

HEALTH

A GUIDE TO UNDERGRADUATE STUDY 2021

Behavioural science (psychology)	Medical laboratory science	Podiatry
Biomedical science	Nursing	Public health
Clinical exercise physiology	Nutrition and dietetics	Radiation therapy
Health information management	Nutrition science	Social work
Human services	Paramedic science	Sport and exercise science
Medical imaging	Pharmacy	Vision science (optometry)



The real world of health care is a place of constant technological change. Advancements in medical and social robotics, telehealth, wearable technologies and patient information management are changing how, where and when health care is delivered, recorded and analysed.

They're allowing us to be more agile, but still keep the focus on the most important thing—people.

Health for a changing world

QUT health courses will expose you to these and more new ways of providing specialist health care and support services, and provide you with the skills to thrive in the real world. You will have access to industry leaders, and state-of-the-art simulation facilities and clinics where you can learn in a safe, controlled environment before building your workplace skills through practical placements.

Read on to see how we'll prepare you for the future of health care.




Take the quiz

If you are still considering your study options, take the Match My Skills quiz to find a future that matches your interests and skills.



The Queensland University of Technology (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 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.



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7 schools

in the Faculty of Health including biomedical sciences, clinical sciences, exercise and nutrition sciences, nursing, optometry and vision science, psychology and counselling, public health and social work



35+ course options

including undergraduate single degrees, graduate-entry degrees, honours degrees and double degrees



5 hands-on health clinics

that give you a real-world clinical education while offering quality patient care to the community for clinical exercise physiology, nutrition and dietetics, optometry, podiatry, psychology and counselling



Real-world learning

in our state-of-the-art clinical simulation centre, virtual environment training rooms, laboratories and gyms to build your skills and experience



1.5 million+ hours

of work integrated learning is completed by our students every year, treating real patients and engaging with industry professionals



200+ partner institutions

in 43 countries—take the opportunity to study at top international universities and gain credit towards your degree



50+ scholarships and awards

to relieve financial stress, recognise excellence and provide networking opportunities that can improve your employment prospects



World-class research

on topics across the healthcare spectrum, from injury prevention and cancer, to tissue repair and regeneration



A woman with blonde hair tied back, wearing a teal short-sleeved top, stands smiling in front of a large teal banner. The banner features the QUT Health Clinics logo and text. The background is a blurred indoor setting with warm lighting.

QUT Health Clinics

The Next Generation
of Healthcare



ADVANCED
FACILITIES

Mentoring the next generation

I am a clinical supervisor at the QUT optometry clinic, while also researching vision problems among Aboriginal and Torres Strait Islander children as part of my PhD. I am passionate about mentoring our future optometrists, guiding them towards a rewarding career, and challenging them to improve the standards of primary eye care in Australia. I enjoy training students on the use and interpretation of the optometry clinic's advanced diagnostic equipment which allows our patients to receive the highest quality care.

Rebecca Cox

Why study with us?

Our health courses include hands-on clinical and professional placements to give you the confidence and skills to be job ready.

Prepare for your career

Clinical skills and hands-on laboratory sessions start in your first semester for many courses. Our students completed more than 1.5 million hours of professional placement during 2019, treating real patients and engaging with industry professionals. Placement is your chance to get to work sooner, make industry connections and create immediate change in the lives of others.

Health professionals often work as part of a team and you will engage in team care practices across many health disciplines. This is a great way to learn about the complexity of patients and understand how knowledge from different areas of health can contribute to better health outcomes.

Go global, get connected

Health professionals are in demand worldwide. If you want a career making a difference overseas, QUT can take you there. In 2019, more than 300 health students travelled overseas, enjoying the chance to learn more about international healthcare systems.

QUT has exchange agreements with more than 200 partner institutions in 43 countries. You can study at top international universities and gain credit towards your degree, while boosting your career prospects and creating valuable contacts.

A community where real health matters

We proudly have a commitment to real change with curriculum and professional training that recognise local and international health challenges and support the development of ideas that improve everybody's health and wellbeing.

We are also committed to addressing challenges in the health of Aboriginal and Torres Strait Islander peoples through increased cultural awareness, curriculum that reflects Indigenous perspectives, and by increasing participation of Indigenous students and our cohort of Indigenous staff.

Support when you need it

You will have access to a range of free services within your course content and outside of class. These services will help you achieve your version of success and develop your personal mindset, professional identity and academic capabilities. Services include:

- language and learning support such as writing and assignment feedback, and study and presentation skills
- maths, science and IT support such as understanding course content, developing STEM skills and guidance with assessment items
- career management skills that put you in charge of your future and enable you to investigate career options while building your employability
- leadership and development such as attending workshops and conferences, and volunteering on campus to understand your leadership style, skills and strengths
- dedicated study spaces, tutors, cultural support and scholarships for Aboriginal and Torres Strait Islander students through the Oodgeroo Unit.

Learn from the best

You'll learn the latest knowledge in health care because our researchers teach into many of our degrees. They are internationally recognised for research that addresses global health challenges like cancer, childhood obesity, and drug and alcohol addiction, and they're passionate about delivering outcomes that can be taken from the lab into the community for the greatest impact on health. Couple this with established industry partnerships and you can be confident that you are learning relevant, up-to-date content.

Research with real-world impact

We have more than 1200 health researchers working on groundbreaking discoveries at major research facilities across Brisbane including:

- Kelvin Grove campus
 - Institute of Health and Biomedical Innovation
- The Princess Alexandra Hospital
 - Translational Research Institute
- The Prince Charles Hospital
 - Medical Engineering Research Facility

- Queensland Children's Hospital
 - Centre for Children's Health Research
- Royal Brisbane and Women's Hospital
 - Herston Imaging Research Facility
 - QIMR Berghofer Medical Research Institute
 - Centre for Palliative Care Research and Education
 - Centre for Clinical Nursing.

Get involved in research

Our Vacation Research Experience Scheme gives you the opportunity to work on a research project while you're an undergraduate student. It's your chance to contribute to a real project, learn more about careers in research, and work alongside leading researchers in world-class facilities.

Considering an honours pathway?

A number of our health degrees offer an honours pathway after the second year of study. You will be mentored by accomplished researchers and complete a research project that contributes to new knowledge. The program will develop your advanced analytical and problem-solving knowledge and technical skills, and will benefit your professional career or lead to research and further study.

Explore your entrepreneurial side

QUT Entrepreneurship inspires and amplifies opportunities for students to realise and develop their entrepreneurial capabilities through development programs and connecting them with the innovator community.

You don't have to wait until you graduate to develop your business or social enterprise—you can start it now at the QUT foundry. This is our student-centred entrepreneurship initiative; a place and community where students can find their tribe of entrepreneurial-minded thinkers from a vast array of experiences and skills. Visit qut.edu.au/entrepreneurship

Vibrant campuses

QUT health courses are delivered at our inner-city campuses at Gardens Point and Kelvin Grove, which are connected by a free shuttle bus. You'll have access to learning environments that feature leading industry equipment, virtual technology and simulation facilities, as well as vibrant student and community spaces.

Facilities vary on each campus and include:

- cafés and food courts
- cultural precincts, theatres and exhibition spaces
- childcare centres
- HiQ student services
- Oodgeroo Unit
- counselling and QUT medical centres
- computing labs
- libraries
- bookshops, general stores and retail outlets
- licensed bars
- fitness centres, swimming pools, sporting facilities and esports arena.

Visit qut.edu.au/campuses-and-facilities

New facilities

A number of new and refurbished facilities have opened at Kelvin Grove campus including a new state-of-the-art 120-seat wet lab in H Block for microbiology, immunology and basic molecular biology activities. There is also an expanded biomechanics laboratory, strength and conditioning gym, clinical rooms, and a refurbished functional anatomy lab in O Block. Our exercise physiology lab has also been doubled in size.

Q Block

Across its nine levels, Q Block at Gardens Point features industry-level laboratories and equipment, simulation and virtual technology, and informal spaces for collaboration and group learning.

Students from medical sciences, medical radiation, pharmacy and other scientific disciplines learn together in this multimillion-dollar facility that is considered to be at the forefront of laboratory teaching globally.



Clinical Simulation Centre

QUT Health Clinics

Students have the opportunity to work with real patients under the supervision of professionals at QUT Health Clinics, located at Kelvin Grove, in the areas of clinical exercise physiology, nutrition and dietetics, optometry, podiatry and psychology and counselling. This clinical experience is an opportunity to treat patients across a variety of social and cultural groups, ages and conditions.



Esports arena



Strength and conditioning gym



Q Block labs

Clinical Simulation Centre

The Clinical Simulation Centre at Kelvin Grove uses technology and equipment to simulate real-world experiences. Students train in hospital rooms, life-sized ambulance simulators, and multi-casualty sites that imitate a building collapse, car accident or explosion. They use industry equipment to treat manikins that offer a realistic patient experience with light-sensitive pupils, bodily fluid excretion, visible breathing, and tolerance to injections and infusions.

Sports field

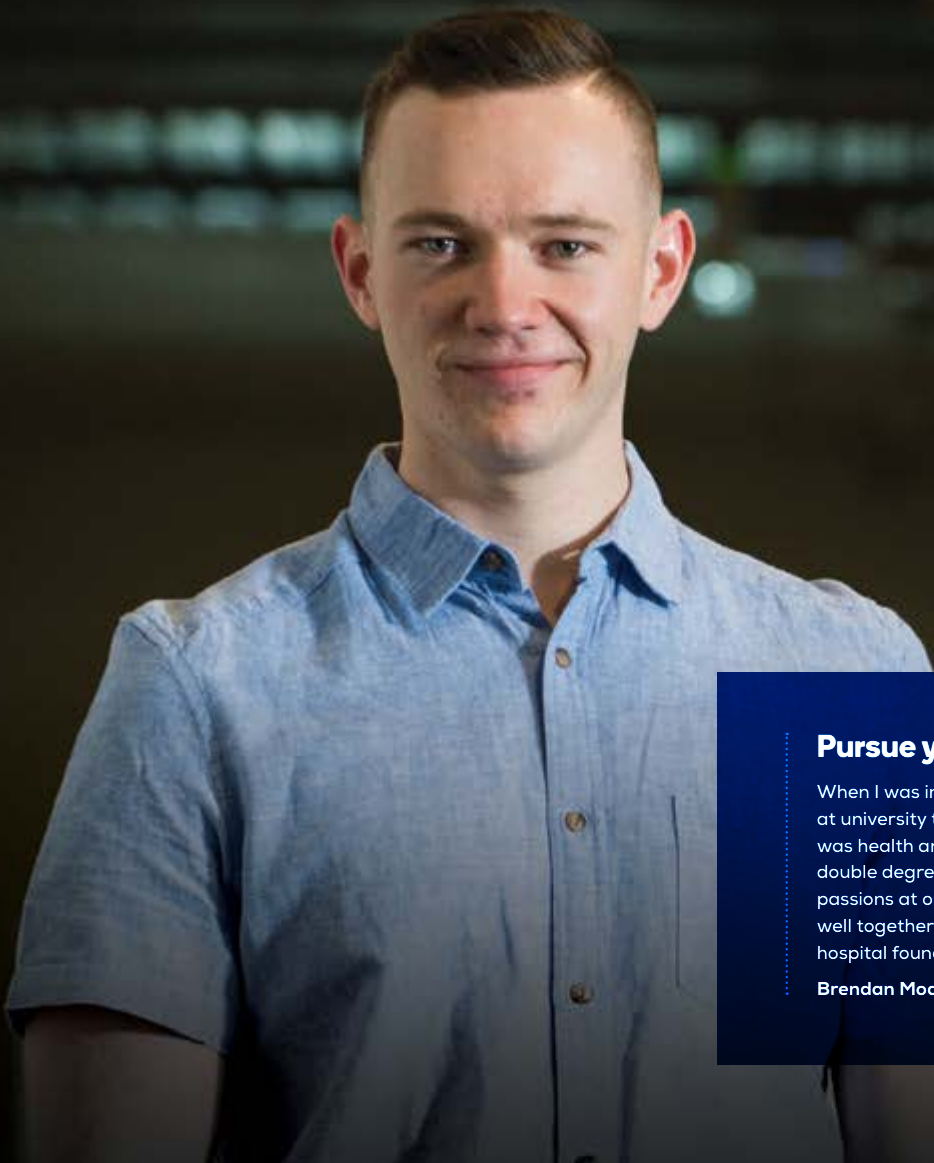
Our soccer and sports field is a state-of-the-art complex with a LigaTurf® Football Field, Spartan® Athletics Track, seminar room and associated amenities. The surfaces are line-marked for soccer, touch football and a four-lane 80m running track. The facility provides a venue for student recreational sporting activities and Faculty of Health teaching and learning.



Sports field



Multi-casualty site—Clinical Simulation Centre



Pursue your passions

When I was in high school I was encouraged to study something at university that I was good at and that I enjoyed. For me, that was health and communication. Thankfully, I discovered the double degrees that QUT offered. I loved that I could study my two passions at once. The combination of the two courses worked so well together and I believe this helped me land a great job with a hospital foundation when I graduated.

