

Year 10 and 11
guide 2019



MACQUARIE
University

(YOU) *us*

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

*That's **YOU** to the power of us*

WHAT CAN I STUDY?

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.

YOU LIKE	YOU COULD STUDY	YOU COULD BE
Business studies Economics Languages Mathematics Society and culture	Business	Accountant Actuarial analyst Data analyst Entrepreneur Human resources rep or recruiter Marketing specialist
English History or geography Languages Mathematics Science	Education	Early childhood teacher Educational researcher Primary or secondary teacher Special education teacher Teacher of English as a second language
Engineering studies Information processes and technology Mathematics Physics Software design and development	Engineering and IT	Engineer Entrepreneur Games designer Software designer Web developer
Biology Chemistry Earth and environmental science Geography Physics	Environment	Ecologist or earth scientist Marine scientist Mining industry consultant Sustainability specialist Zoologist
Biology, chemistry or physics English Mathematics PDHPE Society and culture	Health and medical sciences	Audiologist or speech pathologist Chiropractor Doctor Medical researcher Physiotherapist Psychologist
Community and family studies English Legal studies Science Society and culture Studies of religion	Law, security and intelligence	Barrister or solicitor Criminologist Defence or intelligence officer Security analyst State, territory or federal police officer
Design and technology Drama or music English Society and culture Visual arts	Media, creative arts and communication	Advertising specialist Film, music, radio or TV producer Journalist Marketing or public relations specialist Video game designer
Biology, chemistry, mathematics or physics Design or industrial technology Earth and environmental science Engineering studies Information processes and technology	Science	Astronomer or astrophysicist Biologist or chemist Biotechnologist Mathematician or physicist Researcher
Community and family studies English or languages History or geography Society and culture Studies of religion	Society, history and languages	Archaeologist or anthropologist Historian or museum curator Social or market researcher Translator or interpreter Urban or environmental planner

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

Calling all high achievers

Are you in Year 10 or Year 11 and you're looking to complete – or you're currently completing – accelerated HSC subjects? Or have you demonstrated outstanding academic achievement in some other way?

If so, we've got the program for you. 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.

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

WHAT ARE YOU EVEN SAYING?

Sometimes the uni terms we use can be a bit tricky to get your head around. Here's a quick guide to help you make sense of it all.

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.

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.

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.

Courses

Bachelor of Arts

Undergraduate course	2018 selection rank	Course duration
B Arts	75.00	3 years full-time
B Arts (Distance)	75.00	3 years full-time
B Arts with B Commerce	80.00	4 years full-time
B Arts with B Laws	96.00	5 years full-time
B Arts with B Science	75.00	4 years full-time
B Business Administration with B Arts	81.00	4 years full-time
B Engineering (Honours) in Electrical Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Electronics Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Mechanical Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Mechatronic Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Software Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Telecommunications Engineering with B Arts	80.00	5 years full-time
B Arts – Psychology	83.00	3 years full-time

Business

Undergraduate course	2018 selection rank	Course duration
B Actuarial Studies	97.00	3 years full-time
B Actuarial Studies with B Professional Practice	N/A	4 years full-time
B Actuarial Studies with B Science	97.00	4 years full-time
B Applied Finance	88.00	3 years full-time
B Applied Finance with B Actuarial Studies	97.00	4 years full-time
B Applied Finance with B Business Analytics	88.00	4 years full-time
B Applied Finance with B Commerce – Professional Accounting	88.00	4 years full-time
B Applied Finance with B Economics	88.00	4 years full-time
B Applied Finance with B Laws	96.00	5 years full-time
B Business Administration	81.00	3 years full-time
B Business Administration with B Arts	81.00	4 years full-time
B Business Administration with B Arts – Psychology	83.00	4 years full-time
B Business Administration with B Commerce – Professional Accounting	81.00	4 years full-time
B Business Administration with B Laws	96.00	5 years full-time
B Business Administration with B Psychology (Honours)	94.35	5 years full-time
B Business Analytics	85.00	3 years full-time
B Business Analytics with B Security Studies	85.00	4 years full-time
B Business Leadership and Commerce	N/A	4 years full-time
B Commerce	80.00	3 years full-time
B Commerce with B Arts – Psychology	83.00	4 years full-time
B Commerce with B Laws	96.00	5 years full-time
B Commerce with B Psychology (Honours)	94.20	5 years full-time
B Commerce with B Science	80.00	4 years full-time
B Arts with B Commerce	80.00	4 years full-time
B Engineering (Honours) in Electrical Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Electronics Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Mechanical Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Mechatronic Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Software Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Telecommunications Engineering with B Commerce	81.00	5 years full-time
B Commerce – Professional Accounting	80.00	3 years full-time
B Commerce – Professional Accounting with B Business Analytics	85.00	4 years full-time
B Commerce – Professional Accounting with B Laws	96.00	5 years full-time
B Commerce – Professional Accounting with B Professional Practice	NC	4 years full-time
B Economics	80.00	3 years full-time
B Economics with B Analytics	85.00	4 years full-time
B Global Business	85.00	3 years full-time
B Marketing and Media	95.30	3 years full-time

Education		
Undergraduate course	2018 selection rank	Course duration
B Teaching (Early Childhood Education)	75.00	4 years full-time
B Teaching (Early Childhood Education) (Distance)	75.00	4 years full-time
B Arts with B Education (Primary)	75.00	4 years full-time
B Arts – Psychology with B Education (Primary)	83.00	4 years full-time
B Arts with B Education (Secondary)	75.00	4 years full-time
B Science with B Education (Secondary)	75.00	4 years full-time

