A quick guide to QUT
FOR STUDENTS IN YEARS 7-10
University is for everyone

You have many options available to you after school, and university is one of them. Read on to find out what you can expect if you choose to study at QUT.

Create your dream course
University is an opportunity to explore your interests. You might like to study a single degree, such as a Bachelor of Business (Marketing), where you will specialise in a single field of expertise. Many of our courses also give you the option to include other areas of interest through elective subjects. For example you could add subjects in advertising or design, or even a language to your degree. You could also choose to study a double degree, which means you’ll combine two single degrees and graduate with two qualifications, such as a Bachelor of Business (Marketing)/Bachelor of Biomedical Science.

Ready for your career
We’ll make sure you are fully prepared for your career. You will learn from teachers who are industry leaders, gain hands-on experience, connect with employers and experts in your field, and access career planning resources to launch your career.

Success at uni
We can provide you with the tools for success including entry programs, financial assistance and support—from personal counselling and IT support, through to academic workshops and disability services.

Indigenous Australian success
We are committed to supporting Australian Aboriginal and Torres Strait Islander people to reach their goals through higher education. The Oodgeroo Unit offers a culturally supportive admissions pathway, a pre-orientation program to help your transition, a leadership program and a range of other services.

Inner-city campuses
At QUT, you’ll be right in the middle of the action at our Gardens Point and Kelvin Grove campuses located in inner Brisbane, with easy access to public transport and accommodation, and on-campus facilities such as shops, gyms, cafés, food courts and our esports arena.

Study your way
Studying at uni doesn’t mean sitting in a classroom every day. There are lots of different learning activities and you can choose to study online, on campus or try a blended approach.

Get involved
Uni isn’t all about study. We have more than 120 clubs for you to join, as well as festivals, sport and campus events so it’s easy to meet people and make new friends. Develop your leadership and professional skills through QUT Entrepreneurship, workshops, volunteering and campus projects.

Go global
An international experience as part of your QUT degree is a once-in-a-lifetime opportunity. Study with a partner university for one or two semesters or undertake an intensive short-term program to boost your career opportunities, earn credit towards your QUT degree and create global connections.

QUT acknowledges the Turrbal and Yugara, as the First Nations owners of the lands where QUT now stands. We pay respect to their Elders, lores, customs and creation spirits. We recognise that these lands have always been places of teaching, research and learning. QUT acknowledges the important role Aboriginal and Torres Strait Islander people play within the QUT community.
Choose the right course for you

Embarking on the journey towards your future career, and considering whether you need to go to university to achieve it, is a big decision. It doesn’t have to be an overwhelming one though.

Consider what subjects you like at school or have enjoyed in the past. Also think about any hobbies or extracurricular activities, jobs or volunteering roles and what you like most about them. Explore the career options that interest you, talk to friends or acquaintances about their careers, and use Google to explore different roles.

What drives you?

Heart
You care about people’s wellbeing. That might mean working in a clinic and helping people directly, or working in a laboratory or in a management position, making sure everything runs smoothly. You might advocate for the rights of others, or help people through rehabilitation. Either way you enjoy taking on the challenges that physical and mental health issues present.

Possible careers: biochemist, biomedical engineer, corrections officer, dietitian, emergency responder, exercise physiologist, pharmacist, psychologist/counsellor, social worker.

Look at courses in our engineering, health, justice and science study areas.

Soul
Creativity is in your soul. If you have a love of design you may be drawn to fashion, architecture or the creation of new products. Following your expressive instincts could lead to a future as an artist or performer, or a career dedicated to seeing building projects come to life. There are so many ways to go and so many combinations of creative, hands-on and real-world courses for you to consider.

Possible careers: architect, artist, civil engineer, designer, events and festival manager, performer, producer, urban and regional planner, writer.

Look at courses in our architecture and built environment, communication, creative industries, design and engineering study areas.

Vision
You see what others often don’t. Sometimes that’s the big picture. Sometimes it’s the detail. You have a sharp mind and a passion for identifying what needs to be done and making it happen. You are a communicator and a negotiator. How you hone this talent is up to you.

Possible careers: business analyst, creative director, finance manager, human resources manager, journalist, lawyer, marketing strategist, police officer, project officer, teacher.

Look at courses in our architecture and built environment, business, communication, education, justice, law and mathematics study areas.

Mind
You’re a problem solver. Whether you prefer to be hands on or theoretical, you were definitely born at the right time. The digital revolution is opening the door to exciting opportunities in maths, engineering, technology and science. There is so much you can achieve inside and outside the lab, especially when creativity, ingenuity and research skills are brought into the mix.

Possible careers: biomedical scientist, computer programmer, data scientist, engineer, game developer, information security analyst, scientist, software engineer, statistician.

Look at courses in our engineering, health, IT, mathematics and science study areas.

Take the Match My Skills quiz to find your degree

Find out if you are a heart, soul, vision or mind, and get career options suited to you with our Match My Skills quiz.

Go online, answer some questions about your strengths, interests and what you are keen to learn. We’ll deliver a personalised list of careers and courses that are perfect for you, plus a few ideas on future proofing your career.

Take the quiz and find the course for you.
qu.edu.au/match-my-skills
A day in the life of Luke Gilbert
Law and psychology student

Morning I wake up at 8am, check my emails on my phone and scroll through TikTok. I make a coffee while planning the day ahead. At 9.30am I walk from my student accommodation in the city to Gardens Point campus for my 10am law tutorial. This week we are focusing on how certain clauses can allow clients to escape liability, using real-world problems as examples. Two hours later, I head to Merlo at Gardens Point campus with friends to review the tutorial and catch up about our weekends.

Afternoon My two-hour developmental psychology lecture starts at 1pm. At 3pm I am done for the day and have some time to recharge. I get into my gym gear and go for a run around the Botanic Gardens and along the Brisbane River while listening to some of my favourite music.