Brendan Modini

Double your career options

A double degree combines two bachelor degrees into a single course of study that allows you to specialise in two fields and pursue different interest areas.

By studying a double degree you will:

- complete your studies in less time than two single degrees, saving you time and money
- have a broader range of skills and knowledge, giving you a competitive advantage and greater career flexibility
- benefit from greater variety in your study
- build networks in two professional areas.

You will graduate with similar knowledge, skills and qualifications as graduates of each of the single degrees. When you graduate you can work in either discipline area or a field that combines both areas, giving you more options in your career.

How does it work?

Most double degrees only take a year longer to complete than a single degree.

As you will be studying over two discipline areas you may need to adapt to different expectations, processes and assessment requirements for each area.

Many students choose double degrees that have classes at both Gardens Point and Kelvin Grove campuses. A free shuttle bus running between these campuses leaves every 10 minutes during semester.

How to apply

You apply for a double degree the same way as you would apply for a single degree. Each double degree has its own QTAC code. See page 46 for advice about applying.

Health double degrees

Combine a degree in	with a degree in	Career opportunities
Biomedical science	Business	Develop your career in a drug regulation, compliance or policy development role in government, as an analyst for venture capital and investment banks, consultant to innovation commercialisation companies, or in the research sector.
	Law	Work as a solicitor, barrister, in-house counsel, or lawyer to government health departments, the pharmaceutical industry or drug commercialisation companies.
	Mathematics	Graduate with the ability to collect, collate and analyse data; build and interpret mathematical models that reveal new insights into patient treatment regimens; and develop new models of care that optimise the quality and efficiency of health care.
Human services	Business	Combine your skills for roles in staff recruitment and management, promotion of government and non-government programs and services for community, or the development of contracts and tenders.
	Creative industries	Work in roles that encourage the use of creative disciplines to support individuals and communities who are experiencing social or economic adversity including youth or disability arts, rehabilitation in corrective services, or community and cultural development.
	Justice	Work in the areas of policy development, child and family services, Indigenous community work, customs services, court administrative services, non-policy enforcement agencies, or criminology research.
	Public health	Develop and deliver support programs in government health and human services departments, non-government organisations, community and advocacy groups, and not-for-profit organisations.
Nursing	Paramedic science	Pursue a challenging career as a registered nurse and/or ambulance paramedic.
	Psychology	Combine your skills and knowledge for a career as a nurse in a range of areas including emergency, mental health, palliative care or cancer departments.
	Public health	Develop your nursing career in clinical environments or non-clinical roles with a focus on public health areas such as Indigenous health, community health, risk factors for illness, or implementing new policies and programs to improve population health.
Nutrition science	Professional communication	Use your combined skills to promote healthy lifestyle choices and prevent diet-related disease through mass communication. Graduate employment options include working as a health communications specialist, health and nutrition writer, nutritional health promotion officer and educator, or in nutritional product promotion or marketing.
Paramedic science	See nursing	
Psychology	Business	Combine your psychology and business skills for a career as a market researcher, organisational change manager, human resources manager, or training and development consultant.
	Justice	Work in policy development, criminal justice institutions, rehabilitation and family services.
	Law	Pursue a career as a lawyer or psychologist in legal, corporate, government and clinical health environments, in the development of mental health legal policies, and in research in the legal-psychological domain.
	Social work	Development and delivery of community services, counselling and family-centred intervention, mental health services, drug and alcohol prevention and intervention, or disability services.
	See also nursing	
Public health	Professional communication	With your public health and communication knowledge, you can implement strategies that help define and shape public health policy including effectively communicating healthy lifestyle choices or preventing the spread of disease. This course will allow you to work as a health communications specialist, print and online editor, or in health products promotion and marketing.
	See also human services and nursing	
Social work	See psychology	

BACHELOR OF

Behavioural Science (Psychology)

2020 selection rank (including adjustments) 77.00 | QTAC code 425081 | Campus Kelvin Grove

Duration 3 years full time, 6 years part time[□] | Assumed knowledge English | Offer guarantee 93.00 | Entry February and July

Registered psychologists use scientific knowledge of human behaviour to assist individuals who are experiencing mental disorders, relationship problems, learning difficulties, addiction and eating disorders, among other things. Psychology graduates also use their knowledge of human behaviour to work in a range of fields, including health promotion, human resources, coaching or community services.

Why choose psychology at QUT?

This course is the first step towards a career as a registered psychologist, and provides an excellent foundation for other careers where understanding human physical and emotional behaviour is important.

Flexibility for your career

You can choose from a wide selection of electives, study a minor or even a double degree with a complementary area. This gives you the opportunity to build your knowledge in areas of specific interest and emerging areas of employment, and gain a competitive edge in the workplace.

The course includes elective units in areas such as organisational psychology, alcohol and drug studies, forensic psychology and the law, family therapy and community psychology. Units can also be taken from other areas in the university, including science, criminology, creative industries and business, and can be combined to create a minor in another discipline.

You may complete a placement in a professional environment that aligns with your career goals. There are opportunities to complete this placement in Australia or overseas.

You'll be taught by staff who are recognised for excellence in teaching and research. Many are researchers in areas such as mental health and wellbeing interventions, alcohol and substance abuse therapies, community psychology (including refugees and migrants), road safety, and building resilience in children and teens.

Career outcomes

Psychologists may work in a specific area of psychology such as cognition, neuroscience, or social and developmental behaviour, or use their knowledge in fields such as education, human resources, market research, organisational development, policing and counselling. Graduates also work as researchers to improve our understanding about how people think, feel and react to situations, and to develop new strategies to improve psychological functioning.

To pursue a career as a registered psychologist you must be registered with the Psychology Board of Australia. Currently this involves a fourth year of study in psychology plus two years of supervised work experience* or two years of further study. Please refer to the table (on page 11) for more information.

Professional recognition

The Bachelor of Behavioural Science (Psychology) is accredited by the Australian Psychology Accreditation Council (APAC) as providing a three-year undergraduate level of training in psychology.

Mid-year entry

You can commence this course in February or July, giving you the flexibility to start studying sooner.

- business
- justice
- law
- nursing
- social work



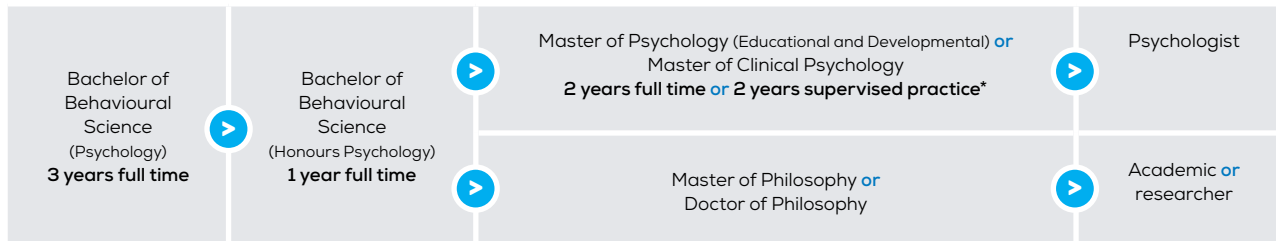
For more information see pages 8-9.

* At the time of publication, two years of supervised practice approved by the Psychology Board of Australia may be undertaken as an alternative to the two-year masters program.

□ Evening only classes are not available.

The selection rank is a good indication of the equivalent ATAR. For more detail about this course and entry requirements, see pages 46-49 or visit qut.edu.au/study

Pathways in psychology studies



Your course

Year 1	Year 2	Year 3
<ul style="list-style-type: none"> • Foundation psychology • Communication for health professionals • Health needs of Aboriginal and Torres Strait Islander Australians • Psychological research methods • The mind and the brain • Counselling theory and practice 1 • Elective x 2 	<ul style="list-style-type: none"> • Social and organisational psychology • Research design and data analysis • Psychology elective • Perception and cognition • Developmental psychology • Electives x 3 	<ul style="list-style-type: none"> • Advanced topics in neuropsychology • Behavioural science and contemporary challenges • Individual differences and assessment • Psychology elective • Psychopathology • Advanced statistical analysis or psychology elective • Elective • Psychology elective



Double degree opportunities

I'm particularly interested in the intersection of law, justice and psychology. My psychology studies complement my work at courts and domestic violence advice clinics, where I provide support services to clients. The science and law sides of my studies are refreshingly different. I'm taught different sets of skills and different ways of approaching problems, which has proven useful across my studies and will give me a competitive edge over other applicants when applying for graduate positions.

Rebecca Nguyen Le

BACHELOR OF Biomedical Science

2020 selection rank (including adjustments) 75.00 | QTAC code 418401 | Campus Gardens Point

Duration 3 years full time, 6 years part time² | Assumed knowledge English, Math Methods, Chemistry, Biology

Offer guarantee 93.00 | Entry February

Biomedical scientists study how the body works, investigate how disease or injury interferes with normal function, and develop new treatment strategies that help restore function. Skilled in using a variety of cutting-edge technologies, biomedical scientists have been responsible for major health advances including the development of vaccines, antibiotics and stem cell therapies.

Why choose biomedical science at QUT?

You will have a high degree of course flexibility with the option to select a major and two minor areas of study that align with your interests, and prepare you for areas of emerging priority and employment. You may also complete studies in complementary areas from across the university including behavioural science, public health, languages, journalism, law and business.

The course has very large practical focus; you will be in the laboratory from week one and working on real biomedical and scientific problems throughout the course.

You will learn from leading researchers from the Institute of Health and Biomedical Innovation, the Translational Research Institute and partner research facilities at major Brisbane hospitals. QUT researchers have made groundbreaking discoveries in cancer biology, infectious diseases, tissue engineering and vaccine development.

Throughout the course, you will have the opportunity to develop industry-relevant practical skills and use cutting-edge technology in modern and well-equipped laboratories.

Workplace learning

You will have the opportunity to gain work experience through a specialised work placement in an industry, clinical or research-oriented workplace.

Career outcomes

Our graduates are employed locally, nationally and overseas and work for research institutes, universities, hospitals and biotechnology companies. There are increasing opportunities in consultancy, science journalism and companies involved in the development and marketing of new diagnostic and treatment products.

This course also provides a solid grounding for you to pursue postgraduate study in medicine and other health disciplines.

Professional recognition

You may be eligible for membership of one or more professional organisations. Visit the online course information at qut.edu.au/study

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Course flexibility

Our flexible course design (opposite) means you can shape your course to suit your interests and career aspirations. Choose your major area of study from the following list.

Major Study Area A

Anatomical sciences

Build practical skills in histology, dissection, medical image interpretation and organ identification. Examine real examples from QUT's extensive skeletal collection, film library, pathology museum and human donor material.

Cell and molecular biotechnology

Study the cellular and molecular mechanisms that operate in normal and diseased tissues. Undertake laboratory research projects in cancer biology, tissue engineering, human stem cells and systems biology.

Human biochemistry

Study the structure, function and properties of biomolecules and the molecular machinery that regulates the everyday workings of healthy cells and tissues, the molecular basis of diseases, and how diagnostic technologies and treatment strategies impact on biochemical processes in the cellular context.

Human physiology

Knowledge about the human body and how its systems work to maintain our health is essential to understanding the basis of disease, diagnostic technologies and treatments. Design and undertake a laboratory-based research project in human physiology.

Infection and immunity

Develop knowledge and understanding of infectious disease agents (bacteria, viruses, yeasts, fungi and parasites) and how they cause human disease, together with cutting-edge strategies of diagnosis, treatment, control and prevention.

- business
- law
- mathematics

For more information see pages 8-9.



² Evening only classes are not available.

The selection rank is a good indication of the equivalent ATAR. For more detail about this course and entry requirements, see pages 46-49 or visit qut.edu.au/study



Reputation matters

QUT was my first choice for biomedical science because of its practical reputation, flexibility, and choices within the course. I already had a background in nutrition science, but working in the biochemistry field during my final years sparked an interest and motivated me to change the direction of my career. The emphasis on hands-on experience and the amount of time spent in the laboratories was by far the most enjoyable and beneficial part of studying at QUT.

Stephen Berry

Your course

Year 1 8 core units		Year 2 Major, minor and elective units		Year 3 Major and minor units	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
Human cell and molecular biology	Principles of human physiology	Major	Major	Major	Major
Human systematic anatomy	Genes, genomes and genetics	Elective 1	Elective 2	Major	Major
Foundations of biochemistry	Principles of infection and immunity	Minor 1	Minor 1	Minor 1	Minor 1
Biomedical skills 1	Quantitative skills for health scientists	Minor 2	Minor 2	Minor 2	Minor 2

Your course consists of:

- major: choose one from Study Area A list. Study six units and develop deeper level expertise in your chosen area
- minors: choose two biomedical minors from Study Area B list, or choose one from Study Area B list and one from a wide range of complementary areas including engineering, law, health and business
- electives: choose two additional biomedical units or electives from entrepreneurship, marketing, behavioural science, nutrition and physical activity, criminology and policing, journalism, or Indigenous Knowledges.

