A quick guide to QUT
for students in Years 7-10
University is for everyone

It doesn’t matter if you don’t know much about uni, or even if you’ll be the first one in your family to go to uni. We have students from many backgrounds—some who have had to relocate to attend uni, some needing financial assistance, as well as a diverse range of cultures. They feel right at home at QUT, and you will too.

There is plenty of help available including entry programs, financial assistance and support—from personal counselling, an accommodation service and career advice through to IT support, academic workshops, and disability support. We’ve got you covered.

Your future is in your hands

If there’s a particular career you are dreaming of, make it yours.

At uni, you’ll usually start with a bachelor degree, such as a Bachelor of Science. But there’s no need to limit yourself. In many courses you can also take some units from other areas that interest you. So if you are studying science, you might also add some language units (subjects) within the same degree.

You can also consider a double degree, which combines two bachelor degrees, giving you even more skills and options in your study and career.

Time is on your side

Going to uni might seem like a big time commitment now, but given that you’ll probably have 17 jobs and five different careers over your lifetime, it’s a worthwhile investment. A bachelor degree normally takes 3–4 years to complete and a double degree takes 4–5.5 years. And many students say it’s the best time of their lives.

Get to class! Or not.

Uni is different to school. You’ll have different options for when and how you study. Attendance isn’t usually compulsory but you’ll need to balance your time if you want to do well.

Classes can be on campus or online. For full-time study, you’ll generally enrol in three or four units each semester, and spend around 10–12 hours per unit each week in classes or completing online activities, extra study and assessment. You might attend lectures (large classes with 100+ students) or tutorials, workshops, lab sessions or practicals (smaller, interactive classes of 25 or so students). Or you might study from the comfort of home with online lectures, discussions, workshops or simulations.

You can expand your horizons with options to work on a project or undertake experience with an organisation, or head overseas for study, a tour or internship.

A university for the real world. Wait, what?

At QUT, we’re all about preparing you for life after uni, you know, the real world. And that means getting you ready for the careers of today and careers that have yet to be thought of. You’ll learn from teachers who are industry leaders, gain hands-on experience, connect with employers and experts in your field, and have access to career planning resources and support to grow your own start-up business.

QUT has two inner-city campuses so you’ll be right in the middle of the action. Where you study will depend on the course you choose. Gardens Point is right in the city centre and Kelvin Grove is three kilometres from the city. Easy to catch public transport and handy to student accommodation.

Take us for a test drive

To get a taste of what university is like and test drive some of your study areas, consider the START QUT program. It’s an opportunity for high-achieving students to study one or two QUT units during Year 11 or Year 12. You’ll go to on-campus classes and complete assessments alongside first-year students. Check out the academic and other requirements at qut.edu.au/startqut

Getting into uni

Each university has different entry criteria so you’ll need to do some research. For QUT, you’ll need either an ATAR or a completed International Baccalaureate (IB) Diploma to gain entry directly after school.

For most courses at QUT, places are allocated based on your ATAR or IB Diploma score. The course information on the following pages shows the ATAR threshold from the 16 January 2019 offer round. You can use this as a guide to the ATAR you may need for entry.

Some courses have additional entry requirements such as an audition, portfolio or written statement.

If you don’t have an ATAR or IB Diploma, there are other admission pathways that you can take after school to help you get into QUT.

Subjects for entry to QUT

QUT has an assumed knowledge scheme for most of our courses. This means we assume you have studied certain subjects at school but we don’t use them as entry criteria. It’s important to study the assumed knowledge subjects at school if you can, or you may struggle with your uni studies.

However, if your career plans have changed since you selected your subjects for senior, it’s reassuring to know that you have opportunity to pick up the knowledge through a bridging course.

QUT’s Bachelor of Education courses have prerequisite subjects that you must have studied in Year 11 and 12, or through a bridging course, to gain entry.
A day in the life of Melanie O’Meara
Business and psychology student

6.30am Wake up, have breakfast and pack my bag for the day. Then I head to the bus stop at the end of my street to catch the bus to work.

7.30am Arrive at the city café where I work part time. Because I’m from regional NSW, I moved out of home for uni so a part-time job is essential to help with costs.

11am Finish work and grab a sandwich on my way out. I walk across the city to Gardens Point campus and usually stop in the Botanic Gardens to eat lunch on the way.

12pm My first class is a business management lecture where my lecturer gives us lots of real-life examples from his own experience.

2pm The lecture is followed up by a tutorial which is always great because we get to discuss topics that we have just learnt about and everyone gets involved in class discussions.