Evening Afterwards I’m ready to do some more study. Usually I spend this time reformulating my notes into a neater structure and going over my weekly readings for my law classes. After I’ve finished for the day, I get into bed and put on one of my favourite Netflix series, ready to get a good sleep for another study-filled day.

Getting into uni

ATAR and selection rank
For most courses at QUT, places are allocated based on your ATAR or selection rank. Use the tables on pages 4–19 as a guide to the ATAR you might need. Remember that course thresholds can change from year to year.

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. Some courses have prerequisite subjects that you must complete to gain entry. If your study plans change after you select your subjects for senior, you may be able to pick up the knowledge through a bridging course.

Get a boost for entry
QUT’s Year 12 Subject Scheme provides an ATAR adjustment for Specialist Mathematics, Physics, Languages other than English (LOTE), Engineering and Aerospace Systems, or for studying a university subject like START QUT while at school. This may help you gain entry to your course.

Pathways to QUT degrees
There are many different pathways to QUT. Our diplomas offer guaranteed entry to a number of related bachelor degrees if you don’t achieve the ATAR or selection rank to gain entry to your preferred degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Certificate in Nursing</td>
<td>65.00 KG</td>
<td>6 months F1P</td>
<td>English^</td>
<td></td>
</tr>
<tr>
<td>Diploma in Business</td>
<td>60.00 KG</td>
<td>8 months F1-2P</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Guaranteed entry to:</td>
<td>Bachelor of Nursing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diploma in Engineering</td>
<td>60.00 KG</td>
<td>8 months F1-2P</td>
<td>English, Maths</td>
<td></td>
</tr>
<tr>
<td>Guaranteed entry to:</td>
<td>Bachelor of Engineering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diploma in Entrepreneurship</td>
<td>60.00 KG</td>
<td>8 months F1-2P</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Guaranteed entry to:</td>
<td>Bachelor of Business</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Bachelor of Communication</td>
<td>Bachelor of Creative Industries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diploma in Esports</td>
<td>60.00 KG</td>
<td>8 months F1-2P</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Guaranteed entry to:</td>
<td>Bachelor of Business</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Bachelor of Communication</td>
<td>Bachelor of Information Technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diploma in Information Technology</td>
<td>60.00 KG</td>
<td>8 months F1-2P</td>
<td>English, Maths</td>
<td></td>
</tr>
<tr>
<td>Guaranteed entry to:</td>
<td>Bachelor of Information Technology</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.
Architecture and built environment

Bachelor of Architectural Design

Plan and design buildings with a focus on creating sustainable, healthier and more useable environments. Careers: architect, architectural historian, architectural writer/journalist, construction manager, set designer, sustainability design consultant.

Double degrees*

Architectural design with business, construction management and quantity surveying, engineering, interior design, landscape architecture, urban and regional planning.

Bachelor of Built Environment (Honours)

Construction management and quantity surveying

Learn how to coordinate and supervise the construction and maintenance of large and complex building projects.

Careers: construction manager, project manager, contract administrator, health and safety officer, cost planner, quantity surveyor.

Interior design

Consider the purpose, efficiency, comfort, safety and aesthetics of interior spaces. Design for large-scale projects such as hospitals or hotels, as well as retail, gallery and museum settings. Careers: interior designer, project manager, set designer, sustainability design consultant, theatre designer, visualisation expert.

Landscape architecture

Design and plan outdoor spaces including parks, botanic gardens, sporting complexes, and educational, commercial or residential sites. Careers: landscape architect, landscape planner, landscape technician.

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. Careers: policy officer, urban and regional planner, town planner, urban designer.

Double degrees*

Interior design with architectural design, business. Landscape architecture with architectural design. Construction management and quantity surveying with architectural design. Urban and regional planning with architectural design.

* These new double degrees will be available from 2024, subject to final university approval.

Alexandra Leaver

Construction management graduate

Multiplex

I would not be where I am today, fulfilling a dream of working at Multiplex on Queen’s Wharf Brisbane, without the resources and support I received from QUT. Queen’s Wharf is one of the largest construction projects in Brisbane and I am proud to be a part of such a significant project.

Course | 2023 ATAR/selection rank | Study location | Duration (years) | Assumed knowledge
---|---|---|---|---
Bachelor of Architectural Design | NEW | GP | 3F/6P | English
Bachelor of Built Environment (Honours) | NEW | GP | 4F/8P | English

Majors:

• Construction management and quantity surveying
• Interior design

• Landscape architecture
• Urban and regional planning

Our new architecture and built environment degrees will be offered from 2024, subject to final university approval. For footnotes and information about this table see page 18.
Business

Bachelor of Business

Accounting
Work with numbers, solve real-world problems and master complex global markets. **Careers:** auditor, chartered accountant, chief financial officer (CFO), financial manager.

Advertising
Develop skills in advertising, copywriting, media planning, account management, portfolio planning and campaigns. **Careers:** account executive, copywriter, media buyer, digital strategist.

Behavioural economics
Delve into the economic decision-making processes of individuals and institutions, and assist companies and government organisations to understand, predict and guide consumer behaviour. **Careers:** behavioural scientist, business strategist, data analyst, policy adviser.

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. **Careers:** business analyst, business consultant, private and public sector economist, public sector manager.

Entrepreneurship and innovation
Develop your entrepreneurial mindset and gain an understanding of modern business practices to help you identify and grow entrepreneurial opportunities. **Careers:** business owner, founder, general manager, innovation manager.

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

Financial planning
Help people and businesses to manage their financial affairs and meet their financial goals. **Careers:** financial adviser, financial planner, investment manager, wealth management consultant.

Human resource management
Study recruitment, selection, training and development, performance and compensation management. **Careers:** human resource manager, recruitment consultant, talent manager, 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. **Careers:** diplomat, export and import manager, international business specialist, trade negotiator.