Study Area B

- Anatomical sciences
- Cell and molecular biotechnology
- Clinical physiology
- Human biochemistry
- Human physiology
- Infection and immunity

Clinical Exercise Physiology

2020 selection rank (including adjustments) 82.00 | QTAC code 425422 | Campus Kelvin Grove | Duration 4 years full time
 Assumed knowledge English, Math Methods and at least one of Chemistry, Physics, Biology | Offer guarantee 93.00 | Entry February

Clinical exercise physiologists have expert knowledge about how exercise can improve health and fitness or reduce the onset of chronic disease and its symptoms. They develop rehabilitation programs for patients with chronic conditions such as diabetes, arthritis and cardiovascular disease, and also provide injury prevention and exercise programming advice.

Why choose clinical exercise physiology at QUT?

You will be taught by experts who have industry experience that spans hospitals, private practice and research.

You will develop high-level clinical knowledge and skills to effectively assess, prescribe and deliver exercise programs to help clients. Develop confidence with equipment and techniques used across the industry in our biomechanics, motor control, strength conditioning and clinical skills laboratories and consultation rooms on campus.

Under the supervision of accredited professionals, you will apply your knowledge and practise patient care skills to deliver services in:

- exercise-based rehabilitation and advice for clients with an acute injury or after surgery
- exercise programs for those at risk of, or those with, existing chronic conditions and medical conditions
- personal exercise programs and fitness assessments for the local community.

Honours pathway

This course offers an honours pathway at the end of the second year. You will complete an honours research project that extends your knowledge of the professional field, offering a competitive advantage in your career.

Career outcomes

Graduates often work in hospitals and clinics in prevention and rehabilitation of patients with injuries and chronic disease. They may also work in private practice and as specialists in clinical diagnostics, exercise programming and health promotion.

Professional recognition

This new course is provisionally accredited with Exercise and Sports Science Australia (ESSA). QUT will seek full accreditation with ESSA during 2020 to give graduates professional recognition as an accredited exercise physiologist.

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Professional placement

Graduate industry ready with 500 hours of professional placement during this course at QUT Health Clinics and external locations including hospitals, local government and private health providers.

Your course

Year 1

- Foundational practice in exercise science
- Principles of coaching and instructional practice
- Sport and exercise across the lifespan
- Anatomy
- Food and nutrition
- Exercise psychology
- Physiology
- Physical activity and health

Year 2

- Exercise physiology
- Functional anatomy
- Evidence-based practice in exercise science
- Skill acquisition
- Motor control
- Biomechanics
- Exercise conditioning
- Resistance training

Year 3

- Exercise and sports nutrition
- Sports injury prevention and rehabilitation
- Oncology and mental health disorders
- Disease processes
- Cardiorespiratory, metabolic and renal disorders
- Musculoskeletal, neurological and occupational disorders
- Clinical skills for exercise physiologists
- Clinical exercise physiology practicum A

Year 4

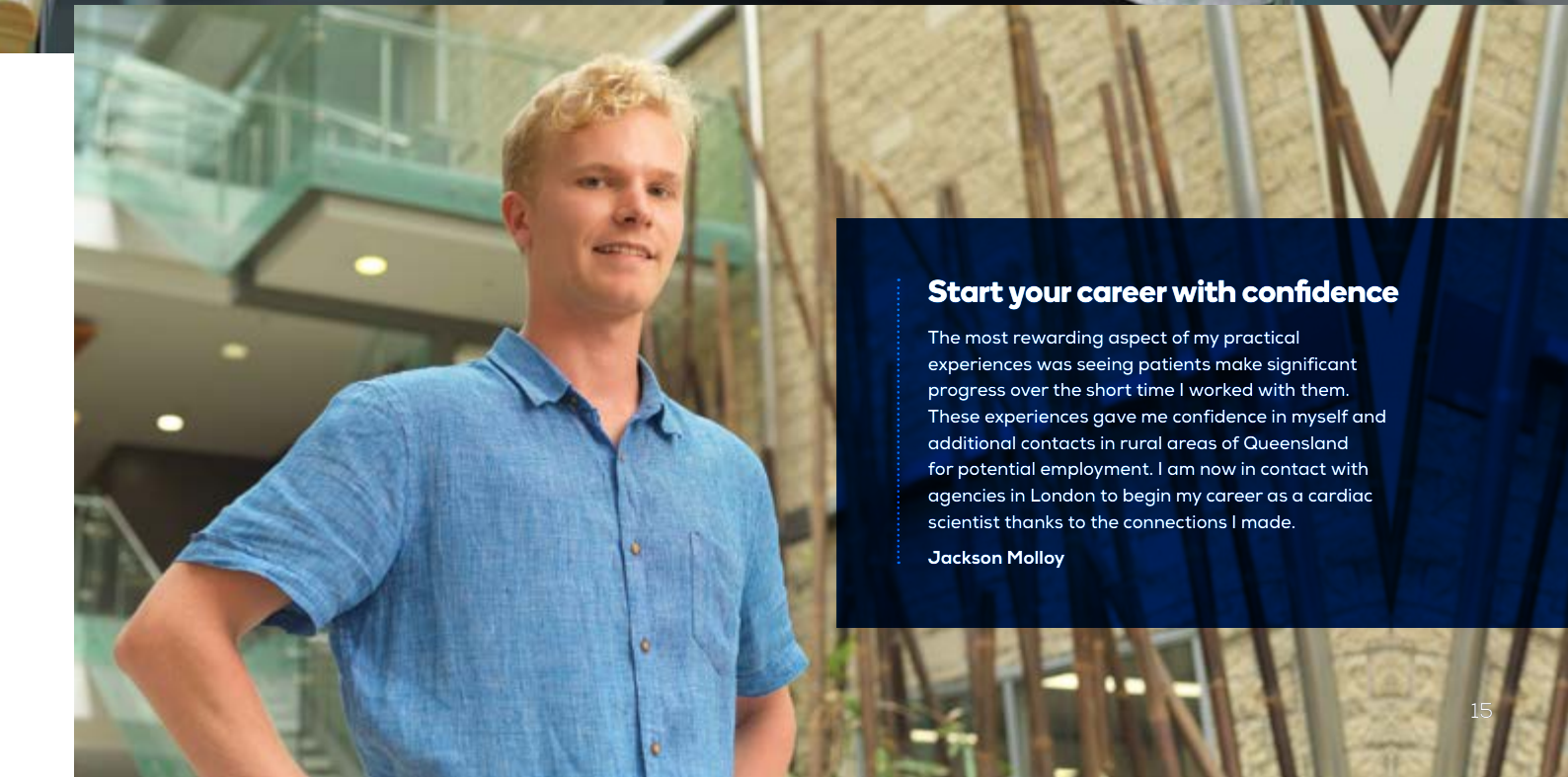
- Clinical exercise for musculoskeletal and neurological disorders
- Clinical exercise for cardiorespiratory, renal and metabolic disorders
- Clinical exercise physiology practicum B
- Clinical exercise physiology professional practice
- Clinical exercise physiology practicum C
- Clinical exercise physiology business practice



Gain the experience you need

Clinical exercise physiology relies heavily on the practical application of knowledge, so I found the experience at both the QUT Health Clinics and my external practicum sites invaluable. These experiences drew on three years of theoretical learning and in my final year I was confident consulting one-on-one with patients, performing blood pressure readings, blood glucose tests, and musculoskeletal and cardiovascular assessments. Having this exposure at the QUT Health Clinics meant I was well equipped to handle complex patient cases at external placement sites.

Clare Dal Bon



Start your career with confidence

The most rewarding aspect of my practical experiences was seeing patients make significant progress over the short time I worked with them. These experiences gave me confidence in myself and additional contacts in rural areas of Queensland for potential employment. I am now in contact with agencies in London to begin my career as a cardiac scientist thanks to the connections I made.

Jackson Molloy



Make a difference your way

I love that I'm able to improve the delivery of healthcare services from behind the scenes. The QUT staff had really strong industry connections that helped me secure my first job as a student health information manager and then my full-time employment at Ipswich Hospital.

Danica Jong

BACHELOR OF

Health Information Management

2020 selection rank (including adjustments) 72.00 | QTAC code 425391 | Campus Kelvin Grove

Duration 3 years full time, 6 years part time² | Assumed knowledge English | Offer guarantee 87.00 | Entry February

Health information management combines the clinical and business aspects of health. Health information managers work behind the scenes to collect, manage and report health data to support the clinical care of patients and also to contribute to the management of health services. Through studies in digital health informatics, management, data analytics and clinical information about diseases and procedures, health information managers have a wide variety of career opportunities across the health sector.

Why choose health information management at QUT?

Employment opportunities in this growing field are excellent. QUT offers the only health information management course in Queensland. Our course has been designed to respond to key health challenges in the information age, including investments in eHealth systems and electronic records, management of information requirements across the spectrum of health care and increasing use of evidence for decision making. You will learn the latest methodologies and graduate with knowledge in business, information technology and health.

Real experience

You'll visit professionals working in hospitals, government agencies and not-for-profit organisations, providing opportunities to network and an insight into the diversity of roles. Industry placements in second and third year prepare you for your transition to the workplace.

Career outcomes

Graduates are employed, both here and overseas, in hospitals and other health facilities, government health departments, health computing/software development firms, health insurance companies, health research centres, the pharmaceutical industry, statistical agencies, international aid agencies and non-government organisations.

You may work in a specialist position as a clinical data manager, clinical coder/coding auditor/coding educator, clinical governance and risk management officer, clinical documentation specialist, electronic health record application analyst, database administrator, business analyst, or health privacy officer.

Professional recognition

This course is accredited by the Health Information Management Association of Australia. Graduates are eligible for full membership.

Course requirements

There are extra costs and additional requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Advanced standing

Applicants who have successfully completed a degree in a health science or IT-related field may be eligible for up to one year of advanced standing (credit for prior learning).

Your course

Year 1

- IT systems design
- Medical terminology, anatomy and physiology
- Foundations of health information management
- Australian health care systems
- Management
- Introduction to clinical classification
- Communication for health professionals
- Introduction to health informatics

Year 2

- Database management
- Business requirements analysis
- Advanced clinical classification
- Introduction to epidemiology
- Resourcing and managing health budgets
- Quality management in health
- Statistical methods in health
- Information systems lifecycle management

Year 3

- eHealth concepts
- Health information management
- Casemix and activity-based funding
- Contract/project management
- Transition to professional health information management practice
- Integrated health information management practice
- Practical clinical classification

² Evening only classes are not available.

BACHELOR OF Human Services

2020 selection rank (including adjustments) 70.00 | QTAC code 425071 | Campus Kelvin Grove

Duration 3 years full time, 6 years part time[□] | Assumed knowledge English | Offer guarantee 87.00 | Entry February and July

Human services practitioners strive for social justice, providing support to individuals, families and communities who are experiencing social or economic adversity. They may work directly with clients providing support or advocating on their behalf, manage the delivery of services through agencies, or work for government in the development of new policies and programs.

Why choose human services at QUT?

The course is flexible and you will select areas of study that align with your career interests such as child and family services, youth justice, gender crime, Indigenous health, or policy skills and management. It prepares you for having an impact on real-world problems through social change activities.

Real experience

Graduate industry ready with 550 hours of supervised professional experience. Our students have completed placements in homelessness and outreach services, community settings, youth services, child safety, disability, and residential aged-care facilities.

You will learn from passionate staff who are human services practitioners, social workers, counsellors, anthropologists, political activists and advocates. They consult regularly with industry to ensure your degree reflects the emerging priorities of the profession.

Career outcomes

Graduates are impact-makers and work with communities and non-government agencies as human service practitioners, policy development officers, program evaluators, community development officers, welfare officers, youth workers, youth justice officers, child protection officers, and child and family professionals.

Opportunities also exist for graduates to work in aid, development, not-for-profit and human rights agencies in Australia and internationally.

Professional recognition

This course is accredited by the Australian Community Workers Association. Graduates are eligible to apply for membership of the Australian Community Workers Association.

Mid-year entry

You can commence this course in February or July, giving you the flexibility to start studying as soon as possible.

Entry options

If you're worried you won't have the ATAR or selection rank to get into the course, consider the TAFE QUT dual award, Diploma of Community Services/Bachelor of Human Services.

On successful completion of the diploma you will gain automatic entry to the bachelor degree at QUT. The dual award is not available to international students.

- business
- creative industries
- justice
- public health

For more information see pages 8-9.



Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Your course

Year 1

- Orientation to social work and human services
- Human development and behaviour
- Contemporary human rights
- People, community and disability
- Communication for health professionals
- Australian society, systems and policies
- Working with Aboriginal and Torres Strait Islander peoples and communities
- Understanding families and relationships

Year 2

- Human services placement 1
- Practice theories
- Professional practice processes and assessment
- Casework and case management
- Community and place-based practice
- Legal and ethical dimensions of social work and human services practice
- Human services introductory elective

Year 3

- Critical policy analysis and advocacy
- Critically reflective practice in organisations
- Advanced communication for social work and human services
- Electives x 2
- Human services placement 2
- Complexity in social work and human services practice

[□] Evening only classes are not available.

The selection rank is a good indication of the equivalent ATAR. For more detail about this course and entry requirements, see pages 46-49 or visit qut.edu.au/study



Fostering a passion to help people

I have a passion to help Aboriginal and Torres Strait Islander youth involved in the criminal justice system, so I chose a double degree in human services and justice. Studying human services has allowed me to gain a larger perspective on how things affect different people and has helped shape my view on the world. My justice degree has offered knowledge about the injustices many people face and how these can be alleviated.

Alicia Brown



Excellent facilities

QUT has excellent facilities for students to use during their degree, including the medical imaging laboratories in Q block. These labs feature industry-standard equipment, like X-ray machines, that are used in real radiology departments. I learnt and practised the essential skills before going out to clinical placement. This availability of proper equipment allowed me to practise in a comfortable environment with the supervision of the lecturers and tutors to become better prepared for clinical placements and my career.

Daria Monakhova

BACHELOR OF

Medical Imaging (Honours)

2020 selection rank (including adjustments) 99.00* | QTAC code 418182 | Campus Gardens Point | Duration 4 years full time
Assumed knowledge English, Math Methods, Physics | Offer guarantee No | Entry February

The Bachelor of Medical Imaging (Honours) can lead to a career as a radiographer (also known as a medical imaging technologist).

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

The honours component of the course offers you a competitive advantage in the workplace. You will be a critical thinker with a strong foundation in research, and have advanced skills to become a leader in a profession where responsibilities and capabilities are expanding.

Why choose medical imaging at QUT?

This course is designed in consultation with clinical staff from industry, taught by registered radiographers with extensive experience, and incorporates hands-on experiences from your first year.

Our simulation facilities feature virtual and hands-on equipment to offer you a learning experience that is only available at QUT.

You will build confidence and gain experience in fundamental skills using specialist equipment on campus including digital radiography systems, general X-ray, mobile X-ray, mammography and dental.

You will also access the anatomy laboratory and pathology specimen museum, and will develop competency in computer systems and software used in the industry.

Placements in hospitals include shifts in areas such as theatre, emergency and intensive care. These varying environments allow you to experience a range of different cases and work with patients from a variety of cultural backgrounds.

Career outcomes

Graduates of this course are often employed in a radiology department in a hospital, private radiology practice or health department. They may also work in medical equipment sales.

Professional recognition

This course is an approved program of study with the Medical Radiation Practice Board of Australia.

Student registration

QUT automatically registers students enrolled in this course with the Medical Radiation Practice Board of Australia in accordance with the *Health Practitioner Regulation National Law Act 2009*. Details about student registration are available from the Australian Health Practitioner Regulation Agency at ahpra.gov.au

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Real experience

You will start supervised clinical experience during first year, with significant time in the third and fourth years. Placements are offered across public and private hospitals, and a range of imaging facilities throughout Queensland and some interstate sites.

Your course

Year 1

- Human anatomy and physiology
- Foundations of clinical practice
- Introduction to medical radiations
- Radiation physics
- Regional and sectional anatomy for medical imaging
- General radiography 1
- Radiographic practice
- Radiation safety and biology

Year 2

- Systematic imaging pathology
- Medical imaging methods
- General radiography 2
- Clinical radiography 1
- Specialised imaging techniques
- Computed tomography imaging
- Statistical methods in health
- Clinical radiography 2

Year 3

- Clinical radiography 3
- Image interpretation
- Complementary imaging techniques
- Clinical radiography 4
- Magnetic resonance imaging
- Evidence-based clinical practice
- Advanced imaging practice 1
- Elective

Year 4

- Transition to professional practice 1
- Clinical radiography 5
- Transition to professional practice 2
- Advanced imaging practice 2
- Research project in contemporary clinical practice 1 and 2

* Field positions or other ranks were used to select applicants at the threshold.

The selection rank is a good indication of the equivalent ATAR. For more detail about this course and entry requirements, see pages 46–49 or visit qut.edu.au/study

BACHELOR OF

Medical Laboratory Science

2020 selection rank (including adjustments) 70.00 | QTAC code 418201 | Campus Gardens Point

Duration 4 years full time, 8 years part time² | Assumed knowledge English, Math Methods, Chemistry

Offer guarantee 87.00 | Entry February

Medical laboratory scientists perform tests on human and veterinary specimens including blood, bodily fluids, stool, urine, tissue biopsies and more. They identify blood diseases, viruses and parasites, immunity disorders, evidence of toxins and poisons, genetic mutations, plus much more. The results of these tests are used by health professionals to diagnose conditions and assist with clinical decisions including choice of treatment.

Why choose medical laboratory science at QUT?

This degree was the first of its kind in Queensland and is taught by qualified industry professionals with established careers working in pathology laboratories.

Our graduates are successful in securing positions nationally and overseas. Your studies will incorporate all areas of clinical pathology including haematology, transfusion science, cytology, biochemistry, microbiology, histology, molecular pathology and immunology, providing you with increased career opportunities.

Hands-on experiences in the Q Block laboratories at Gardens Point and the H Block laboratories at Kelvin Grove begin during first semester of your first year and are embedded throughout the course. We are recognised for delivering graduates who are confident with advanced techniques and are able to conduct appropriate investigations to a professional standard.

Work alongside professionals

You will complete a 12-week professional placement working alongside practising medical scientists and clinical researchers in accredited pathology labs and research facilities.

Career outcomes

Medical laboratory scientists work in the pathology industry, generally in hospitals or in public or private laboratories. Graduates are also employed in allied health (e.g. assisted fertility clinics) and public health laboratories.

Graduates of this course may choose a role in a multidisciplinary setting, specialise in an area of particular interest, or complete postgraduate studies for a career in research.

Professional recognition

This course is accredited by the Australian Institute of Medical Scientists and graduates will have completed the academic and work placement to meet the requirements for admission as a full member. Depending on your employment, you will be eligible to apply for memberships of other professional organisations. Visit the online course information at qut.edu.au/study

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Practical placements that count

In my final year, I had a 12-week laboratory placement in an area of my preference. This was in a busy metropolitan histology laboratory where I had the chance to rotate through all the different areas including embedding, sectioning, special stains and immunohistochemistry. I found the experience extremely interesting and valuable, and it led to my first job in a pathology laboratory.

James Ivanisevic



Your course

Year 1

- Introduction to medical laboratory science
- Human systematic anatomy
- Human cell and molecular biology
- Foundations of biochemistry
- Principles of human physiology
- Genes, genomes and genetics
- Principles of infection and immunity
- Quantitative skills for health scientists

Year 2

- Principles and practice of infectious diseases
- Biochemistry
- Pathology
- Principles of immunology
- Quality and analysis in clinical pathology
- Microbial diagnostics
- Cytogenetic and molecular pathology
- Histological techniques

Year 3

- Chemical pathology
- Advanced microbial diagnostics
- Principles and practice of clinical haematology
- Histopathology
- Diagnostic endocrinology
- Diagnostic cytopathology
- Applied clinical haematology
- Transfusion and transplantation science

Year 4

- Work integrated learning internship 1 and 2
- Transition to professional practice in medical laboratory science
- Quality management in health
- Projects in clinical pathology
- Intercultural health in clinical practice
- Elective



Providing career pathways

After deciding a career in pathology was for me, I spent a great deal of time reading job advertisements. The overwhelming majority of pathology jobs require the medical laboratory science degree. I chose QUT because their course is centred on practical and specific pathology subjects, and extremely focused on career pathways. I was impressed with the industry connections and quality of the lecturers and guest speakers. Every one of them had extensive experience and ties to the industry.

Megan van Schie

BACHELOR OF Nursing

2020 selection rank (including adjustments) 79.00, graduate entry: 93.00 | **QTAC code** 425231, graduate entry: 425252

Campus Kelvin Grove | **Duration** 3 years full time, 6 years part time[‡], graduate entry: 2 years full time | **Assumed knowledge** English (see additional entry requirement below) | **Offer guarantee** 93.00[†] | **Entry** February and July

As a QUT nursing graduate you will be skilled in delivering safe and competent practice across diverse populations, responding to the challenges of health care with agility and resilience, and engaging consumers as informed partners in their health care.

Why choose nursing at QUT?

QUT's School of Nursing is one of the largest and most established centres in Australia, with more than 40 years of industry consultation and experience. You will learn from some of Australia's most respected and influential nurse academics and researchers.

With purpose-built, on-campus facilities that replicate the hospital environment, technology, equipment and scenarios, you will develop confidence and skills to work in a range of nursing environments.

Real experience

Gain valuable experience working with real patients during professional placements that begin in the first year. You will complete 840 hours of placement and may also have opportunities to travel overseas.

Our graduates are well prepared to excel in a profession where the scope of practice is expanding and there are greater responsibilities for delivery of more complex interventions.

Career outcomes

Nursing offers employment opportunities in Australia and overseas, in general and specialist areas such as emergency, paediatrics or mental health, and in other areas including community health, in-home care, school health, alcohol and drug dependence, and the armed services.

Many nurses complete further study and specialise in acute care nursing, cancer nursing, emergency nursing, intensive care nursing, mental health nursing, or paediatric, child and youth health nursing.

QUT's strong industry partnerships mean we offer placements at more than 80 healthcare providers

Professional recognition

This course has professional accreditation from the Australian Nursing and Midwifery Accreditation Council. Our graduates are eligible to apply for registered nurse status with the Nursing and Midwifery Board of Australia. Both students and graduates may apply for membership of the Australian College of Nursing.

Mid-year entry

You can commence this course in February or July, giving you the flexibility to start studying sooner.

Additional entry requirement

For entry to single and double degrees in nursing you must have completed at least six years of primary and secondary education taught and assessed solely in English in one of the specified countries[^] including at least two years between Years 7 and 12. Otherwise you will need to demonstrate your English proficiency. See the online course information for more detail at qut.edu.au/study

Student registration

QUT automatically registers students enrolled in this course with the Nursing and Midwifery Board of Australia in accordance with the *Health Practitioner Regulation National Law Act 2009*.

Details about student registration are available from the Australian Health Practitioner Regulation Agency (AHPRA) at ahpra.gov.au

Course requirements

There are extra costs and requirements for this course including a blue card, first aid training and vaccinations. See the course details at qut.edu.au/study

Advanced standing

If you have a Diploma of Nursing (with AHPRA registration as an enrolled nurse) you can receive one year of advanced standing and can complete the degree in two years. You will need to apply for advanced standing after receiving a QTAC offer.

Graduate entry

If you already hold a degree in any area other than nursing, you can apply for the Bachelor of Nursing (graduate entry), and complete requirements for registration as a nurse in a minimum of two years full time. Clinical practice for all students is undertaken during normal semester breaks, including the summer break. See the course details at qut.edu.au/study

Deferment

Deferment is not available for this course.

- paramedic science
- psychology
- public health

For more information see pages 8–9.



[‡] Evening only classes are not available.

[†] The offer guarantee does not apply to the graduate-entry course.

[^] Australia, Canada, New Zealand, Republic of Ireland, South Africa, United Kingdom, United States of America.