3pm After my tutorial I jump on the free shuttle bus to Kelvin Grove campus for a psychology class. The bus is great for double degree students who study at both campuses and gets me to class in time for a snack and a chat with some friends.

4pm My psychology class is a statistical analysis tutorial so we spend some time learning to use new software in the computer labs. The class only has about 20 students so the tutor has time to check in with you.

5pm I’ve finished my classes for the day and now I have social soccer at the QUT sports field. Even though it’s been a long day I’m always excited to play and see my friends for a bit of down time.

7pm I head home for the day to the house I share with some other students near uni. Usually I try to have something prepped and ready to go for dinner so it’s quick and easy. I have a chat to my housemates about their day.

10pm After I’ve revised my notes for the day I watch some Netflix and relax, then I’m ready for bed.

Crunch time: how to choose subjects for Year 11 and 12

Choosing subjects is an important decision, but don’t panic. Your subject choices are just a first step, and you won’t be locked into one career path for life. Here are our best tips.

• Try out some different subjects in Year 8, 9 and 10 so you can see what you like.

• Find out what subjects are available at your school in Year 11 and 12 and what they are all about. Talk to your teachers and parents/guardians, or read the subject selection information from school.

• Choose subjects you like so you’ll be motivated to put in the time and effort to do well. Subjects you like and are good at are more likely to connect to a career you’ll love. And you will have more fun in your final years at school.

• You don’t need to know exactly what career you want, but it’s a good idea to explore a few. The Match My Skills quiz can help. Once you have some jobs in mind, check what courses you need to study. If there are assumed knowledge or prerequisite subjects, include these in your subject selection.

• To find out more about university and career options before you make subject choices, head to an event like TSXPO or Open Day. These events are held in July so you can get your questions answered before you need to select your subjects.

• If you are planning to go to uni, make sure you choose the right combination of general, applied or vocational education and training (VET) subjects to receive an ATAR.

• Certain subjects can give you a boost for entry to uni courses with a selection rank adjustment. QUT’s Year 12 subject scheme provides a selection rank adjustment for Specialist Mathematics, Physics, Languages other than English (LOTE), Engineering, Aerospace Systems, or studying a university subject while at school.

• Worried you’ll make a mistake? It’s OK. Talk to your school right away to see if you can make a change. If not, and you need a particular subject for uni entry, look into options such as bridging courses to help you pick up the knowledge you need.

• If you need more advice, talk to your guidance officer, careers adviser, teachers or parents/guardians.

Differences between school and uni

• Study what YOU want and meet friends with the same interests.

• On-campus and online study options.

• Organise your own timetable for study, work and fun.

• 150+ clubs to join, as well as festivals, sport and campus events.

• Access on-campus shops, gyms, sport facilities, cafés, food courts, swimming pools, and esports arena.

• Develop leadership and professional skills through workshops, volunteering and campus projects.

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Business

If you like these subjects you might like studying business: accounting, business, economics, English, film, television and new media, geography, languages, maths

Careers: accountant, advertising strategist, business analyst, copywriter, digital strategist, economist, entrepreneur, financial analyst, financial planner, human resources officer, international management consultant, IT executive, investment manager, marketing consultant, media adviser, product manager, publicist, publisher, recruitment consultant, stockbroker, supply chain consultant

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR</th>
<th>Campus</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Advertising</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Economics</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Finance</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Financial planning</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Human resource management</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>International business</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Management</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Marketing</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Public relations</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Business with international study year</td>
<td>89.00</td>
<td>GP</td>
<td>4</td>
<td>English, and for accountancy, finance, economics, financial planning and marketing, Maths</td>
</tr>
<tr>
<td>Dean’s honours program</td>
<td>97.00</td>
<td>GP</td>
<td>4</td>
<td>English, and for accountancy, finance, economics, financial planning and marketing, Maths</td>
</tr>
</tbody>
</table>

Accountancy: A great platform for many careers in business including business analyst, certified practising accountant, chartered accountant, chief financial officer, forensic accountant or financial project manager.

Advertising: Study advertising account management, planning, media, creative and digital advertising for roles such as advertising account executive, copywriter, digital strategist, media buyer or planner.

Economics: Learn how to manage issues such as unemployment, interest rates, inflation, competition, business strategy, sustainable use of resources and the impact of government decisions. Work in government, banking and investment, or other organisations in roles such as business analyst, consultant or economist.

Finance: Focus on the borrowing, lending and investing of money by individuals, financial institutions, businesses and governments. Careers include financial analyst, commercial banker, investment manager and financial markets dealer.

Financial planning: Help people and businesses to manage their financial affairs and meet their financial goals. Careers include financial planner, financial adviser, investment manager or superannuation adviser.