Engineering and IT		
Undergraduate course	2018 selection rank	Course duration
B Engineering (Honours) in Electrical Engineering	80.00	4 years full-time
B Engineering (Honours) in Electrical Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Electrical Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Electrical Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Electronics Engineering	80.00	4 years full-time
B Engineering (Honours) in Electronics Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Electronics Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Electronics Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Mechanical Engineering	80.00	4 years full-time
B Engineering (Honours) in Mechanical Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Mechanical Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Mechanical Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Mechatronic Engineering	80.00	4 years full-time
B Engineering (Honours) in Mechatronic Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Mechatronic Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Mechatronic Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Software Engineering	80.00	4 years full-time
B Engineering (Honours) in Software Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Software Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Software Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Telecommunications Engineering	80.00	4 years full-time
B Engineering (Honours) in Telecommunications Engineering with B Arts	80.00	5 years full-time
B Engineering (Honours) in Telecommunications Engineering with B Commerce	81.00	5 years full-time
B Engineering (Honours) in Telecommunications Engineering with B Science	80.00	5 years full-time
B Digital Business	85.00	3 years full-time
B Information Technology	75.00	3 years full-time
B Information Technology with B Laws	96.00	5 years full-time
B Information Technology – Games Design and Development	77.00	3 years full-time

Environment		
Undergraduate course	2018 selection rank	Course duration
B Biodiversity and Conservation	80.00	3 years full-time
B Environment	84.00	3 years full-time
B Environment with B Laws	96.00	5 years full-time
B Marine Science	78.00	3 years full-time

Health and medical sciences		
Undergraduate course	2018 selection rank	Course duration
B Clinical Science	90.00	2 years full-time*
B Chiropractic Science	80.00	3 years full-time
B Medical Sciences	85.00	3 years full-time
B Human Sciences	80.00	3 years full-time
B Psychology (Honours)	94.15	4 years full-time
B Psychology (Honours) with B Human Sciences	94.00	5 years full-time
B Psychology (Honours) with B Laws	96.70	6 years full-time
B Psychology (Honours) with B Speech, Hearing and Language Sciences	94.00	5 years full-time
B Business Administration with B Psychology (Honours)	94.35	5 years full-time
B Commerce with B Psychology (Honours)	94.20	5 years full-time
B Arts – Psychology	83.00	3 years full-time
B Arts – Psychology with B Education (Primary)	83.00	4 years full-time
B Arts – Psychology with B Human Sciences	83.00	4 years full-time
B Arts – Psychology with B Laws	96.00	5 years full-time
B Arts – Psychology with B Speech, Hearing and Language Sciences	83.00	4 years full-time
B Business Administration with B Arts – Psychology	83.00	4 years full-time
B Commerce with B Arts – Psychology	83.00	4 years full-time
B Science – Psychology	83.00	3 years full-time
B Speech, Hearing and Language Sciences	83.00	3 years full-time
B Speech, Hearing and Language Sciences with B Human Sciences	83.00	4 years full-time

Law, security and intelligence		
Undergraduate course	2018 selection rank	Course duration
B Laws	97.00	4 years full-time
B Laws (Distance)	97.00	4 years full-time
B Applied Finance with B Laws	96.00	5 years full-time
B Arts with B Laws	96.00	5 years full-time
B Arts – Psychology with B Laws	96.00	5 years full-time
B Business Administration with B Laws	96.00	5 years full-time
B Commerce with B Laws	96.00	5 years full-time
B Commerce – Professional Accounting with B Laws	96.00	5 years full-time
B Environment with B Laws	96.00	5 years full-time
B Information Technology with B Laws	96.00	5 years full-time
B International Studies with B Laws	96.00	5 years full-time
B Media with B Laws	96.00	5 years full-time
B Psychology (Honours) with B Laws	96.70	6 years full-time
B Science with B Laws	96.00	5 years full-time
B Social Science with B Laws	96.00	5 years full-time
B Security Studies	75.00	3 years full-time
B Security Studies (Distance)	75.00	3 years full-time
B Security Studies with B Laws	96.00	5 years full-time
B Business Analytics with B Security Studies	85.00	4 years full-time

Media, creative arts and communication		
Undergraduate course	2018 selection rank	Course duration
B Marketing and Media	95.30	3 years full-time
B Media	85.00	3 years full-time
B Media with B Laws	96.00	5 years full-time

*This course is equivalent to a three-year full-time course, however, the minimum time to complete this course is reduced by additional study periods.

Science		
Undergraduate course	2018 selection rank	Course duration
B Advanced Science	96.00	3 years full-time
B Science	75.00	3 years full-time
B Science (Distance)	75.00	3 years full-time
B Science with B Laws	96.00	5 years full-time
B Actuarial Studies with B Science	97.00	4 years full-time
B Arts with B Science	75.00	4 years full-time
B Commerce with B Science	80.00	4 years full-time
B Engineering (Honours) in Electrical Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Electronics Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Mechanical Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Mechatronic Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Software Engineering with B Science	80.00	5 years full-time
B Engineering (Honours) in Telecommunications Engineering with B Science	80.00	5 years full-time
B Science – Global Challenges	85.00	3 years full-time
B Science – Psychology	83.00	3 years full-time

Society, history and languages		
Undergraduate course	2018 selection rank	Course duration
B Ancient History	92.00	3 years full-time
B Ancient History (Distance)	92.00	3 years full-time
B Archaeology	88.00	3 years full-time
B Hellenic Studies	75.00	3 years full-time
B International Studies	80.00	3 years full-time
B International Studies with B Laws	96.00	5 years full-time
B Planning	78.00	4 years full-time
B Social Science	77.00	3 years full-time
B Social Science with B Laws	96.00	5 years full-time

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.

N/A = 2018 selection rank not applicable
NC = new course, selection rank not yet determined



Visit courses.mq.edu.au for more information about our courses.

(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*