The selection rank is a good indication of the equivalent ATAR. For more detail about this course and entry requirements, see pages 46–49 or visit qut.edu.au/study

Your course

Year 1

- Professional practice and cultural safety
- Anatomy and physiology for health professionals
- Health assessment
- Leading and learning
- Wellness across the lifespan
- Pathophysiology for health professionals
- Integrated nursing practice 1—on campus
- Integrated nursing practice 1—off campus

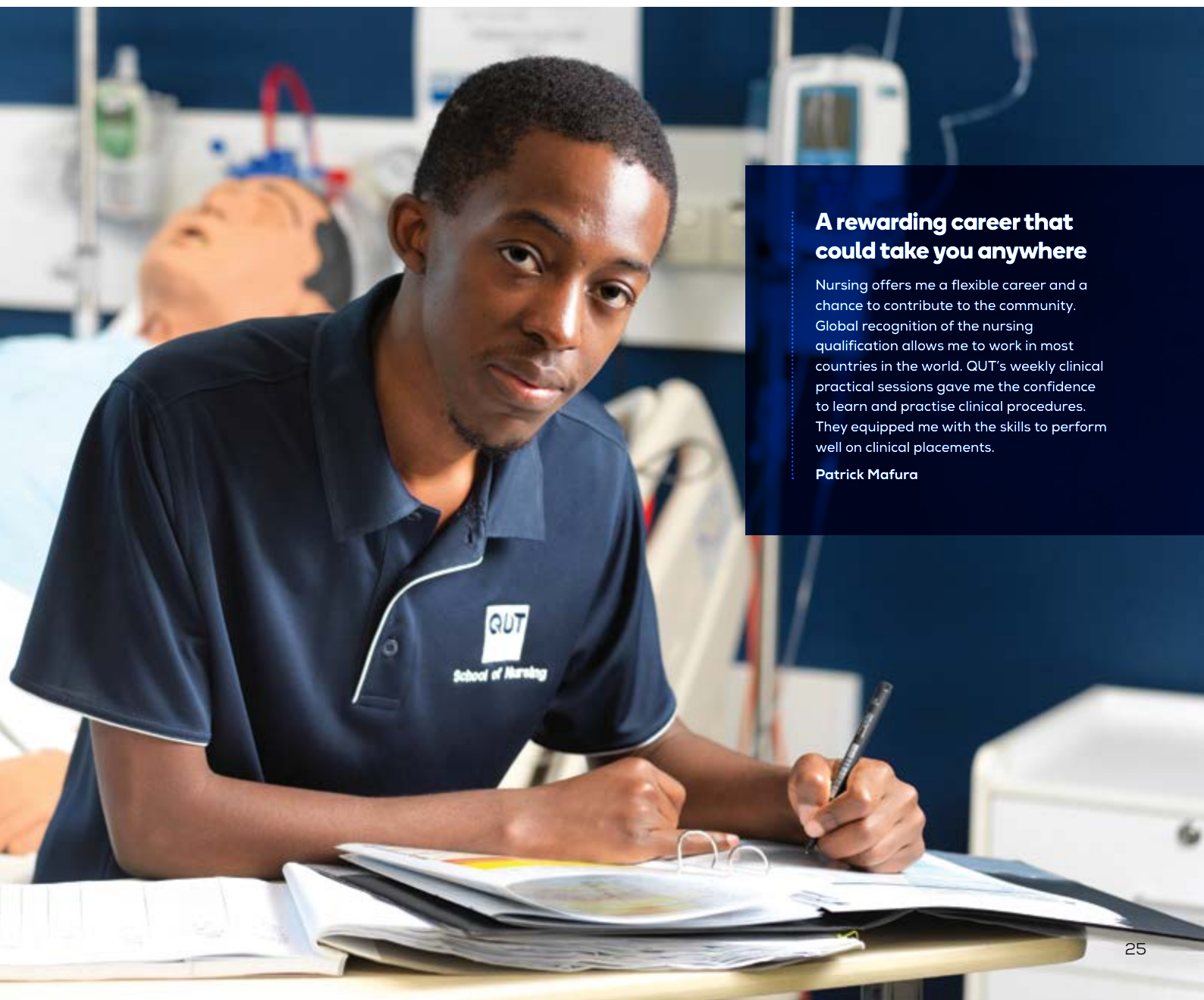
Year 2

- Aboriginal and Torres Strait Islander peoples' wellbeing
- Introduction to clinical therapeutics for health
- Integrated nursing practice 2—on campus
- Integrated nursing practice 2—off campus
- Inquiry in clinical practice
- Mental health: self and others
- Integrated nursing practice 3—on campus
- Integrated nursing practice 3—off campus

Year 3

- Ethics law and health care
- Partnerships in health and illness
- Integrated nursing practice 4
- Integrated nursing practice 5
- Leading and learning: building professional capacity
- Elective

July entry: If you start in July you must complete a compulsory clinical practice unit in the summer semester prior to your final year of study.



A rewarding career that could take you anywhere

Nursing offers me a flexible career and a chance to contribute to the community. Global recognition of the nursing qualification allows me to work in most countries in the world. QUT's weekly clinical practical sessions gave me the confidence to learn and practise clinical procedures. They equipped me with the skills to perform well on clinical placements.

Patrick Mafura

BACHELOR OF

Nutrition and Dietetics (Honours)

2020 selection rank (including adjustments) 94.00 | QTAC code 425442 | Campus Kelvin Grove | Duration 4 years full time
Assumed knowledge English, Math Methods, Chemistry | Offer guarantee No | Entry February

Dietitians use their advanced knowledge in the science of nutrition to advise on appropriate diet, food preparation and menu planning to treat nutrition-related disease. Accredited practising dietitians often work alongside health professionals in hospitals and community settings delivering individual dietary counselling, medical nutrition therapy and group dietary therapy. Their work contributes to the promotion of health, the prevention and treatment of disease such as diabetes and cancer, and optimal health maintenance.

The honours component of the course offers you a competitive advantage in the workplace. You will be a critical thinker with a strong foundation in research, and have advanced skills to become a leader in a profession where responsibilities and capabilities are expanding.

Why choose nutrition and dietetics at QUT?

QUT has offered an industry accredited program for more than 40 years and is recognised for delivering job-ready graduates who are in demand and securing competitive graduate employment positions.

You will learn from industry leaders with experience in many areas including sports dietetics and Indigenous health. They hold senior positions on industry boards and councils, and many also lead projects and government initiatives to improve population health and nutrition. These close links with industry ensure your study is relevant and you will be prepared to meet the demands of the profession in a changing healthcare environment.

You will also complete professional placements in settings including community health centres, hospitals, correctional facilities and catering institutions.

There are opportunities to travel, with the option to gain professional experience in rural and regional Australia, and overseas.

Real experience

Gain hands-on experience providing nutrition assessments and dietary advice to real clients in QUT Health Clinics. Under the supervision of accredited dietitians, you will provide advice for the management of chronic disease, before and after surgery, eating disorders, food intolerance and allergies.

Career outcomes

Graduates have a range of career pathways. They often provide nutrition therapy to clients in the management of disease and illness in hospitals, private practice, community health centres and nursing homes. They may also consult to the food industry on product

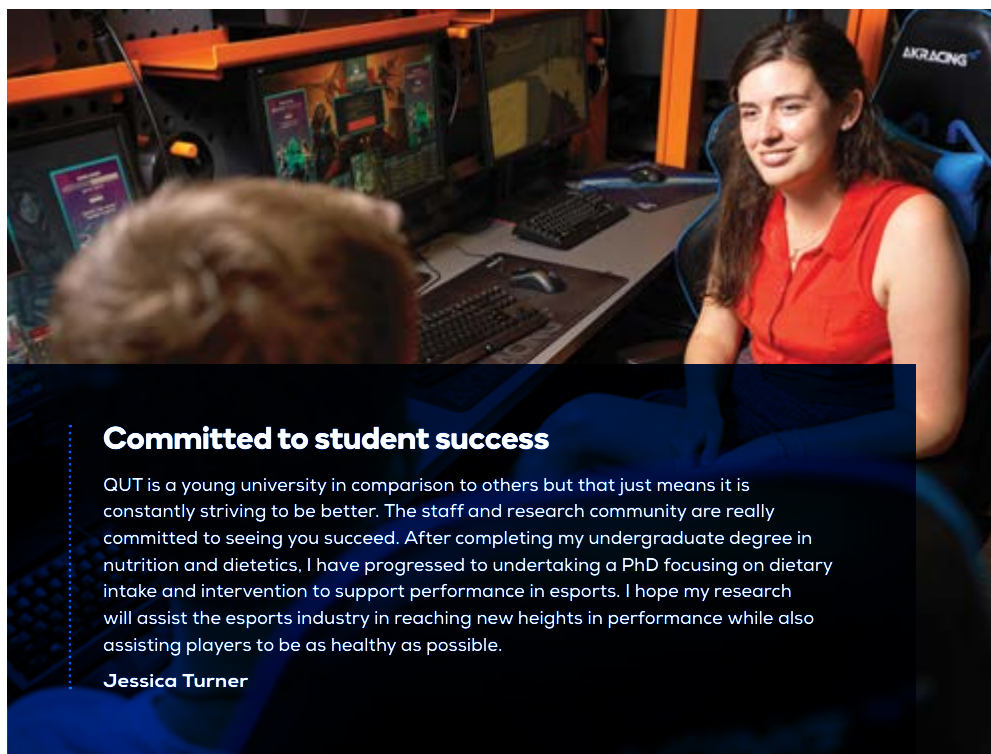
development and marketing, prepare educational resources for industry, schools and community, or develop food and nutrition policies for government and non-government organisations.

Professional recognition

This course is accredited by the Dietitians Association of Australia and graduates are eligible to apply for the Accredited Practising Dietitian credential. Graduates can apply for membership of the Dietitians Association of Australia, the Public Health Association of Australia, Sports Medicine Australia, the Nutrition Society and other bodies.

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study



Committed to student success

QUT is a young university in comparison to others but that just means it is constantly striving to be better. The staff and research community are really committed to seeing you succeed. After completing my undergraduate degree in nutrition and dietetics, I have progressed to undertaking a PhD focusing on dietary intake and intervention to support performance in esports. I hope my research will assist the esports industry in reaching new heights in performance while also assisting players to be as healthy as possible.

Jessica Turner

Your course

Year 1

- Chemistry for health sciences
- Cell and molecular biology
- Foundations in nutrition practice
- Food and nutrition
- Human health and disease concepts
- Anatomy and physiology for health professionals
- Nutrition communication
- Food citizenship

Year 2

- Biochemistry
- Medical physiology 1
- Nutritional epidemiology
- Food chemistry and technology
- Biochemical pathways and metabolism
- Medical physiology 2
- Nutrition science
- Food and nutrition across the lifecycle

Year 3

- Community and public health nutrition
- Exercise and sports nutrition
- Advanced nutrition metabolism
- Nutrition therapy counselling and practice 1
- Medical nutrition therapy counselling and practice 2
- Medical nutrition therapy counselling and practice 3
- Contemporary management and practice of food and nutrition services
- Advanced research methods

Year 4

- Clinical practice in nutrition and dietetics—medical nutrition therapy (ambulatory)
- Clinical practice in nutrition and dietetics—community and public health nutrition
- Clinical practice in nutrition and dietetics—foodservice management
- Clinical practice in nutrition and dietetics—medical nutrition therapy (acute)
- Research project for honours
- Leadership in nutrition and dietetics practice 1 and 2



Go your own way

I chose to study nutrition and dietetics at QUT because I love food, health and people. The placement year was very challenging but provided insight into how wide the career scope for dietitians can be. I went from designing menus at an acquired brain injury unit to delivering corporate health days. I'm now helping people with their diet and exercise in my own business, Your Fit.

Sean Cornish



Pursue exciting career possibilities

A real highlight for me was being able to take a minor in journalism. Learning about a totally different field expanded my horizons and helped me secure an internship with the ABC's national investigative reporting team. I also volunteered with the Australian Red Cross as a student nutritionist. QUT offers opportunities around every corner.

Anna Gibbs

BACHELOR OF Nutrition Science

2020 selection rank (including adjustments) 70.00 | QTAC code 425332 | Campus Kelvin Grove | Duration 3 years full time
Assumed knowledge English, Math Methods, Chemistry | Offer guarantee 93.00 | Entry February

Nutritionists focus on issues that affect the whole population. They are employed in a number of industries to analyse food supply, government policy and eating behaviours, and to develop new ways to promote healthy lifestyle choices and prevent diet-related disease within communities.

Nutritionists can provide a number of nutrition services but are not qualified to provide medical nutrition therapy to individuals or groups in hospitals or other clinical environments.

Why choose nutrition science at QUT?

This course is flexible, allowing you to explore career opportunities and develop a unique skill set by choosing electives in complementary areas such as business, digital media, sport and exercise, or biosciences.

Real experience

You will develop your skills by contributing to a real project or initiative that is improving health outcomes and work alongside other professionals. You may also travel and engage with communities in rural and remote Australia, and overseas.

You will be taught by staff with extensive industry experience in areas that include sports nutrition, health promotion, childhood obesity, Indigenous health, food science and research. Their experience, combined with case studies offered by guest lecturers, will give you the knowledge to meet the needs and expectations of your clients. Close links with industry ensure our curriculum is relevant and our graduates can meet the demands of the changing food and healthcare environment.

Career outcomes

Graduates often work as professionals in government, educational facilities, the food industry, health agencies, corporate environments and community groups. They are skilled to work in roles that include public health and community nutrition, chronic disease prevention, health and wellbeing, Indigenous health, marketing, product development, plus many more.

This course can also lead to further study or research in nutrition and related areas including dietetics, public health education and food entrepreneurship.

Professional recognition

Graduates are eligible to apply for membership of the Public Health Association of Australia and the Nutrition Society.

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

- professional communication

For more information see pages 8–9.



Your course

Year 1

- Chemistry for health sciences
- Cell and molecular biology
- Foundations in nutrition practice
- Food and nutrition
- Human health and disease concepts
- Anatomy and physiology for health professionals
- Nutrition communication
- Food citizenship

Year 2

- Biochemistry
- Medical physiology 1
- Nutritional epidemiology
- Food chemistry and technology
- Biochemical pathways and metabolism
- Medical physiology 2
- Nutrition science
- Food and nutrition across the lifecycle

Year 3

- Advanced nutrition metabolism
- Community and public health nutrition
- Electives or minor units x 4
- Research methods
- Professional practice in nutrition

BACHELOR OF Paramedic Science

2020 selection rank (including adjustments) 92.00, graduate entry: 95.00 | **QTAC code** 425592, graduate entry: 425582
Campus Kelvin Grove | **Duration** 3 years full time, graduate entry: 2 years full time | **Assumed knowledge** English
Offer guarantee 93.00[†] | **Entry** February

Paramedics provide rapid, emergency medical response and specialised transportation to the community. Each day a paramedic may respond to a number of call outs—not all of which will be emergencies. A paramedic's work also consists of non-life threatening cases, transporting elderly patients and patients who have scheduled hospital treatments.