Management
Develop skills in entrepreneurial thinking and strategic decision making. Learn how to manage teams, risk, projects and operations in changing environments. **Careers:** business development manager, business consultant, general manager, project manager.

Marketing
Learn how to create demand, generate value, and drive business growth through effective marketing strategies. **Careers:** account executive, brand/product manager, marketing manager, social media manager.

Public relations
Learn a variety of skills from communicating with different audiences and launching a social media campaign, to improving relationships with stakeholders and developing a government education campaign. **Careers:** crisis communication specialist, media adviser, public relations consultant, stakeholder engagement manager.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Majors: • Accounting • Behavioural economics • Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Finance • Financial planning • Marketing</td>
<td>70.00</td>
<td>GP/OL</td>
<td>3F/6P</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Majors: • Advertising • Management • Public relations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• International business • Entrepreneurship and innovation • Human resource management</td>
<td>70.00</td>
<td>GP/OL</td>
<td>3F/6P</td>
<td>English</td>
</tr>
<tr>
<td>Bachelor of Business (Dean’s Scholars), including all majors listed above</td>
<td>97.00</td>
<td>GP/OL</td>
<td>3F + 1FHonours year offered at GP only</td>
<td>Refer to the relevant major above.</td>
</tr>
<tr>
<td>Bachelor of Business—International with international study year, including all majors listed above</td>
<td>87.00</td>
<td>GP/OL</td>
<td>4F/8P</td>
<td>Refer to the relevant major above.</td>
</tr>
<tr>
<td>Bachelor of Property Economics</td>
<td>70.00</td>
<td>GP/OL</td>
<td>3F/6P</td>
<td>English, Maths</td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.
Double degrees
Business with architectural design*, animation, biomedical science, communication, creative industries, creative writing, data science, drama, engineering, fashion, film, screen and new media, games and interactive environments, human services, industrial design, information technology, interaction design, interior design*, justice, law, mathematics, property economics, psychology, science, visual arts, visual communication.

* These new double degrees will be available from 2024, subject to final university approval.

Bachelor of Business (Dean’s Scholars)
Study the three-year Bachelor of Business followed by an honours year. An honours degree signals to employers that you are someone with exceptional ability, motivation, and commitment to your field. Dean’s Scholars students are awarded a $20,000 scholarship.

Bachelor of Business—International
Combine 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 80 international partner institutions and possibly earn a second international degree as well.

Bachelor of Property Economics
Learn about the ownership, management, investment, valuation and development of a range of property types. Careers: asset manager, property developer, property investment analyst, property manager, property valuer.

Double degrees
Property economics with business, data science, law.

Karthik Gounder
Marketing and IT graduate
By combining business and IT, I have the practical understanding of business problems and the technical knowledge to solve them. I can communicate both the business problem and technical solution to every type of audience I need to, bringing stakeholders on board, aligning team members and ultimately getting the solution across the line.
Communication

Craft campaigns with a purpose
Create campaigns and use advertising and public relations to engage with employees, customers, communities and governments. **Careers:** account executive/manager, copywriter, corporate relations manager, events coordinator, marketing officer, media industry specialist, adviser, public relations officer/consultant.

Champion emerging media platforms
Graduate with specialist knowledge in communication and digital innovation to gain an understanding of the latest in communication tools and technologies. **Careers:** advertising and new media professional, audience researcher, digital communication specialist, digital content producer, marketing officer/manager, media industry specialist, adviser, media planner/buyer, media trader.

Master entertainment in the digital age
Learn to identify talent, develop pitches, negotiate contracts and evaluate the impact of new technologies in the entertainment and media industries. **Careers:** booking agent, creative entrepreneur, content producer, promoter, sales and distribution agent, social media entrepreneur, talent manager.

Tell important and impactful stories
Learn to prepare and present news across social, online, print and broadcast platforms and build your production skills with world class technology. **Careers:** digital content designer, digital content producer, foreign correspondent, journalist, media researcher, podcast host, presenter, producer, public relations officer/consultant, reporter, sports reporter.

Be a strategic communicator
Develop skills, knowledge and experience in professional writing, speech writing and organisational communication. **Careers:** chief digital officer, communication specialist, communication strategist, copywriter, corporate relations manager, corporate spokesperson, editor, health policy officer, ministerial policy adviser, producer, publicist, scriptwriter, social media manager.

Double degrees
**Communication** with business, data science, information technology, justice, law, nutrition science, public health, science.

We are designing a new Bachelor of Communication to launch in 2024. For the most up-to-date information on study areas visit [qut.edu.au/study/communication](http://qut.edu.au/study/communication).

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Communication</td>
<td>75.00 KG 3F English</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.

**Abbi Ryan**
Business and communication student
I found that my degree gives me the opportunity to use my creative side, while helping me to develop as a professional. I feel that it’s important to try and integrate your passions into everyday activities, and my degree choice allows me to do just that. My course is very practical and offers work integrated learning, so I can gain experience in the industry while completing my degree.
Creative industries

Bachelor of Creative Industries

Build a unique creative career that taps into your passions and aspirations. Combine different study areas to develop your creative niche and turn it into real employment and entrepreneurial opportunities.

Double degrees

Creative industries with business, data science, human services, information technology, law.

Bachelor of Fine Arts

Acting
Train to work as an actor in film, television and on stage both in Australia and internationally. Careers: actor, artist, casting director/agent, director/producer, festival director, film composer, playwright, scriptwriter, teacher, theatre director, web series producer, youth/community arts facilitator.

Animation
Develop practical skills in motion graphics, 3D graphics, drawing and real-time modelling for virtual environments. Careers: advertising professional, artist, computer game programmer/developer, film/television producer, media industry specialist, motion graphics designer, multimedia designer, post-production specialist, web designer.

Creative writing
Work on novels, short stories, creative non-fiction, youth writing, media writing, poetry, scriptwriting and editing. Careers: academic, advertising professional, copywriter, creative writer, digital content producer, journalist, publishing professional, writer.

