelligence

<table>
<thead>
<tr>
<th>Major</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Corporate and Commercial Law</td>
<td>B Laws</td>
</tr>
<tr>
<td>Criminology</td>
<td>B Arts, B Laws, 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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### 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>
</tr>
<tr>
<td>Creative Writing</td>
<td>B Arts</td>
</tr>
<tr>
<td>Dance and Performance</td>
<td>B Arts</td>
</tr>
<tr>
<td>Digital Design</td>
<td>B Arts, B Media</td>
</tr>
<tr>
<td>Interactivity and Games</td>
<td>B Arts</td>
</tr>
<tr>
<td>International Communication</td>
<td>B Arts</td>
</tr>
<tr>
<td>Journalism and Non-Fiction Writing</td>
<td>B Arts, B Media</td>
</tr>
<tr>
<td>Media, Culture and Communication</td>
<td>B Arts</td>
</tr>
<tr>
<td>Media Studies</td>
<td>B Arts, B Media</td>
</tr>
<tr>
<td>Music</td>
<td>B Arts</td>
</tr>
<tr>
<td>Public Relations and Social Media</td>
<td>B Arts, B Media</td>
</tr>
<tr>
<td>Radio, Digital Audio and Broadcast Production</td>
<td>B Arts, B Media</td>
</tr>
<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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</table>

### Science

<table>
<thead>
<tr>
<th>Major</th>
<th>Course</th>
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</thead>
<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>Palaeobiology</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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<tr>
<td>Pure Mathematics</td>
<td>B Advanced Science, B Arts, B Science, B Science – Global Challenges</td>
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<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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<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>
</tr>
<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>
</tr>
<tr>
<td>Chinese-English Translation and Interpreting</td>
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What’s on
2018 CALENDAR OF EVENTS

**MAR**
10–11 HSC in the Holidays
12 Campus tour

**APR**
3 Campus tour
17 or 18 Macquarie in a Day
19 Campus tour

**MAY**
11 and 29 Campus tour
23 Student and Parent Info Evening
28–31 Non School Applicant Info Week
31 May – 3 Jun HSC and Careers Expo

**AUG**
18 Open Day
21 Campus tour

**SEP**
13 Campus tour

**OCT**
1, 5, 6, 7, 13 and 14 HSC in the Holidays
8 Campus tour
18 New South Wales HSC written exams begin
29 Oct – 1 Nov Non School Applicant Info Week
JUN

20 Campus tour
28 Jun – 1 Jul Western Sydney Careers Expo

JUL

11–20 HSC in the Holidays
9 Campus tour
20 Campus tour

NOV

2 Campus tour
9 New South Wales HSC written exams conclude
20 Campus tour

DEC

5 Campus tour
15 Info Day
18 Campus tour

PHOTOS: Chris Stacey, Joanne Stephan, Matt Chang, Alex Craig, Robert Harcourt, T Rowles, Carlos Walters, Paul Wright and supplied by subject.

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