Human resource management: Study recruitment, selection, training and development, performance and compensation management for roles such as human resource partner or manager, recruitment consultant, workforce planner or training and development adviser.

International business: Learn about global regulations, management of cultural differences, buying preferences, global transport options and ethical behaviours. You may work in Australia or overseas in the fields of customs and freight forwarding, international banking and finance, supply chain management or international business.

Management: Develop skills in entrepreneurial thinking and strategic decision making, as well as managing teams, risk, projects and operations in changing environments. Establish your own entrepreneurial start-up venture or work as a business development manager, business owner/manager or management consultant.

Marketing: Learn about the marketing mix, consumer behaviour, emarketing and using market research, to work in roles such as business development manager, market researcher, marketing communications officer or product manager.

Public relations: Learn skills to publicise a new movie, launch a social media campaign, improve relationships with customers or develop a government safety campaign. You may work as a community relations officer, publicist, media adviser, press secretary or public relations consultant/manager.

Double degrees: Business with animation, architecture, biomedical science, creative industries, creative writing, digital media, drama, engineering, entertainment industries, fashion, film, screen and new media, games and interactive environments, human services, industrial design, information technology, interaction design, interior architecture, journalism, justice, landscape architecture, law, mathematics, professional communication, property economics, psychology, science, secondary education, visual arts, visual communication

Want an international flavour?
The Bachelor of Business—International combines the three-year Bachelor of Business with one year of international studies. Choose your main area of study from those listed and you will also spend a year overseas with one of our partner institutions.

For all assumed knowledge or prerequisite subjects
- a grade of C or higher in Units 3 & 4 is specified
- English = One of English, Literature, English and Literature, English as an Additional Language
- Maths = One of General Mathematics, Mathematical Methods, Specialist Mathematics
- Science = One of Agricultural Science, Biology, Chemistry, Earth and Environmental Science, Marine Science, Physics, Psychology
- This course has additional entry requirements

The ATAR shown is the lowest to receive an offer in the 16 January 2019 offer round inclusive of adjustments.
Campus: GP (Gardens Point), KG (Kelvin Grove), EX (external)
For more information see the online course information at qut.edu.au/study
Education

If you like these subjects you might like studying education:
dance, drama, English, film, television and new media, geography, health, history, maths, music, physical education, sciences, visual art

Careers: childcare leader, corporate training and development, early childhood teacher, education outreach, entertainment industry, government policy officer, kindergarten teacher, learning designer, prep teacher, primary teacher, secondary teacher

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR</th>
<th>Campus</th>
<th>Duration (years)</th>
<th>Prerequisites</th>
</tr>
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<tbody>
<tr>
<td>Early childhood ed.</td>
<td>70.55</td>
<td>KG/EX</td>
<td>4</td>
<td>English, Maths, and at least one Science</td>
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<tr>
<td>Primary ed.</td>
<td>70.55</td>
<td>KG/EX</td>
<td>4</td>
<td>English, Maths, and at least one Science</td>
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<tr>
<td>Secondary ed.</td>
<td>70.55</td>
<td>KG</td>
<td>4</td>
<td>English, Maths</td>
</tr>
</tbody>
</table>

Early childhood Work as a teacher in early childhood education and care, kindergarten and Prep to Year 3.
Primary Teach in schools across Prep to Year 6.
Secondary Teach Years 7 to 12 in secondary schools and be a qualified specialist in your two chosen teaching areas. Teaching areas include biology, chemistry, earth and environmental science, English, geography, health and physical education, history, mathematics and physics.

Double degrees Secondary education with business, creative writing, dance, drama, film, screen and new media, information technology, music, visual arts

Land your dream job
Penny completed her professional experience at the Australian International School in Singapore, and now she’s working there full-time.

Watch Penny’s video now.

Scan the QR codes with your iPhone camera or Google Lens.
If you like these subjects you might like studying creative practice, communication or design: business, dance, drama, English, design, film, television and new media, geography, graphics, information technology, music, physics, technology studies, visual art.

**Careers:** actor, animator, architect, cinematographer, creative advertising executive, dancer, editor, entertainment producer, fashion designer, interior designer, multimedia designer, stage manager, teacher, visual artist.