Dance
Develop techniques in contemporary dance across genres. Careers: arts administrator, choreographer, dance journalist, dance studio owner, dance teacher, event and festival coordinator, festival director.

Drama
Learn how to direct, produce, teach and perform drama. Careers: actor, arts administrator, designer, director, drama teacher, event and festival coordinator, stage manager, theatre lighting, theatre professional.

Film, screen and new media
Develop skills in producing, writing, editing, sound, cinematography and directing. Careers: artist, director, film composer, film/television producer, lighting designer/technician, media producer, multimedia designer, post-production specialist, producer, scriptwriter, sound and music producer.

Music
Focus on producing or performing music in state-of-the-art live and recording studio environments. Careers: composer, conductor, DJ, educator, multimedia designer, music agent/manager, publisher, sampler, technologist, director, post-production specialist, recording engineer, songwriter, sound and music producer, sound/audio engineer.

Technical production
Study lighting, sound, stage and production management, and work on a variety of theatre productions and dance performances as part of your course. Careers: company manager, lighting designer/technician, production manager, sound designer, stage manager.

Visual arts
Practise art in the areas of video, photography, installation, performance, printmaking, drawing, sculpture and painting. Careers: artist, arts project manager, arts administrator, curator, media industry specialist, multimedia designer, visual arts teacher.

Double degrees


<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Creative Industries</td>
<td>70.00</td>
<td>KG/OL</td>
<td>3F/6P</td>
<td>English</td>
</tr>
<tr>
<td>Bachelor of Fine Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Majors:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acting</td>
<td>♦</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Animation</td>
<td>70.00</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Creative writing</td>
<td>70.00</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Dance</td>
<td>†</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Drama</td>
<td>70.00</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Film, screen and new media</td>
<td>70.00</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Music</td>
<td>†</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Technical production</td>
<td>70.00</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
<tr>
<td>Visual arts</td>
<td>†</td>
<td>KG</td>
<td>3F</td>
<td>English</td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.

Kevin Lyon

Film, screen and new media student

The biggest highlights of my degree so far have been my stunts internship and my minor in CGI. I'm thrilled to have had the opportunity to write, direct, produce, perform and edit a short story in motion capture and CGI.
Design

Fashion
Develop your design identity and learn about ethics and sustainability, industry practices and emerging digital technologies. Careers: fashion designer, fashion illustrator, fashion marketer, fashion professional, fashion retailer, fashion stylist, fashion writer, garment technologist, merchandiser, personal stylist, retail buyer.

Industrial design
Draw on technology, design and user knowledge to design hot new consumer devices, sustainable products and more efficient work systems. Careers: automotive designer, computer-aided designer, design strategist, interface designer, model designer, movie concept designer, service designer, sustainability design consultant, usability expert, visualisation expert.

Interaction design
Design for technology such as web and mobile apps, wearable fashion, health technology, user experience, smart home and virtual reality environments, robotics and more. Careers: interface designer, Internet of Things (IoT) designer, mobile app designer, robotics designer, usability expert, user experience designer, user researcher, visualisation expert, web designer.

Visual communication
Gain skills across traditional and interactive media forms in graphic design, typography, image making, information design, experience design, motion design, branding and interaction design. Careers: advertising and new media professional, art/creative director, digital content designer/producer, exhibition designer, experience designer, fashion illustrator, graphic designer, media producer, theatre designer.

Design—International
This course combines the three-year design degree with one year of international studies. You can choose to study any of the four design study areas.

Double degrees
Fashion with business. Industrial design with business, engineering, law. Interaction design with business, engineering, information technology. Visual communication with business.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Design</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Majors: Fashion</td>
<td>77.00</td>
<td>KG</td>
<td>3F/6P</td>
<td>English</td>
</tr>
<tr>
<td>Industrial design</td>
<td>70.00</td>
<td>KG</td>
<td>3F/6P</td>
<td>English</td>
</tr>
<tr>
<td>Interaction design</td>
<td>70.00</td>
<td>KG</td>
<td>3F/6P</td>
<td>English</td>
</tr>
<tr>
<td>Visual communication</td>
<td>70.00</td>
<td>KG</td>
<td>3F/6P</td>
<td>English</td>
</tr>
<tr>
<td>Bachelor of Design—International with international study year, including all majors listed above</td>
<td>87.00</td>
<td>KG</td>
<td>4F/8P</td>
<td>English</td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.

Darcy Gall
Interaction design and IT student
I’ve worked on touch-based soundboards, interactive web apps, detailed diagrammatic drawings, totems made of bamboo, augmented reality and now virtual reality. All of these projects have allowed me to gain a good understanding of core design principles. It’s been way more engaging than I could’ve imagined.
Education

Early childhood
Work as a teacher in early childhood education and care, kindergarten and Prep to Year 3.

Primary
Prepare to teach in the classrooms of today and the future 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 English, geography, health and physical education, history, mathematics and sciences.

Double degrees
Secondary with creative writing, dance, drama, film, screen and new media, mathematics, science, music, visual arts.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early childhood</td>
<td>71.00</td>
<td>KG/QL</td>
<td>3.5^2^-4F/8P</td>
<td>Prerequisites*: English, Maths and at least one science</td>
</tr>
<tr>
<td>Primary</td>
<td>71.00</td>
<td>KG/QL</td>
<td>3.5^2^-4F/8P</td>
<td>Prerequisites*: English, Maths and at least one science</td>
</tr>
<tr>
<td>Secondary</td>
<td>71.00</td>
<td>KG/GP/OL^a</td>
<td>3.5^2^-4F/8P</td>
<td>Prerequisites*: English, Maths</td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.

Grace Crow
Secondary education student
I think teaching will be a really rewarding career. I see teachers as the people who foster the great innovators, creators and mathematicians of the world, I can’t wait to be part of that.
Chemical and sustainable process engineering

Learn to harness the power of green technologies to engineer cleaner processes that create sustainable energy, materials, minerals, foods and consumer goods. **Careers:** chemical engineer, consulting engineer, factory manager, industrial engineer, operations engineer, process engineer, process technologist, production manager.