Why choose paramedic science at QUT?

This course was Queensland's first degree in paramedic science and our established partnerships ensure you will complete extensive placements with the Queensland Ambulance Service (QAS).

Our staff are experienced paramedics and allied health professionals and will give you first-hand knowledge of the profession through case studies and personal experiences.

Real experience

Your first clinical placement begins at the end of your first year of study. We offer placements in metropolitan and regional centres throughout Queensland, as well as opportunities to travel overseas and work on shifts with paramedics in other ambulance services.

You will undertake scenario-based training alongside emergency service providers, including the Queensland Fire and Emergency Service and the Australian Defence Force, to help you develop leadership skills and learn how to manage critical situations under pressure.

On campus, you will use current industry paramedic equipment and learn in facilities that feature life-sized ambulance simulators, human patient simulators, and multi-casualty sites that imitate a building collapse, car accident or explosion. You will develop an appreciation of anatomical variability, pathology and effective medical communication with the opportunity to work with human donor material.

Career outcomes

Graduates may be employed as an ambulance paramedic with the QAS, and other national and international agencies. You can complete further study for a career as a critical care paramedic or for careers in health service management, public health, or emergency and disaster management.

Professional recognition

This course is currently accredited by the Council of Ambulance Authorities. Graduates are eligible to apply for registration with the Paramedicine Board of Australia and for membership with Paramedics Australasia.

Course requirements

There are extra costs and requirements for this course including a blue card, vaccinations and placement uniforms. There are also standards regarding behavioural stability as well as mandatory requirements (medical and mental health fitness assessment) that are inherent expectations for clinical placement and to complete this degree. See the course details at qut.edu.au/study

Graduate entry

If you already hold a degree in health or medical science completed within the last 10 years, you can apply for the Bachelor of Paramedic Science (graduate entry) and complete the course in two years of full-time study. See the course details at qut.edu.au/study

International student entry

This course is available to international students only under specific international articulation agreements.

• nursing
For more information see pages 8–9.



Your course

Year 1

- Human anatomy and physiology
- Foundations of clinical practice
- Foundations of paramedic practice 1
- Communication for health professionals
- Disease processes
- Foundations of paramedic practice 2
- Statistical methods in health

Summer program

- Paramedic clinical practice 1

Year 2

- Medical microbiology and infection control
- Introduction to clinical therapeutics for health
- Evidence-based clinical practice
- Foundations of paramedic practice 3
- Paramedic management of cardiac, respiratory and neuro emergencies
- Paramedic management of medical and surgical emergencies
- Paramedic management of trauma and environmental emergencies
- Ethics and the law in health service delivery

Year 3

- Paramedic management of lifespan emergencies
- Major incident management
- Paramedic clinical practice 2
- Mental health issues in the out-of-hospital environment
- Paramedic clinical practice 3
- Transition to professional paramedic practice (capstone)
- Clinical physiology
- Community paramedicine principles and practice

[†] The offer guarantee does not apply to the graduate-entry course.



Placements make the best practice

QUT's Bachelor of Paramedic Science offers three six-week placements with the option to travel overseas in your third year. The domestic placements serve as long 'job interviews' and help you to build industry connections while working as part of an ambulance crew to cultivate and consolidate what you've learned in class. I gained experience with pre-hospital births, high-velocity trauma, and multi-system medical cases. In my final year I had the privilege of travelling to Washington, USA, for a three-week placement where I experienced the emergency medical services system across various cities. I did ride-alongs with ambulance services, fire services, and even helicopter and fixed-wing flight care services.

Jodey Brand

BACHELOR OF

Pharmacy (Honours)

2020 selection rank (including adjustments) 77.00 | QTAC code 418512 | Campus Gardens Point | Duration 4 years full time
Assumed knowledge English, Math Methods, Chemistry | Offer guarantee 93.00 | Entry February

Pharmacists have expert knowledge about how medicines work in the human body and how they can be used safely for therapeutic purposes. They advise and educate patients and other healthcare professionals on the correct use and side effects of medicines. They play a major role as healthcare providers and educators to the community and contribute to improved health care through their growing scope of professional services.

Why choose pharmacy at QUT?

Our course reflects the complexity of pharmacy practice in the real world. You will focus on national priority health areas such as cardiovascular and mental health conditions, and learn from pharmacy experts with established careers in patient-centred care and award-winning research.

On campus you will develop your skills in modern scientific laboratories and simulation facilities that mimic a real pharmacy environment.

The honours component of the course offers you a competitive advantage in the workplace. You will be a critical thinker with a strong foundation in research, and have advanced skills to become a leader in a profession where responsibilities and capabilities are expanding.

Real experience

You will complete more than 500 hours of professional placement during this course. Placements start in the first semester of your second year and are completed in hospital and community pharmacy environments, and in emerging healthcare roles where pharmacists are increasingly being employed.

Career outcomes

Pharmacists are employed in a range of settings including community pharmacies, hospitals, industry, regulatory and research roles. They may work with other healthcare professionals in a patient-care role, evaluate newly released medicines, coordinate clinical trials, or prepare medicines for patients requiring specialised treatments. Graduates are also prepared for postgraduate studies in pharmacy-related areas.

Professional recognition

This course is accredited by the Australian Pharmacy Council. Following graduation, approximately 12 months of pre-registration training, performed under the supervision of a registered pharmacist, is required to meet registration requirements of the Pharmacy Board of Australia. Graduates are eligible for membership with organisations such as the Pharmaceutical Society of Australia, the Pharmacy Guild of Australia, and the Society of Hospital Pharmacists of Australia.

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. Travel and accommodation costs will vary depending on placement location. See the course details at qut.edu.au/study

Your course

Year 1

- Foundations of clinical practice
- Chemistry for medicines
- Cell and molecular biology
- Statistical methods in health
- Introduction to pharmacy practice
- Molecules to medicines
- Human physiology
- Disease processes

Year 2

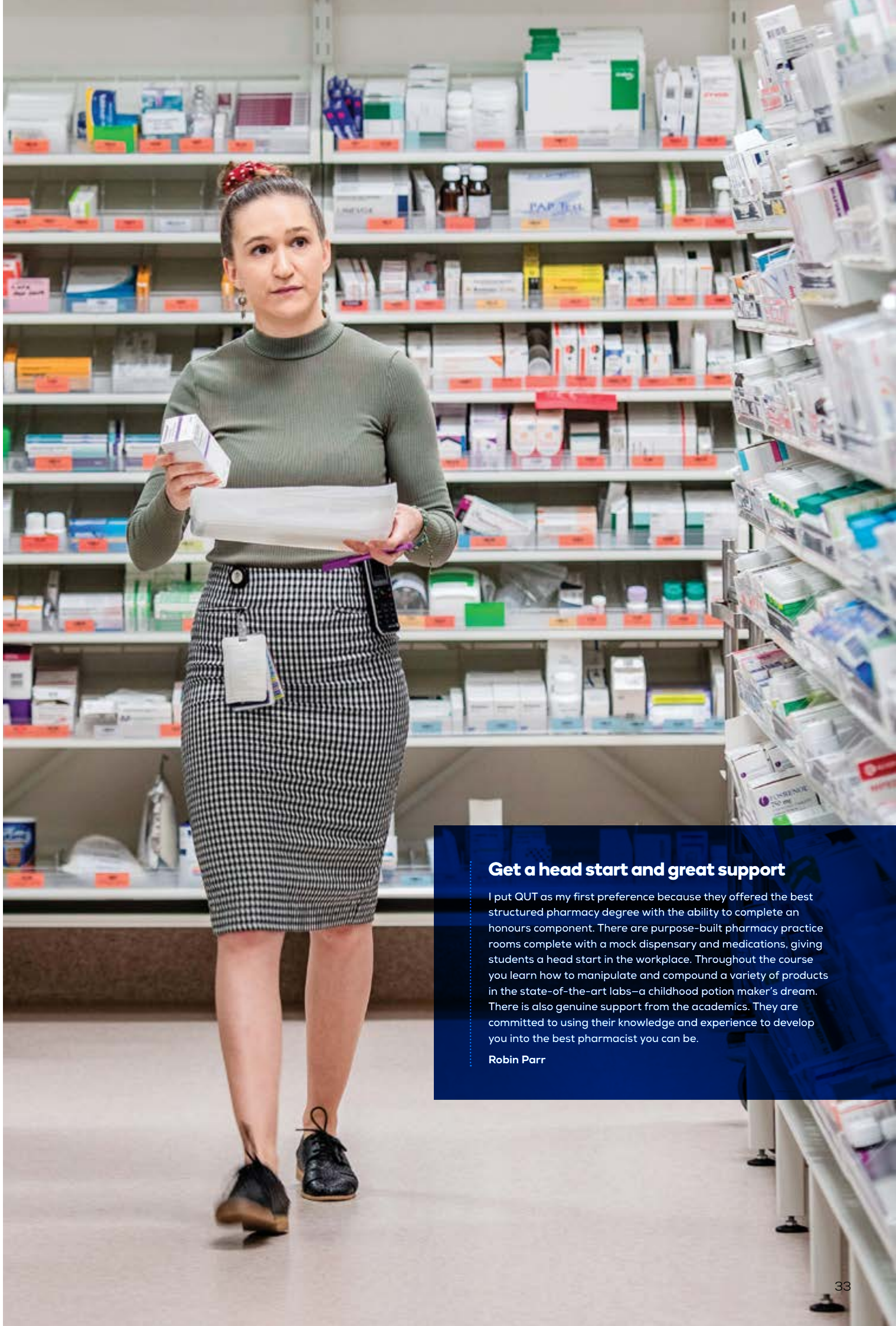
- I pharmacist
- Evidence-based clinical practice
- Biochemistry
- Medical microbiology and infection control
- Quality use of medicines
- Molecular basis of medicines
- Patient-centred care: musculoskeletal, dermatological and special senses
- Patient-centred care: gastrointestinal

Year 3

- Patient-centred care: cardiovascular
- Patient-centred care: respiratory
- Patient-centred care: endocrine, diabetes, reproductive
- Patient-centred care: oncology and immunology
- Patient-centred care: neurology
- Patient-centred care: mental health
- Food and nutrition across the life cycle
- Pharmacist prescribing

Year 4

- Advanced clinical practice 1
- Applying research in practice 1
- Business of health care
- Evidence-based health care: practice informing research 1
- Advanced clinical practice 2
- Applying research in practice 2
- Clinical skills
- Evidence-based health care: practice informing research 2



Get a head start and great support

I put QUT as my first preference because they offered the best structured pharmacy degree with the ability to complete an honours component. There are purpose-built pharmacy practice rooms complete with a mock dispensary and medications, giving students a head start in the workplace. Throughout the course you learn how to manipulate and compound a variety of products in the state-of-the-art labs—a childhood potion maker's dream. There is also genuine support from the academics. They are committed to using their knowledge and experience to develop you into the best pharmacist you can be.

Robin Parr

BACHELOR OF Podiatry

2020 selection rank (including adjustments) 82.00, graduate entry: 93.00[^] | **QTAC code** 425222, graduate entry: 425102

Campus Kelvin Grove | **Duration** 4 years full time, graduate entry: 2.5 years full time

Assumed knowledge English, Math Methods, Chemistry | **Offer guarantee** 93.00[†] | **Entry** February, graduate entry: July only

Podiatrists diagnose and treat a wide range of foot and related lower limb conditions. Podiatrists analyse the way people walk or run and correct foot and lower limb problems that can sometimes cause pain elsewhere in the body, such as the knees. They may use orthotic devices to correct alignment and assist with walking difficulties, provide physical therapy for rehabilitation of sports injuries, or correct some foot problems using minor surgical techniques. They also care for patients with chronic diseases such as diabetes or rheumatoid arthritis.

Why choose podiatry at QUT?

Employment opportunities for podiatrists are excellent. This course was Queensland's first degree in podiatry and offers opportunities for hands-on learning that are unique to QUT. Our teaching and clinical staff are practising podiatrists who maintain links with the profession ensuring our courses are up-to-date and relevant.

Real experience

You will graduate job ready with 1000 hours of clinical placement in the multimillion dollar QUT Podiatry Clinic, as well as in specialist and general podiatry clinics off campus, and community outreach activities.

At the QUT Podiatry Clinic, you will treat real patients under the supervision of a registered podiatrist. You will provide services in all aspects of podiatry. This will include treating skin, bone, tendon and joint injuries and conditions, as well as providing footwear advice and prescription.