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR</th>
<th>Campus</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative industries</td>
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<td>KG</td>
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<td>English</td>
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<tr>
<td>Communication</td>
<td></td>
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<tr>
<td>Advertising and public relations</td>
<td>81.85</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Digital media</td>
<td>70.55</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Entertainment industries</td>
<td>70.55</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Journalism</td>
<td>81.85</td>
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<tr>
<td>Professional communication</td>
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<td>3</td>
<td>English</td>
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<tr>
<td>Creative practice (fine arts)</td>
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<tr>
<td>Acting</td>
<td></td>
<td>KG</td>
<td>3</td>
<td>English</td>
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<tr>
<td>Animation</td>
<td>78.70</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Creative writing</td>
<td>70.55</td>
<td>KG</td>
<td>3</td>
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<tr>
<td>Dance</td>
<td></td>
<td>KG</td>
<td>3</td>
<td>English</td>
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<tr>
<td>Dance performance</td>
<td></td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Drama</td>
<td>70.55</td>
<td>KG</td>
<td>3</td>
<td>English</td>
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<tr>
<td>Film, screen and new media</td>
<td>81.85</td>
<td>KG</td>
<td>3</td>
<td>English</td>
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<td>Music</td>
<td></td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Technical production</td>
<td>81.85</td>
<td>KG</td>
<td>3</td>
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<td>Visual arts</td>
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<td>GP/KG</td>
<td>4</td>
<td>English</td>
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<td>Architecture</td>
<td>86.95</td>
<td>GP</td>
<td>3</td>
<td>English</td>
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<td>Fashion</td>
<td>76.50</td>
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<td>English</td>
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<td>Industrial design</td>
<td>74.20</td>
<td>GP</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Interaction design</td>
<td>70.55</td>
<td>GP/KG</td>
<td>3</td>
<td>English</td>
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<tr>
<td>Interior architecture</td>
<td>76.50</td>
<td>GP</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Landscape architecture</td>
<td>70.55</td>
<td>GP</td>
<td>3</td>
<td>English</td>
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<tr>
<td>Visual communication</td>
<td>70.55</td>
<td>GP/KG</td>
<td>3</td>
<td>English</td>
</tr>
</tbody>
</table>
Creative industries Keep your options open or focus on more than one creative area with the Bachelor of Creative Industries. You can choose multiple study areas to suit your interests and career aspirations.

Double degrees Creative industries with business, human services, information technology, law

Communication

Advertising and public relations Combine studies in these two complementary areas for careers such as communication specialist, media planner, advertising copywriter or corporate communications consultant.

Digital media Combine communication studies with digital innovation. Careers exist in marketing and communications, public relations, media, corporate communications, advertising, or digital strategy and content.

Entertainment industries Work as a producer, promoter or agent of entertainment such as radio, large-scale performances, theme parks, sport, film and television, and cultural and gaming production.

Journalism In this course you will write, present and produce news for online, print, radio and television, preparing you for a journalism career, or roles in public relations or media.

Professional communication Develop skills in high-level professional writing, strategic speech writing and persuasive writing to work in corporate, government or freelance roles such as professional writer or editor, reviewer or publisher.

Double degrees Digital media with business, information technology, justice, law Entertainment industries with business, law Journalism with business, justice, law, science Professional communication with business, justice, nutrition science, public health, science

Creative practice

Acting Train to work as an actor in film, television and on stage both in Australia and internationally.

Animation Develop skills for a career as an animator, visual effects artist or game designer for an animation or film studio, computer game company, or advertising or design agency.

Creative writing Includes novels, short stories, creative non-fiction, youth writing, media writing and poetry, scriptwriting and editing.

Dance Work as a dance teacher, choreographer, dance journalist, festival director, or in other dance-related careers.

Dance performance Combine intensive training in dance with academic studies to pursue a career as a dancer.

Drama Learn how to direct, produce, teach and perform drama for roles such as theatre and festival organiser, playwright, director, designer or performer.

Film, screen and new media Develop skills in producing, writing, editing, sound, cinematography and directing for careers in the film, television and digital media areas.

Music Focus on producing or performing music in state-of-the-art live and recording studio environments. Work as a performer, producer, composer or developer of music software and games.

Technical production Work as a stage manager, lighting and sound designer, technical director, or in the areas of props, costumes and stage mechanics.

Visual arts Practise art in the areas of video, photography, installation, performance, printmaking, drawing, sculpture and painting. Graduates work as successful artists, and as curators or arts managers in galleries and museums.

Double degrees Animation with business Creative writing with business, law, secondary education Dance with secondary education Drama with business, secondary education Film, screen and new media with business, law, secondary education Music with secondary education Visual arts with business, secondary education

Design

Architecture Plan and design buildings with a focus on creating sustainable, healthier and more useable environments.

Fashion Be prepared to work in Australia and overseas, as an independent designer or with larger fashion houses.

Industrial design Draw on technology, design and user knowledge to design new consumer devices, more efficient work products, medical equipment and more.