Civil engineering

In a world that’s rapidly changing, the need for civil engineers has never been greater. Learn how to plan, design and construct safe, economical and resilient infrastructure for our future. **Careers:** civil engineer, construction engineer, environmental engineer, geotechnical engineer, project manager, structural engineer, transport engineer, water engineer.

Computer and software systems engineering

Combine the principles of computer science with the rigour and problem-solving skills of engineering to design high quality and reliable computer and software systems.

**Careers:** computer systems engineer, cybersecurity engineer, software architect, software engineer.

Electrical engineering

Harness the potential of new and emerging technologies to design the electrical systems and devices of our future. **Careers:** aerospace avionics engineer, design engineer, electrical engineer, instrumentation engineer, vision systems engineer.

Electrical and aerospace engineering

Design and maintain the electrical systems of all types of aircraft. From faster and more fuel-efficient planes to new ways to make flying cheaper and safer, you’ll be at the forefront of the technologies that are changing the aviation industry. **Careers:** aerospace avionics engineer, design engineer, electrical engineer, instrumentation engineer, vision systems engineer.

Electrical and renewable power engineering

Understand the vital role renewable energy sources play and learn about how their availability, limitations and challenges is critical to engineering energy solutions. **Careers:** aerospace avionics engineer, design engineer, electrical engineer, energy analyst, environmental specialist, instrumentation engineer, renewable energy engineer, sustainability engineer, vision systems engineer.

Mechanical engineering

Keep pace with technology and contribute to a sustainable future for industry. Learn how to design, create, improve and maintain systems and machinery. **Careers:** mechanical engineer, mining engineer, project manager.

Mechatronics engineering

Combine mechanical and electrical engineering with computing to design smarter systems and machines that improve everyday life. **Careers:** communication and software development, instrumentation or maintenance engineer, robotics designer, robotics engineer.

Medical engineering

Integrate engineering principles with human physiology to design systems and equipment that improve the quality and effectiveness of health care. **Careers:** biomedical engineer, medical device designer, medical engineer.

Double degrees

Engineering with architectural design*, business, industrial design, information technology, interaction design, mathematics, science.

* Subject to final university approval.

Vertical double degree

Bachelor of Engineering (Honours) with a Master of Robotics and Artificial Intelligence.

Mary Colquhoun

Electrical engineering student

Being able to study a mix of different subjects in my first year at QUT allowed me to identify that I loved the concepts covered in electrical engineering and inspired me to follow that path. I have enjoyed having hands-on experience and being able to problem solve through innovative ideas to achieve the best results in my studies.
Lucas Ferreira
Former START QUT student
Current IT student

START QUT gave me the amazing opportunity to experience what it’s like to be a university student while still in high school. I was given the freedom to go to lectures and attend my classes on campus, which was a change from my usual school day. The START QUT program also allowed me to extend my high school studies and confirm computer science was the path for me.

START QUT
Test drive university and different study areas with the START QUT program. Study one or two QUT units alongside first-year uni students. Access all of QUT’s facilities and enjoy campus life.

When can I study?
You can study a unit in Year 11 in Semester 2 and/or Year 12 in Semester 1.

What can I study?
Choose from architecture and built environment, business, communication, creative industries, design, engineering, health, information technology, justice, law, mathematics and science.

Interested in STEM?
START QUT (STEM Intensive) is a two-week intensive study program where you can complete a STEM unit in the January summer holidays before commencing Year 12.

How do I apply?
Step 1: Get approval from your parent/guardian and school.
Step 2: Apply online when applications open.

Find out more about START QUT: qut.edu.au/startqut
Health

Behavioural science (psychology)
Psychologists use knowledge of human behaviour to treat individuals with mental disorders, relationship problems, learning difficulties, addiction and eating disorders. Careers: psychologist (after further study), or use the analytical, interpersonal and research skills for careers in health, education, human resources, market research, organisational development, policing, public health, human services and counselling.

Biomedical science
Study normal body function, investigate disease and injury, and develop new strategies to prevent and treat disease. Work on real biomedical problems throughout the course and learn in the laboratory from week one. Careers: biochemist, biomedical laboratory officer, biomedical science/health researcher, biotechnology scientist, cardiac and vascular scientist, laboratory assistant/technician, medical equipment sales, medicine (after further study), neurophysiologist, reproductive technician, respiratory scientist, sleep scientist.

Clinical exercise physiology
Work in hospitals and clinics developing rehabilitation programs for patients with injuries or chronic diseases such as diabetes and cardiovascular disease. Careers: cardiac scientist, exercise physiologist, exercise scientist, rehabilitation professional.

Health information management
Combine business and IT skills with knowledge of medical science to improve health services and make a difference to patient care. You will graduate with knowledge in management, medical terminology, clinical coding and digital health. Careers: clinical data manager, corporate health officer, eHealth project officer, health data and casemix analyst, health information manager, health policy officer, health privacy officer, health services manager, public health officer/program manager, risk manager.

Human services
Provide support to individuals, families and communities who are experiencing social or economic adversity. Careers: aged services worker, childcare professional, child protection officer, community corrections officer, community education officer, community health officer, community worker, counsellor, disability services worker, family services officer, human services practitioner, policy officer, youth worker.

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. Careers: radiographer in a hospital radiology department, private radiology practice or health department, or medical equipment sales.

Medical laboratory science
Perform tests on human and veterinary specimens including blood, bodily fluids, stool, urine and tissue biopsies to investigate disease. Learn in laboratories from your first semester. Careers: biochemist, cytologist, hospital scientist, medical scientist, microbiologist, molecular diagnostics, pathology scientist, research scientist.