Your placement at external facilities may include clinics relating to the fields of biomechanics, sports medicine, diabetes foot complication, paediatrics and general podiatry.

Honours pathway

This course offers an honours pathway at the end of the second year. You can complete an honours research project that extends your knowledge of the professional field, offering a competitive advantage in your career.

Career outcomes

Podiatrists often work with other health professionals in hospitals, establish a private practice or train as a podiatric surgeon. Other careers include paediatric podiatry, sports podiatry, high-risk podiatry, community health or research.

Professional recognition

This course is accredited by the Australian and New Zealand Podiatry Accreditation Council*. Graduates are eligible to apply for registration with the Podiatry Board of Australia, and membership of the Australian Podiatry Association and Sports Medicine Australia.

With additional postgraduate training, podiatrists can apply to the Podiatry Board of Australia and seek authorisation to prescribe scheduled medicines.

Student registration

QUT automatically registers students enrolled in this course with the Podiatry Board of Australia in accordance with the *Health Practitioner Regulation National Law Act 2009*. Details about student registration are available from the Australian Health Practitioner Regulation Agency at ahpra.gov.au

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Graduate entry

If you already hold a degree in a health-related field completed within the last 10 years, you can apply for the Bachelor of Podiatry (graduate entry) and complete the course in two and a half years of full-time study. See the course details at qut.edu.au/study

Your course

Year 1

- Anatomy
- Chemistry for health sciences
- Cell and molecular biology
- Communication for health professionals
- Biomechanics
- Anatomy of the lower limb
- Human physiology
- Microbiology and infection control for podiatrists

Year 2

- Podiatric clinical gait analysis
- Disease processes
- Statistical methods in health
- Podiatric medicine 1
- Foundations of clinical practice
- Introduction to clinical therapeutics for health
- Radiographic image interpretation
- Statistical methods in health
- Podiatric medicine 2

Year 3

- Pharmacotherapeutics for podiatrists
- Medicine
- Sports medicine and rehabilitation
- Podiatric medicine 3
- Podiatric anaesthesiology and surgery
- Clinical therapeutics for podiatrists
- Podiatric medicine 4
- Evidence-based clinical practice

Year 4

- Professional placement 1
- Podiatric medicine 5
- Current theory of podiatric medicine
- Transition to the clinical profession
- Professional placement 2
- Podiatric medicine 6

[^] The graduate-entry selection rank is from the Semester 2, 2019 offer round.

[†] The offer guarantee does not apply to the graduate-entry course.

* This course is currently accredited to 6 March 2024.

The selection rank is a good indication of the equivalent ATAR. For more detail about this course and entry requirements, see pages 46–49 or visit qut.edu.au/study



Work that makes a difference

As a paediatric podiatrist, my job satisfaction is very high. There's no real way to describe how it feels when a child looks you in the eye and thanks you for helping them. On a daily basis I look after patients with various conditions and work closely with paediatricians, physiotherapists, occupational therapists and rheumatologists.

Jason McLellan



Collaboration is key

The most beneficial thing about QUT's public health degree is the focus on developing both the hard and soft skills of a public health professional. Many of the assessments combine theory with actual projects that you could be working on in real life. During my practicum, I worked within a multidisciplinary clinic focused on improving the health of Aboriginal and Torres Strait Islander peoples. My project involved collaborating with the community, general practitioners, nurses and allied health workers to create a patient resource for the treatment of a common communicable disease. It was very gratifying to bring people together and contribute something of use within a health setting.

Kaley Butten

BACHELOR OF Public Health

2020 selection rank (including adjustments) 72.00 | QTAC code 425372 | Campus Kelvin Grove | Duration 3 years full time
Assumed knowledge English | Offer guarantee 87.00 | Entry February

Public health professionals develop and deliver health initiatives that focus on improving the health and wellbeing of whole populations, locally and on a global scale. Their work may include preventing the spread of disease, promoting health services, creating safer work environments, advocating for minority groups, or encouraging communities to adopt healthy lifestyle choices.

Why choose public health at QUT?

This course is flexible and allows you to focus on areas that interest you and align with your career path. You will choose five elective units focusing on topics such as community nutrition, Indigenous health, family and gender issues, health management and general studies in psychology. You can also tailor the program with further study for a career as a registered environmental health officer or occupational health and safety officer.

Contribute to real projects

During this course, you will complete 185 hours of professional placement in Australia and/or overseas. This provides an opportunity for you to work alongside industry professionals and contribute to real projects.

Recently, students have completed placement with organisations that include Cancer Council Queensland and Heart Foundation, community and advocacy groups, and internationally with our partners in Vietnam, Cambodia and Indonesia.

You will be taught by professionals with backgrounds in public health, medicine, nursing, research, policy development, health promotion, sociology and health service management. Our graduates are strategic thinkers who can apply their knowledge to develop innovative solutions that create improved health and quality of life for everyone.

Career outcomes

Many graduates work in local, state or national health departments. Their role may focus on health education and promotion, policy development, epidemiology, risk management and disease prevention.

Graduates may also work in non-government and community organisations, as project officers in international health agencies, or even become social entrepreneurs.

By completing further study, you can specialise in disease control; health promotion; occupational health, safety and the environment; or health management.

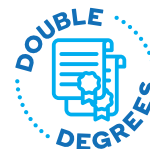
Professional recognition

Graduates are eligible for membership of the Public Health Association of Australia, the Australian Health Promotion Association and the International Union for Health Promotion and Education.

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

- human services
- nursing
- professional communication



For more information see pages 8-9.

Your course

Year 1

- Understanding disease concepts
- Australian health care systems
- Public health practice
- Sustainable environments for health
- Understanding health information
- Elective
- Foundation psychology
- Health, culture and society

Year 2

- Health education and behaviour change
- Health needs of Aboriginal and Torres Strait Islander Australians
- Introduction to epidemiology
- Statistical methods in health
- Gender equity and human health
- Qualitative inquiry in public health
- Research methods
- Elective

Year 3

- Electives x 3
- Contract/project management
- Health policy, planning and advocacy
- International health
- Health promotion practice
- Professional practice

Opportunities to grow

I am passionate about supporting at-risk youth. My role as a youth support coordinator in an education setting is highly rewarding—I enjoy watching students grow and achieve their individual goals. The lecturers and tutors enhanced our learning by linking us to volunteering roles and providing support outside of lecture hours.

Emily Hunt



BACHELOR OF Radiation Therapy

2020 selection rank (including adjustments) 96.00 | QTAC code 418192 | Campus Gardens Point | Duration 4 years full time
Assumed knowledge English, Math Methods, Physics | Offer guarantee No | Entry February

Radiation therapy is a rewarding career which combines patient care, emotional support, science and technology. Radiation therapists plan and deliver highly accurate radiation treatment to cancer patients.

Why choose radiation therapy at QUT?

We offer Queensland's only university degree in radiation therapy. This course has been designed in consultation with clinical staff from industry and is taught by registered professionals with extensive experience. The content incorporates clinical skills and hands-on experience from your first semester.

Your studies will cover the interaction of radiation on body tissue, radiation therapy treatment planning, X-ray and CT image matching, and treatment delivery in a virtual environment. Our on-campus facilities incorporate technology and equipment to develop your confidence and experience. The Virtual Environment for Radiotherapy Training uses augmented reality 3D technology to immerse you in a virtual environment that features life-sized radiation therapy equipment and virtual patients.

By practising in our facilities you will build confidence and gain experience in fundamental skills using specialist computer programs and the virtual treatment environment.

Real experience

You will start supervised clinical experience during first semester in your first year, with significant time in the second, third and fourth years. Placements are offered in private and public radiation therapy departments throughout Queensland and interstate areas.

Honours pathway

This course offers an honours pathway at the end of the second year. You will complete an honours research project that provides you with a strong foundation in research and extends your knowledge of the professional field.

Career outcomes

Graduates of this course may work as a radiation therapist in the radiotherapy department of a private or public facility. There are also research and educational opportunities.

Professional recognition

This course is an approved program of study with the Medical Radiation Practice Board of Australia.

Student registration

QUT automatically registers students enrolled in this course with the Medical Radiation Practice Board of Australia in accordance with the *Health Practitioner Regulation National Law Act 2009*. Details about student registration are available from the Australian Health Practitioner Regulation Agency at ahpra.gov.au

Course requirements

There are extra costs and requirements for this course including a blue card, vaccinations and placement expenses. See the course details at qut.edu.au/study

International student entry

This course is not available for entry to international students.

Your course

Year 1

- Foundations of clinical practice
- Introduction to radiation therapy
- Human anatomy and physiology
- Radiation physics
- Regional and sectional anatomy for radiation therapy
- Principles of radiation therapy planning and treatment
- Disease processes
- Radiation safety and biology

Year 2

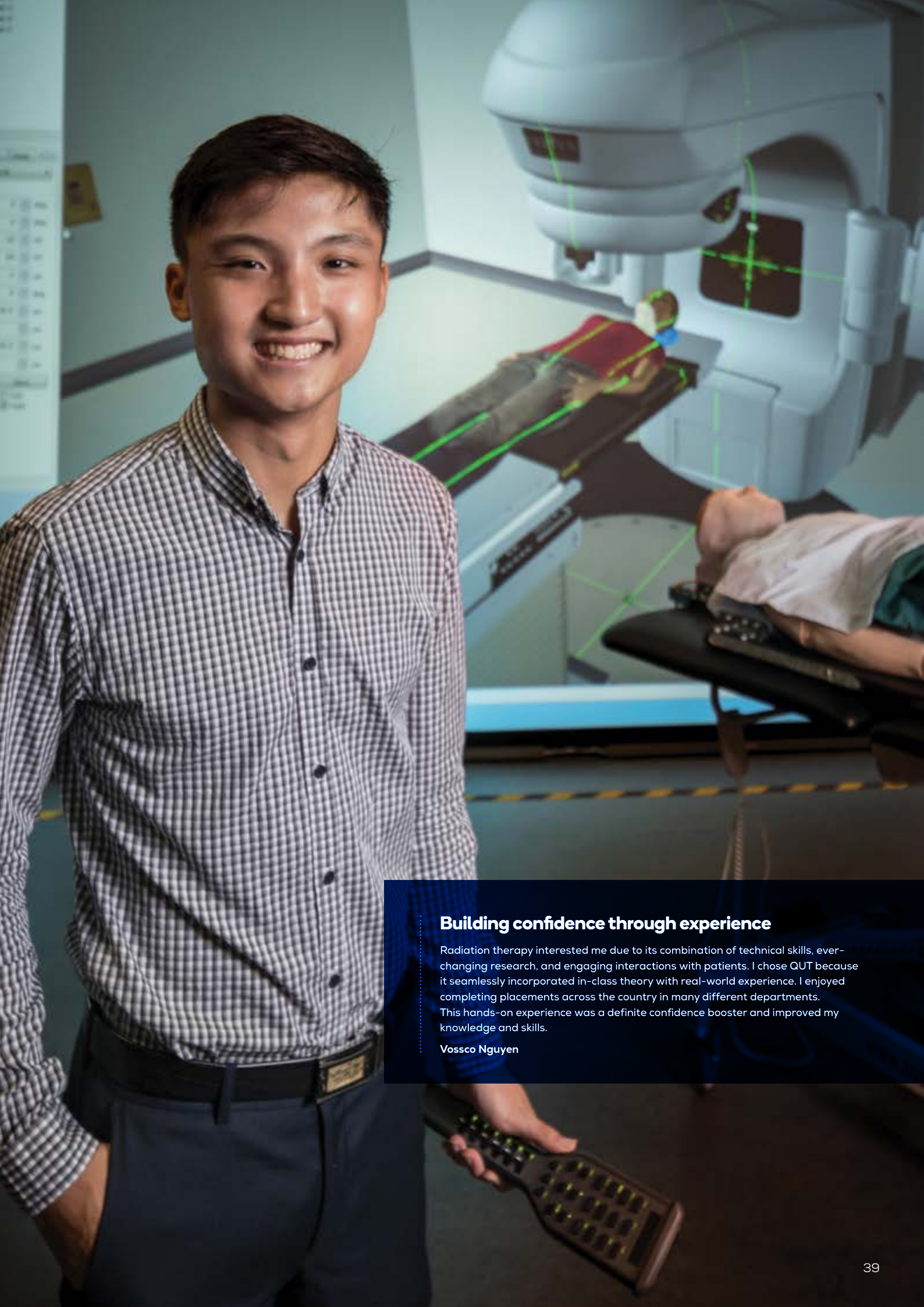
- Medical imaging applications in radiation therapy
- Clinical radiation therapy 1
- Radiation therapy treatment 1
- Radiation therapy planning 1
- Clinical radiation therapy 2
- Radiation therapy treatment 2
- Radiation therapy planning 2
- Statistical methods in health

Year 3

- Advanced imaging applications
- Clinical radiation therapy 3
- Radiation therapy treatment 3
- Radiation therapy planning 3
- Radiation therapy treatment 4
- Evidence-based clinical practice
- Radiation therapy planning 4
- Clinical radiation therapy 4

Year 4

- Transitioning to professional practice 1
- Holistic cancer management
- Review of contemporary clinical practice
- Transitioning to professional practice 2
- Advanced quality assurance
- Elective



Building confidence through experience

Radiation therapy interested me due to its combination of technical skills, ever-changing research, and engaging interactions with patients. I chose QUT because it seamlessly incorporated in-class theory with real-world experience. I enjoyed completing placements across the country in many different departments. This hands-on experience was a definite confidence booster and improved my knowledge and skills.