Interaction design Design for technology such as web and mobile apps, wearable fashion or health technology, user experience, smart home and virtual reality environments, robotics and more.

Interior architecture Consider the purpose, efficiency, comfort and aesthetics of interior spaces for work designing for large-scale projects or in retail, gallery or museum settings.

Landscape architecture Design and plan projects including parks, botanic gardens, sporting complexes, and educational, commercial or residential sites.

Visual communication Gain skills for careers in traditional and new interactive media in graphic design, digital media, interactive design, art direction, branding, motion graphics design, advertising, illustration, service and experience design, packaging, and exhibition design.

Double degrees Architecture with business, construction management, engineering, property economics Fashion with business Industrial design with business, engineering, law Interaction design with business, engineering, information technology Interior architecture with business, construction management, property economics Landscape architecture with business, engineering, urban and regional planning, science Visual communication with business

Want an international flavour?
The Bachelor of Design—International combines the three-year design degree in one of the study areas listed above with one year of international studies.
Health

If you like these subjects you might like studying health:
biochemistry, food and nutrition, health, maths, physical education, physics, psychology

Careers: biomedical scientist, counsellor, dietitian, exercise physiologist, exercise scientist, health information manager, health promotion officer, human services practitioner, medical scientist, nurse, nutritionist, optometrist, paramedic, pharmacist, policy development officer, podiatrist, psychologist, radiation therapist, radiographer, social worker, sports scientist, youth worker

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR</th>
<th>Campus</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioural science (psychology)</td>
<td>81.85</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Biomedical science</td>
<td>81.85</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods, Chemistry, Biology</td>
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<tr>
<td>Clinical exercise physiology</td>
<td>86.95</td>
<td>KG</td>
<td>4</td>
<td>English, Mathematical Methods, and at least one of: Chemistry, Physics, Biology</td>
</tr>
<tr>
<td>Health information management</td>
<td>74.20</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Human services</td>
<td>70.55</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Medical imaging</td>
<td>99.00</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods, Physics</td>
</tr>
<tr>
<td>Medical laboratory science</td>
<td>74.20</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods, Chemistry</td>
</tr>
<tr>
<td>Nursing</td>
<td>86.95</td>
<td>KG</td>
<td>3</td>
<td>English</td>
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<tr>
<td>Nutrition and dietetics</td>
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<td>KG</td>
<td>4</td>
<td>English, Mathematical Methods, Chemistry</td>
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<tr>
<td>Nutrition science</td>
<td>74.20</td>
<td>KG</td>
<td>3</td>
<td>English, Mathematical Methods, Chemistry</td>
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<tr>
<td>Paramedic science</td>
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<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>78.70</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods, Chemistry</td>
</tr>
<tr>
<td>Podiatry</td>
<td>83.95</td>
<td>KG</td>
<td>4</td>
<td>English, Mathematical Methods, Chemistry</td>
</tr>
<tr>
<td>Public health</td>
<td>70.55</td>
<td>KG</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Radiation therapy</td>
<td>97.00</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods, Physics</td>
</tr>
<tr>
<td>Social work</td>
<td>78.70</td>
<td>KG</td>
<td>4</td>
<td>English</td>
</tr>
<tr>
<td>Sport and exercise science</td>
<td>70.55</td>
<td>KG</td>
<td>3</td>
<td>English, Mathematical Methods, and at least one of: Chemistry, Physics, Biology</td>
</tr>
<tr>
<td>Vision science (optometry)</td>
<td>99.00</td>
<td>KG</td>
<td>5</td>
<td>English, Chemistry, Mathematical Methods, Physics</td>
</tr>
</tbody>
</table>

**Behavioural science (psychology)**
Psychologists use knowledge of human behaviour to treat individuals with mental disorders, relationship problems, learning difficulties, addiction and eating disorders. This course is the first step towards becoming a registered psychologist and is an excellent foundation for careers in other areas such as human resources, market research and organisational development.

**Biomedical science**
Study normal body function, investigate disease and injury, and develop new strategies for the prevention and treatment of diseases. You can work in universities, research institutes, hospitals and biotechnology companies.

**Clinical exercise physiology**
Work in hospitals and clinics, developing rehabilitation programs for patients with injuries or chronic diseases such as diabetes and cardiovascular disease.

**Health information management**
Collect, maintain and manage data that can improve health services for individuals and communities. The employment opportunities are excellent and you will graduate with knowledge in business, information technology and health.

**Human services**
Provide support to individuals, families and communities who are experiencing social or economic adversity. You may work as a case manager, counsellor, policy development officer, child protection officer or youth worker, or in aid, not-for-profit or human rights organisations.