Nursing
Learn to be a nurse in classrooms that look like hospitals. Practise nursing skills using real equipment and develop the confidence to treat patients in a range of scenarios and environments. You’ll complete more than 800 hours of placement during the course and learn from some of Australia’s most respected nurse academics and researchers. Careers: nurse in public and private hospitals, nursing homes, community health, hospital in the home, school health, pathology laboratories, alcohol and drug services, the armed forces.

Nutrition and dietetics
Study the science of food and nutrition and help people to improve diet, food preparation and menu planning to treat nutrition-related disease. Careers: dietitian, nutritionist and/or diettian in industries including health, food, research, government, non-government, university and corporate sectors.

Nutrition science
Provide advice on issues that affect communities and use expert knowledge to improve nutrition services. Careers: community health officer, community nutritionist, educator, nutritionist, public health officer.

Paramedic science
Learn how to help people in emergency situations. You’ll train alongside Queensland Ambulance Service (QAS) officers and emergency services providers like firefighters. Develop leadership skills and learn how to manage critical situations under pressure. Careers: paramedic with QAS or national and international agencies, complete further study to work as a critical care paramedic or in health service management, public health, or emergency or disaster management.

Pharmacy
Study how drugs interact with the human body and how they can be used safely for therapeutic purposes. Careers: community pharmacist, hospital pharmacist, research pharmacist, industrial pharmacist, academic pharmacist.

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. Careers: podiatrist, rehabilitation professional.

Public health
Improve the health of communities by working on projects to improve health education and promotion, policy development, risk management or disease prevention. Careers: administrator, community health officer, community worker, epidemiologist, government officer, health educator, health promotion officer, information officer, manager, policy officer, project manager, public health officer/program manager, research assistant.

Radiation therapy
Plan and deliver radiation treatment for cancer patients. We offer Queensland’s only university degree in radiation therapy. Careers: radiation therapist in both private and public facilities, as well as research opportunities.

Social work
Work in hospitals, mental health settings or other clinical environments to support individuals, families and communities experiencing hardship and anguish.
Careers: aged services worker, child protection officer, corrective services officer, disability worker, health policy officer, health services manager, social researcher, social worker, youth worker.

Sport and exercise science
Design and implement exercise and physical activity programs to improve health and fitness, analyse performance or prevent injury. Careers: corporate health officer, sports scientist, strength and conditioning coach, performance coach, performance analyst, wellness consultant.

Vision science (optometry)
Provide preventative care and treatments for eye disease and vision problems. You will examine, diagnose and treat real patients at the 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. Careers: optometrist in private practice and specialise in contact lens practice, paediatric vision, occupational health vision or low-vision care.

Double degrees

Abena Botwewood
Medical laboratory science student
Medical laboratory scientists test human and animal specimens to diagnose a disease or a mutation, or even find toxins or poisons. Some of the best moments I have had at QUT have been learning more about infectious diseases and immunity. Connecting the theory to the practical helped me to develop a deeper understanding of diseases and how the body works to defend the body against them.

Watch Abena’s video to find out more about her story.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Behavioural Science (Psychology)</td>
<td>75.00 KG</td>
<td>3F/6P</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Biomedical Science</td>
<td>70.00 GP</td>
<td>3F/6P</td>
<td>English, Math Method$^1$, and Chemistry or Biology</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Clinical Exercise Physiology</td>
<td>78.00 KG</td>
<td>4F</td>
<td>English, Math Method$^1$, and at least one of Chemistry, Physics, Biology</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Health Information Management</td>
<td>70.00 KG/OL</td>
<td>3F/6P</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Human Services</td>
<td>70.00 KG</td>
<td>3F/6P</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Medical Imaging (Honours)</td>
<td>99.50 GP</td>
<td>4F</td>
<td>English, Math Method$^1$, Physics</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Medical Laboratory Science</td>
<td>72.00 GP</td>
<td>4F/8P</td>
<td>English, Math Method$^1$, Chemistry</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nursing</td>
<td>84.00 KG</td>
<td>3F/6P</td>
<td>English$^2$</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nutrition and Dietetics (Honours)</td>
<td>93.00 KG</td>
<td>4F</td>
<td>English, Math Method$^1$, Chemistry</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nutrition Science</td>
<td>70.00 KG</td>
<td>3F</td>
<td>English, Math Method$^1$, Chemistry</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Paramedic Science</td>
<td>87.00 KG</td>
<td>3F</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Pharmacy (Honours)</td>
<td>76.00 GP</td>
<td>4F</td>
<td>English, Math Method$^1$, Chemistry</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Podiatry</td>
<td>81.00 KG</td>
<td>4F</td>
<td>English, Math Method$^1$, Chemistry</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Public Health</td>
<td>70.00 KG/OL</td>
<td>3F/6P</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Radiation Therapy</td>
<td>97.20 GP</td>
<td>4F</td>
<td>English, Math Method$^1$, Physics</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Social Work</td>
<td>70.00 KG</td>
<td>4F</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Sport and Exercise Science</td>
<td>70.00 KG</td>
<td>3F</td>
<td>English, Math Method$^1$, and at least one of Chemistry, Physics, Biology</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Vision Science with Master of Optometry</td>
<td>98.40 KG</td>
<td>5F</td>
<td>English, Chemistry, Math Method$^1$, Physics</td>
<td></td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.
Bachelor of Games and Interactive Environments

Animation
Develop animation skills including motion graphics, 3D modelling and animation, real-time 3D and character animation, as well as knowledge of the core principles, concepts and history of animation.
Careers: animator, computer game developer, computer-aided designer, digital content designer/producer, multimedia designer, sound designer, web designer.

Game design
Gain hands-on game design experience as well as knowledge of narrative, immersion, and theories of design to provide the skills necessary to create interesting and unique game worlds.
Careers: animator, computer-aided designer, digital content designer.

Software technologies
Learn the technological aspects of game development, graphics programming, games engine technology and development of artificial intelligence for games.
Careers: animator, computer game programmer, games developer, software engineer.

Double degrees
Games and interactive environments with business, mathematics, science.

Bachelor of 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.

Careers: mobile application developer, programmer, software developer, security analyst, systems analyst, UX designer.

Information systems
Work with people to identify their needs and design solutions to meet them. You may design, develop and implement large database applications, or be involved with the purchase and implementation of packaged software.
Careers: business analyst, business process analyst, consultant, enterprise architect, entrepreneur, IT project manager, solution architect, systems analyst.

Double degrees
Information technology with business, communication, creative industries, engineering, interaction design, law, mathematics, science.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Games and Interactive Environments</td>
<td>70.00 GP</td>
<td></td>
<td>3F/6P</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Majors: • Animation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Game design</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Software technologies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Information Technology</td>
<td>70.00 GP/OL</td>
<td></td>
<td>3F/6P</td>
<td>English, Maths</td>
</tr>
<tr>
<td>Majors: • Computer science</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Information systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Data Science</td>
<td>84.00 GP/OL</td>
<td></td>
<td>3F/6P</td>
<td>English, Math Methods or Specialist Maths</td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.

Kimberly Valenny
Computer science and interaction design graduate
Graduate front end developer, Deloitte Digital

My passion for equal opportunity in the tech industry began in high school, after looking around my IT class and noticing I was the only female. I went on to study a double degree and had the opportunity to further advocate for female representation in IT by taking on the role of president of the Women in Tech student club. Now a graduate front end developer, I credit my QUT ‘STEM tribe’ for arming me with the confidence and support to pave my own path in the industry.
Justice

Criminology and policing
Become a specialist in the field of criminal justice, criminology and police investigations. You can choose units in domestic and family violence, environmental criminology, sex crime, death investigation, crime in pop culture, drugs and intelligence, among others. Careers: ASIO, criminology, customs and border security, fraud and money laundering investigation, private intelligence, state and federal police investigations, workplace crime investigations.

Policy and politics
Learn policy analysis to make change to the legal and justice systems and to support and help the vulnerable. Careers: aid work, anti-discrimination, corrective services, customs and border security, diplomacy, disability and legal services, family services, immigration, policy advice, youth and family work.

Double degrees
Justice with business, communication, human services, law, psychology.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Justice</td>
<td>70.00</td>
<td>KG/OL</td>
<td>3F/6P</td>
<td>English</td>
</tr>
<tr>
<td>Majors:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Criminology and policing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Policy and politics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.

Law

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, environmental law, family law, media law, health law, artificial intelligence, robots and the law, and other areas, or complete a minor in law, technology and innovation. Careers: barrister, chief financial officer, corporate executive, crown law officer, digital economy lawyer, government officer, in-house counsel, lawyer, legal academic, legal risk manager, legal technology specialist, policy officer.

Double degrees
Law with biomedical science, business, communication, creative industries, creative writing, data science, film, screen and new media, industrial design, information technology, justice, property economics, psychology, science.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Laws (Honours)</td>
<td>87.00</td>
<td>GP/OL</td>
<td>4F/8P</td>
<td>English</td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.

Raziq Qasimi
Law and justice graduate
I am passionate about the law and the legal system. My double degree will enable me to make a positive difference in people’s lives by advocating for their rights and interests. I have witnessed a lot of suffering and injustice—I’m Hazara (a minority ethnic group in Afghanistan), so my ethnicity has been persecuted for a very long time. I want to use my studies to help make our world a better place.
Mathematics

Bachelor of Data Science

Become skilled in the evaluation and examination of data across a wide range of industries and be confident and capable to provide clear and meaningful insights. Learn the theory and the practical tools for data collection, storage, management, processing, analysis and visualisation. Careers: analytics consultant, biostatistician, business analyst, business strategist, data architect, data scientist, information analyst, performance analyst, predictive modeller, risk analyst.

Statistics

Apply mathematical and statistical theory, and use computing, to provide insights to data for the development of new financial products, optimisation of transport schedules in today's busy world or use data mining to help understand pandemic disease transmission. Careers: biostatistician, data analyst, data communications specialist, quantitative analyst, risk analyst, statistician.

Double degrees

Data science with business, communication, creative industries, law, property economics.

Bachelor of Mathematics

Applied and computational mathematics

Use mathematical modelling to translate complex problems into mathematical frameworks and apply them to scenarios in the fields of physical and chemical sciences, biology, engineering and social science. Careers: actuary, financial adviser, ICT administrator, mathematician, researcher, systems analyst.

Operations research

Use mathematical modelling and algorithms to design, operate and predict the behaviour of complex systems like machinery, materials and money in the fields of business, finance, education, government and defence. Careers: financial analyst, management scientist, mathematician, operations manager, risk manager, strategic planner.

Statistics

Apply mathematical and statistical theory, and use computing, to provide insights to data for the development of new financial products, optimisation of transport schedules in today's busy world or use data mining to help understand pandemic disease transmission. Careers: biostatistician, data analyst, data communications specialist, quantitative analyst, risk analyst, statistician.

Double degrees

Mathematics with biomedical science, business, engineering, games and interactive environments, information technology, science, secondary education.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Data Science</td>
<td>84.00</td>
<td>GP/OL</td>
<td>3F/6P</td>
<td>English, Math Methods or Specialist Maths</td>
</tr>
<tr>
<td>Bachelor of Mathematics</td>
<td>84.00</td>
<td>GP</td>
<td>3F/6P</td>
<td>English, Math Methods or Specialist Maths</td>
</tr>
</tbody>
</table>

Majors: • Applied and computational mathematics • Operations research

For footnotes and information about this table see below.

Samantha Ferrero

Mathematics student

There are endless incredible opportunities at your fingertips so why not make the most of it! I’ve attended multiple industry nights, where I’ve had the opportunity to network with industry. There is also the QUT Maths Society and the Women in Maths club, where you can meet like-minded people, attend workshops and be supported by older students.