**Medical imaging**
Use techniques such as X-ray, computed tomography (CT), and magnetic resonance imaging (MRI) to produce high-quality images that can be used by medical specialists to diagnose, manage and treat an injury or disease.

**Medical laboratory science**
Perform tests on human and veterinary specimens including blood, bodily fluids, stool, urine and tissue biopsies to investigate disease. You can work in pathology in hospitals or labs, or undertake further studies for a career in research.

**Nursing**
With on-campus facilities that replicate hospital surroundings, equipment and scenarios, you will develop the confidence and skills to work in a range of nursing environments. You will also complete more than 800 hours of placement during the course and learn from some of Australia’s most respected nurse academics and researchers.

**Nutrition and dietetics**
Develop an advanced knowledge of nutrition and advise on appropriate diet, food preparation and menu planning to treat nutrition-related disease. You may provide individual dietary counselling, medical nutrition therapy or group dietary therapy.

**Nutrition science**
Focus on issues that affect the whole population and apply expert knowledge to a range of nutrition services. Be employed in a number of industries to analyse food supply, government policy and eating behaviours, and develop new ways to promote healthy lifestyle choices and prevent diet-related disease within communities.

* Other ranks were used to select applicants at the threshold.
For all assumed knowledge or prerequisite subjects:
• a grade of C or higher in Units 3 & 4 is specified
• English = One of English, Literature, English and Literature, English as an Additional Language
The ATAR shown is the lowest to receive an offer in the 16 January 2019 offer round inclusive of adjustments
Campus: GP (Gardens Point), KG (Kelvin Grove)
For more information see the online course information at qut.edu.au/study
**Paramedic science** Provide rapid, emergency medical response and specialised transportation to the community. In this course you will complete extensive placements with the Queensland Ambulance Service, as well as scenario-based training alongside other emergency service providers to help you develop leadership skills and learn how to manage critical situations under pressure.

**Pharmacy** Study how drugs interact with the human body and how they can be used safely for therapeutic purposes. Pharmacists work in community pharmacies, hospitals, regulatory roles or research.

**Podiatry** Analyse walking and running motion, correct foot and lower limb problems, design orthotic devices, or assist with rehabilitation of sports injuries. Students gain practical experience treating patients in the QUT Health Clinics.

**Public health** Improve the health of whole populations through health education and promotion, policy development, risk management or disease prevention. Graduates work in health departments, community organisations and international health agencies.

**Radiation therapy** Plan and deliver radiation treatment for cancer patients. QUT is the only university in Queensland to offer a radiation therapy degree.

**Social work** Support individuals, families and communities experiencing hardship and anguish in hospitals, mental health settings or other clinical environments. You may also work in leadership and management roles in child protection, youth services, corrective services, justice and legal services, family support and counselling, and Indigenous services.

**Sport and exercise science** Design and implement exercise and physical activity programs to improve health and fitness, analyse performance or prevent injury. Graduates work with athletes and sporting teams, and in community roles.

**Vision science (optometry)** Provide preventative care and treatments for eye disease and vision problems. You will examine, diagnose and treat real patients at QUT Optometry Clinic using state-of-the-art ophthalmic instruments. This course includes a three-year Bachelor of Vision Science followed by a two-year Master of Optometry.

**Double degrees**
- Biomedical science with business, law
- Human services with business, creative industries, justice, public health
- Nutrition science with professional communication
- Paramedic science with nursing
- Psychology with business, justice, law, nursing, social work
- Public health with human services, nursing, professional communication
- Social work with psychology

**Internationally recognised degree**

With qualifications recognised pretty much anywhere in the world, Daniel landed a job in London as a paramedic.

Watch Daniel’s video now.
Law and justice
If you like these subjects you might like studying law and justice: accounting, business, economics, English, film, television and new media, history, languages, legal studies.

Careers: barrister, community corrections officer, corrective services officer, customs officer, government lawyer, government policy officer, information security specialist, in-house lawyer, intelligence officer, police officer, solicitor in a law firm, youth justice worker.

Science and engineering
If you like these subjects you might like studying science and engineering: aerospace systems, biology, business, chemistry, digital solutions, economics, engineering, geography, graphics, information technology, maths, physics.

Careers: aerospace engineer, biochemist, conservation officer, data analyst, environmental scientist, geologist, industrial chemist, physicist, roboticist, science communicator, security analyst, statistician.

### Law and justice

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR</th>
<th>Campus</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Justice</td>
<td>70.55</td>
<td>GP/EX</td>
<td>3</td>
<td>English</td>
</tr>
<tr>
<td>Law</td>
<td>89.00</td>
<td>GP/EX</td>
<td>4</td>
<td>English</td>
</tr>
</tbody>
</table>

**Justice** Learn about crime, social justice, human rights and equality to understand the way in which society defines, polices and punishes criminal behaviours. Career options include policing, customs, child and family services, corrective services, intelligence, insurance and banking investigation, community legal services and government policy or adviser roles.

**Law** Learn about contracts, torts, property law, evidence, constitutional law, equity and trusts, criminal law and corporate law. You can also take optional units in intellectual property, human rights, environment, family law, media law, health law, artificial intelligence, robots and the law, and other areas, or complete a minor in law, technology and innovation. Graduates work as legal practitioners, or in business, government and community organisations.

### Double degrees

**Justice** with business, digital media, human services, journalism, law, professional communication, psychology. **Law** with biomedical science, business, creative industries, creative writing, digital media, entertainment industries, film, screen and new media, industrial design, information technology, journalism, justice, property economics, psychology, science.

### Science and engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR</th>
<th>Campus</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical process</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Civil</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Computer and software systems</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Electrical</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Electrical and aerospace</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Mechanical</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Mechatronics</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Medical</td>
<td>81.85</td>
<td>GP</td>
<td>4</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Information technology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer science</td>
<td>76.50</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Games and interactive environments</td>
<td>76.50</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Information systems</td>
<td>76.50</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applied and computational mathematics</td>
<td>89.00</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Operations research</td>
<td>89.00</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Statistics</td>
<td>89.00</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological sciences</td>
<td>70.55</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Chemistry</td>
<td>70.55</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Earth science</td>
<td>70.55</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Environmental science</td>
<td>70.55</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Physics</td>
<td>70.55</td>
<td>GP</td>
<td>3</td>
<td>English, Mathematical Methods</td>
</tr>
<tr>
<td>Urban development</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction management</td>
<td>74.20</td>
<td>GP</td>
<td>4</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Property economics</td>
<td>74.20</td>
<td>GP</td>
<td>3</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Quantity surveying and cost engineering</td>
<td>74.20</td>
<td>GP</td>
<td>4</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Urban and regional planning</td>
<td>74.20</td>
<td>GP</td>
<td>4</td>
<td>English</td>
</tr>
</tbody>
</table>

For all assumed knowledge or prerequisite subjects:

- **English** = One of English, Literature, English and Literature, English as an Additional Language
- **Maths** = One of General Mathematics, Mathematical Methods, Specialist Mathematics

The ATAR shown is the lowest to receive an offer in the 18 January 2019 offer round inclusive of adjustments.

Campus: GP (Gardens Point), KG (Kelvin Grove), EX (external)

For more information see the online course information at qut.edu.au/study
**Engineering**

**Chemical process** Design, develop and optimise industrial processes to make products (such as oil, gas and minerals; plastics, food and beverages, paper; and chemicals) on which modern society depends.

**Civil** Plan, design, construct, operate and maintain structures and facilities ranging from roads and factories to railways and harbours.

**Computer and software systems** Create and modify software such as operating systems, applications software and communications software, as well as software for mobile phones, GPS, satellites and aircraft flight systems.

**Electrical** Design, research, develop, plan, manufacture and manage electrical systems and devices—ranging from heavy power generators to tiny computer chips.

**Electrical and aerospace** Design, develop and maintain the electronic systems of military and civilian aeroplanes, helicopters, spacecraft, satellites and uninhabited aerial vehicles (UAVs).

**Mechanical** Design, develop and maintain systems and machinery. You may be involved in commissioning a factory, selecting equipment, working in a design office, or managing people and systems in a manufacturing plant.

**Mechatronics** Design and maintain machinery with electronic and computer control systems, such as aircraft and power generators, for use in the fields of automated systems and robotics.

**Medical** Design, manufacture and maintain medical equipment, such as CT scanners or kidney dialysis machines, to improve healthcare and medical services.

**Double degrees** Engineering with architecture, business, industrial design, information technology, interaction design, landscape architecture, mathematics, science.

**Information technology**

**Computer science** Use hardware and software to design and build systems to solve complex problems. You will learn programming and software design, networking technologies and the architecture of different hardware systems.

**Games and interactive environments** Learn about the games and interactive media industries, from idea generation through to final product. Develop skills in visualisation, interaction and communication, graphics programming and game artificial intelligence.

**Information systems** Work with people to identify their needs and design solutions to meet these needs. You may design, develop and implement large database applications, or be involved with the purchase and implementation of packaged software.