Footnotes

The ATAR/selection rank shown is the lowest to receive an offer in the Semester 1, 2023 offer round inclusive of adjustments. Thresholds can change from year to year. Adjustment schemes may not apply to all courses.

QUT continually updates its courses. For the latest, in-depth course information visit qut.edu.au/study

♦ This course has additional entry requirements.
♦ For more information about prerequisites visit qut.edu.au/prerequisites
♦ For more information about the English requirements for nursing courses visit qut.edu.au/study
♦ Specialist Maths will also meet the assumed knowledge.

♦ Subject to final university approval, from 2024:
  • the Bachelor of Education will be available in a new 3.5 year accelerated mode (including summer semester)
  • the Bachelor of Education (Secondary) will have a new online offering.
  ♠ Subject to final university approval, in 2024 offers for this course will be based on ATAR/selection rank for the first time.

Study location

• GP = Gardens Point campus
• KG = Kelvin Grove campus
• OL = online

Duration

• F = full time
• P = part time

For assumed knowledge/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 Maths, Math Methods, Specialist Maths
• Science = one of Agricultural Science, Biology, Chemistry, Earth and Environmental Science, Marine Science, Physics, Psychology.

For interstate, TAFE or bridging course equivalent subjects visit qut.edu.au/assumed-knowledge
Science

Bachelor of Science

Biological sciences
Work on problems to do with life and living things. How will we feed the world’s growing population in the future? How can we save rare species from extinction? This course prepares you with studies in animal physiology, genetics, animal and plant sciences, and microbiology. Careers: biologist, biomedical laboratory officer, cytologist, forensic biologist, marine scientist, microbiologist, plant biotechnologist, population ecologist.

Chemistry
Develop a detailed understanding of analytical, inorganic, organic and physical chemistry, and focus on modern applications such as nanotechnology, analytical chemistry and spectroscopy. Careers: analytical chemist, biochemist, chemical technologist, chemist, forensic chemist, industrial chemist, laboratory technician, quality control analyst, research and development chemist.

Earth science
Study geology (the rocky parts of the Earth’s crust), physical geography (the Earth’s surface), and 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. Careers: coastal scientist, exploration geologist, geophysicist, geoscientist, hydrogeologist, mapping scientist, marine scientist, natural resource scientist.

Environmental science
Tackle problems such as local water quality and ecosystem impacts, soil erosion and adaptation to global climate change. Consult on the environmental impact of mining, tourism and urban development, and the rehabilitation and reforestation of degraded sites. Careers: agronomist, ecologist, environmental health officer, environmental planner, environmental impact officer, marine scientist, policy analyst/officer.

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. Careers: astrophysicist, geophysicist, inventor, laboratory assistant, medical physicist, meteorologist, nanotechnologist, physicist.

Double degrees
Science with business, communication, engineering, games and interactive environments, information technology, law, mathematics, secondary education.

Bachelor of Science Advanced (Honours)
This course is designed for high-achieving students with a passion for scientific enquiry. You’ll be immersed in real-world research from your first year with leading QUT researchers and projects. Careers: biotechnologist, climate scientist, data scientist, ecologist, environmental chemist, environmental manager, forensic scientist, laboratory manager, materials scientist, molecular geneticist, nanotechnologist, natural hazard modeller, physicist, oceanographer, regeneration consultant, researcher.

Rabecka Joseph
Advanced science student
I chose a Bachelor of Science Advanced (Honours) because I’m interested in pursuing a career in biological sciences research. I’ve found the practical lessons to be the most challenging part of the course so far, but also the most beneficial—I’ve made leaves glow and sniffed bones! It sounds arbitrary but it’s definitely an educational and insightful experience.

<table>
<thead>
<tr>
<th>Course</th>
<th>2023 ATAR/selection rank</th>
<th>Study location</th>
<th>Duration (years)</th>
<th>Assumed knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science</td>
<td>70.00 GP</td>
<td>3F/6P</td>
<td>English, Math Methods or Specialist Maths</td>
<td></td>
</tr>
<tr>
<td>Majors: Biological sciences</td>
<td>Environmental science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>Physics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Earth science</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science Advanced (Honours), including all majors listed above</td>
<td>90.00 GP</td>
<td>4F</td>
<td>Prerequisites*: English, Math Methods and specific science subject. Assumed knowledge: Specialist Maths and another relevant science. For details check the course information at qut.edu.au/study</td>
<td></td>
</tr>
</tbody>
</table>

For footnotes and information about this table see page 18.
Chat to our advisers

Our team of friendly advisers is ready to help you. Talk to us via phone, online chat, book a 30-minute appointment or visit us in person.

qut.edu.au/need-advice

Next steps

Match My Skills quiz
We’ve taken the stress out of finding a course that suits you. Go online to Match My Skills. Answer some questions about your strengths, interests and what you are keen to learn.

We’ll deliver a personalised list of careers and courses that are perfect for you, plus a few ideas on future proofing your career.

qut.edu.au/match-my-skills

Get a head start
Experience uni and explore study areas while you are in high school. With the START QUT program you can study university subjects in Years 11 and 12. There are no tuition fees and you can receive a QTAC selection rank adjustment.

qut.edu.au/startqut

Stay in touch to win!
Go into the draw to win an iPhone. Sign up to get personalised updates about study options, scholarships, key dates and events.

Information contained in this publication was correct at the time of publishing. The university reserves the right to amend any information and to cancel, change or relocate any course. For the latest course information visit qut.edu.au/study

QUT is committed to sustainability. The paper used in A Quick Guide to QUT 2024 has the credentials:

International students
This publication has been prepared for Australian students and those with permanent resident status. Some courses are not open to international students. To check the courses that are available for international student entry, or for more information about applying, visit qut.edu.au/international

TEQSA Provider ID PRV12079 Australian University CRICOS 00213J | © QUT 2023 25620