**Double degrees** Games and interactive environments with business, mathematics, science Information technology with business, creative industries, digital media, engineering, interaction design, law, mathematics, science, secondary education.

**Mathematics**

**Applied and computational mathematics** Use mathematical modelling to distil complex real-world problems into abstract mathematical frameworks, and apply them to real-world scenarios in the fields of physical and chemical sciences, biology, engineering and social science.

**Operations research** Use mathematical modelling and algorithms to design, operate and predict behaviour of complex systems like machinery, materials and money in industry, business, finance, education, government and defence.

**Statistics** Apply mathematical and statistical theory, and use modern computing, to provide insights to data and reasoning around uncertainty, such as the development of new financial products, optimising transport schedules in today’s busy world or using data mining to help understand pandemic disease transmission.

**Double degrees** Mathematics with business, engineering, games and interactive environments, information technology, science.

**Science**

**Biological sciences** Work on problems to do with life and living things. How will we feed the world’s growing population in 2025? How can we save rare species from extinction? This course prepares you with studies in physiology, genetics, animal and plant sciences, and microbiology.

**Chemistry** Careers exist in most areas of science, technology, environment and industry including medicinal drugs, nanotechnology, water and air quality, and energy production. You may be employed as a lab supervisor, industrial, environmental or food chemist, or in police and forensics labs.

**Earth science** Study geology (the rocky parts of the Earth’s crust), physical geography (the Earth’s surface), oceanography and hydrology (the marine and freshwater parts of the Earth). Earth scientists are in high demand in oil, coal, gas and geothermal industries, mining and exploration, and environmental consulting organisations.

**Environmental science** Tackle problems such as local water quality and ecosystem impacts, soil erosion and adaptation to global climate change, and consult on the environmental impact of mining, tourism and urban development, and rehabilitation and reforestation of degraded sites.

**Physics** Learn about the laws, processes and properties of matter, energy, space and time. Specialise in mechanics, electromagnetism, laser and optics, medical physics, computational physics, nuclear and radiation physics, astronomy and astrophysics, thermodynamics, quantum mechanics and relativity.

**Double degrees** Science with business, engineering, games and interactive environments, information technology, journalism, landscape architecture, law, mathematics, professional communication.

**Urban development**

**Construction management** Coordinate large building projects such as apartments, hotels, factories, office blocks, schools and hospitals.

**Property economics** Work as a property valuer, investment analyst, development manager, or in real estate.

**Quantity surveying and cost engineering** Provide advice to the construction industry on the financial and legal aspects of new constructions and the operation of existing buildings.

**Urban and regional planning** Plan large-scale projects such as new cities, suburbs, ports, recreational and industrial areas and transport routes, using land and resources to meet the needs of communities.

**Double degrees** Construction management with architecture, interior architecture Property economics with architecture, business, interior architecture, law Urban and regional planning with landscape architecture.
Ask us

QUT staff are ready to help.

HiQ—how can we help you?
Live chat qut.edu.au/student-centres
24/7 answers ask.qut.edu.au
Email askqut@qut.edu.au
Phone 07 3138 2000

qut.edu.au

For your parents

Your parents want to help you with the big decisions in your life, like what you are going to do after school. Let them know they can get all the facts by subscribing to our updates for parents of high school students, talking to us at our parent information seminar or visiting our website for parents. They can find out more at qut.edu.au/parents

Visit us

QUT staff and students can answer your questions at the following events in 2019.

Regional Careers Markets
May–August
Throughout Queensland

Parent Information Seminar
8 May, 6–7.30pm
Gardens Point campus

Brisbane Careers and Employment Expo
24–25 May
9am–3pm Friday, 10am–4pm Saturday
Brisbane Convention and Exhibition Centre

TSXPO (Tertiary Studies Expo)
20–21 July, 10am–4pm
Brisbane Showgrounds

QUT Open Day
28 July, 9am–3pm
Gardens Point campus

Get Ready for QUT
26–27 September
Gardens Point and Kelvin Grove campuses

For more details visit qut.edu.au/study/events

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International students

This publication has been prepared for Australian students and those with permanent resident status, and is not suitable for international students. For course information for international students visit qut.edu.au/international

CRICOS No. 00213J

QUT is committed to sustainability. The paper used in A Quick Guide to QUT has the credentials:

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We acknowledge the Turrbal and Yugara people of the lands on which QUT now stands. Paying respect to their Elders, lores, customs and creation spirits. We recognise that these lands have always been places of learning and teaching.

We also recognise the important role all Aboriginal and Torres Strait Islander people play within the QUT community.