Vossco Nguyen

BACHELOR OF Social Work

2020 selection rank (including adjustments) 72.00 | QTAC code 425042 | Campus Kelvin Grove | Duration 4 years full time
Assumed knowledge English | Offer guarantee 87.00 | Entry February and July

Social workers engage with individuals, families, groups and communities to work towards social justices and facilitate progressive change. They understand how social, political, economic, environmental and cultural factors can impact experiences of disadvantage and wellbeing. They engage in a wide range of practices to respond to social issues including counselling, case management, group work, mediation, advocacy, education, community development and social action. Social work is incredibly diverse and social workers may be employed in a broad variety of fields including health and mental health, family violence, child abuse and neglect, homelessness, substance use, grief and loss, disability and eco-social work.

Why choose social work at QUT?

Social work at QUT is committed to creating a community of engaged learners and practitioners with real-world capacities to advocate social change for a more socially just, democratic and sustainable future. Graduates will have an understanding of the ways in which personal experiences are shaped by broader societal structures and therefore are committed to working in partnership with people (using a range of practice methods to support them), while simultaneously pursuing social transformation to redress societal injustices. You can complete elective units in key areas of practice such as working with young people, domestic violence, Indigenous health, child protection and family practice, and international social work practice. You may also be able to complete electives in complementary areas such as public health or psychology and counselling.

You will be taught by passionate social workers and human services professionals who have extensive professional experience in clinical work, political activism, counselling, community development and advocacy, education and social research.

Graduate job ready

You will complete a total of 1000 hours of professional placement that allows you to explore career paths that include direct support services, advocacy services and policy development.

Honours pathway

This course offers an honours pathway at the end of the second year, which is an opportunity to specialise in a particular area of practice by undertaking a supervised research project. This extends your knowledge of the professional field, and offers a competitive advantage in your career.

Career outcomes

The Bachelor of Social Work is an internationally recognised qualification and graduates may find employment locally, nationally or overseas. Social workers are employed in hospitals and community health care, Aboriginal and Torres Strait Islander peoples' health and social services, disability, child protection, youth work, criminal justice, family support and counselling, employment and legal services, refugee wellbeing, government, and policy and research.

Professional recognition

This degree has full accreditation by the Australian Association of Social Workers. It is an entry qualification into the social work profession and has been determined to meet the Australian Social Work Education and Accreditation Standards.

Mid-year entry and flexible options

You can commence this course in February or July, giving you the flexibility to start studying as soon as possible. If you are unable to commit to full-time study we also offer a flexible learning option to complete the course in eight years.

Entry options

If you're worried you won't have the ATAR or selection rank to get into the course, consider the TAFE QUT dual award, Diploma of Community Services/ Bachelor of Social Work. On successful completion of the diploma you will gain automatic entry to the bachelor degree at QUT. The dual award is not available to international students.

Course requirements

There are extra costs and requirements for this course including a blue card, criminal history check and vaccinations. There are also additional costs associated with the two 500-hour professional practice placements. See the course details at qut.edu.au/study

Graduate entry

If you have already completed a degree that includes at least one year of full-time study in social sciences, the Master of Social Work—Qualifying allows you to qualify as a registered social worker in two years. Visit qut.edu.au/study

- psychology

For more information see pages 8-9.





Create positive change

My motivations to pursue social work come from the disadvantages I overcame growing up, the positive support I was given, and my spiritual ties to my culture. I see the crucial impact that social workers can have on minority groups and I want to be a part of making positive changes so all people can experience the best lives possible. The social work degree has an emphasis on personal reflections which has enabled me to develop critical thinking and reflect on and analyse my own learnings. I have been able to put those reflecting skills into practice through my internship working with the Queensland Department of Child Safety, Youth and Women.

Karyna Doolan

Your course

Year 1

- Orientation to social work and human services
- Human development and behaviour
- Contemporary human rights
- People, community and disability
- Communication for health professionals
- Australian society, systems and policies
- Working with Aboriginal and/or Torres Strait Islander peoples and communities
- Understanding families and relationships

Year 2

- Practice theories
- Professional practice processes and assessment
- Advanced communication for social work and human services
- Social research for social change
- Health, wellbeing and social work
- Casework and case management
- Community and place-based practice
- Legal and ethical dimensions of social work and human services

Year 3

- Participatory community development
- Placement 1
- Social work electives x 3
- Mental health and social work

Year 4

- Critical social policy and advocacy
- Placement 2
- Critically reflective practice in organisations
- Complexity in social work and human services practice
- Social work electives x 2



Pursue your interests further

During my undergraduate sport and exercise science studies at QUT I developed a passion for exercise physiology. In particular, how to improve the performance and recovery of athletes. This inspired me to progress to a Master of Philosophy focused on the physiological responses and adaptations to exercise in extreme hot and humid environmental conditions. QUT has some of the leading experts in environmental physiology, neuromuscular fatigue and sports science, as well as world-class laboratory spaces and equipment, so the choice to undertake my research here was easy.

Benjamin McMaster

BACHELOR OF

Sport and Exercise Science

2020 selection rank (including adjustments) 70.00 | QTAC code 425302 | Campus Kelvin Grove | Duration 3 years full time

Assumed knowledge English, Math Methods and at least one of Chemistry, Physics, Biology | Offer guarantee 87.00 | Entry February

Sport and exercise science professionals apply their knowledge about exercise and its effect on the body to a variety of careers. These include improving strength and fitness of athletes undertaking performance analysis with sporting organisations, promoting health and wellness, health testing and education programs, or sport and recreation services in the tourism and hospitality sector.

Why choose sport and exercise science at QUT?

This course is one of the first university programs in Australia to offer you a clear pathway to a career as an accredited exercise scientist or accredited sports scientist. You will learn to apply complex knowledge to the design, delivery and evaluation of exercise programs, interventions and assessments that meet the specific needs of your clients.

Placement experiences may include:

- performance analysis of elite athletes and sportspeople
- strength and conditioning training
- school coaching and talent development
- corporate health.

You will develop confidence using industry equipment and technology with facilities on campus that include laboratories for biomechanics, motor control, injury prevention and resistance training.

Career outcomes

Graduates are prepared for a career in fitness, strength and conditioning coaching, performance analysis, corporate health, or exercise and sport science research. You may be employed with sporting teams, community health providers, corporate organisations, education providers, gymnasiums and sports centres, or in the tourism industry.

A research career can lead to developments in sport and exercise science that result in healthier communities, and fitter and stronger athletes.

Real experience

Complete 280 hours of professional placement with organisations including sporting associations, fitness centres, school coaching programs and academies of sport.

Professional recognition

This new course is provisionally accredited with Exercise and Sports Science Australia (ESSA). QUT will seek full accreditation with ESSA during 2020 to give graduates professional recognition as an accredited exercise physiologist.

Graduates seeking professional recognition as a sports scientist level 1 will need to complete a further minimum of 80 hours of sport employment in order to meet ESSA requirements.

Course requirements

There are extra costs and requirements for this course including a blue card and vaccinations. See the course details at qut.edu.au/study

Your course

Year 1

- Anatomy
- Foundational practice in exercise science
- Sport and exercise across the lifespan
- Principles of coaching and instructional practice
- Food and nutrition
- Physical activity and health
- Exercise psychology
- Physiology

Year 2

- Exercise physiology
- Functional anatomy
- Evidence-based practice in exercise science
- Skill acquisition
- Motor control
- Biomechanics
- Exercise conditioning
- Resistance training

Year 3

- Exercise and sports nutrition
- Sports injury prevention and rehabilitation
- Sport psychology
- Sport and exercise science practicum 1
- Performance analysis
- Strength and conditioning
- Sports physiology
- Sport and exercise science practicum 2

BACHELOR OF

MASTER OF

Vision Science/Optometry

2020 selection rank (including adjustments) 98.00* | QTAC code 425312 | Campus Kelvin Grove | Duration 5 years full time
Assumed knowledge English, Chemistry, Math Methods, Physics | Offer guarantee No | Entry February

Optometrists are primary eye care practitioners and are often the first point of contact for people seeking advice about their eyes and vision. Optometrists provide regular, preventative care through the early detection of eye disease and conditions that impact vision. They provide treatment and advice about eye disease and vision problems. Optometrists use ocular drugs to assist in the detection and therapeutic management of eye conditions.

Why choose optometry at QUT?

QUT offers the only optometry training in Queensland. The optometry program includes a three-year Bachelor of Vision Science followed by a two-year Master of Optometry.

In our on-campus clinic, under the supervision of registered optometrists, you will provide specialist services in ophthalmic lenses, contact lenses, children's vision, dry eye, glaucoma, and other eye diseases and conditions with ocular effects, such as diabetes.

You will receive individual attention from highly experienced lecturers and clinicians. Our staff are active researchers and experienced optometrists. We maintain connections with the profession, and our guest lecturers are optometrists from private practice and experts from other health disciplines such as medicine and pharmacy.



Share your success

Growing up in rural NSW, I was always aware of the lack of services available to communities like mine. What ultimately led me to optometry was spending time with my childhood optometrist and watching what he did. At QUT, having lecturers who were also practising clinicians was amazing. They were able to provide real-world case studies and examples which was invaluable. I also loved seeing patients at the QUT Health Clinics, doing external placements, as well as volunteer work at schools, screening days, and events. I'm now an optometrist based in rural NSW, travelling around to practise and giving back to small communities.

Lauren Hutchinson

* Field positions or other ranks were used to select applicants at the threshold.

▲ You must complete the Bachelor of Vision Science with a minimum grade point average of 4.0 to be eligible for entry to the Master of Optometry.

The selection rank is a good indication of the equivalent ATAR. For more detail about this course and entry requirements, see pages 46–49 or visit qut.edu.au/study

Real experience

You will examine, diagnose and treat patients with a range of conditions at the QUT Optometry Clinic using state-of-the-art ophthalmic instruments. You will also complete placement in optometric practices, ophthalmology practices and at community events, and in rural and remote areas of Australia. There is also the opportunity for international experiences.

Career outcomes

Graduates work in clinical practice in a range of optometric settings, or in teaching and research positions in Australia and overseas. Many graduates enter private practice and may specialise in contact lens practice, paediatric vision, occupational/public health vision or low vision. An increasing number of graduates work in ophthalmology clinics.

You may choose to exit with a three-year Bachelor of Vision Science, to pursue a research career (following completion of an honours year) or find employment in the ophthalmic industry.

Course requirements

There are extra costs and requirements for this course including ophthalmic equipment, a blue card and vaccinations. See the course details at qut.edu.au/study

Student registration

QUT automatically registers students enrolled in this course with the Optometry Board of Australia in accordance with the *Health Practitioner Regulation National Law Act 2009*. Details about student registration are available from the Australian Health Practitioner Regulation Agency at ahpra.gov.au

Professional recognition

The Bachelor of Vision Science and Master of Optometry are accredited by the Optometry Council of Australia and New Zealand. On completion of both programs you are eligible for registration as an optometrist with the Optometry Board of Australia.

Your course

<p>Bachelor of Vision Science</p> <p>Year 1</p> <ul style="list-style-type: none"> • Mathematics and statistics for medical science • Cell and molecular biology • Communication for health professionals • Foundations of anatomy and histology • Human physiology • Foundations of optometric practice • Biomedical physics • Chemistry for health sciences 	<p>Master of Optometry^A</p> <p>Year 1</p> <ul style="list-style-type: none"> • Optometry in special needs groups • Contact lens practice • Primary care clinic 7 • Research methods in optometry and vision science • Therapeutic management of eye disease • Specialist clinic 8 • Primary care clinic 8 • Research project
<p>Year 2</p> <ul style="list-style-type: none"> • Optics 1 • Disease processes • Ocular anatomy and physiology 3 • Ophthalmic optics 3 • Visual science 3 • Ocular anatomy and physiology 4 • Foundations of pharmacology • Ophthalmic optics 4 	<p>Year 2</p> <ul style="list-style-type: none"> • Evidence-based optometry • Specialist clinic 9 • Clinical practice 9 • Optometry in professional practice • Specialist clinic 10 • Clinical practice 10
<p>Year 3</p> <ul style="list-style-type: none"> • Visual science 4 • Diseases of the eye 5 • Ocular pharmacology • Assessment of vision 5 • Microbiology • Diseases of the eye 6 • Binocular vision • Assessment of vision 6 	

Your application

1. Find the course that suits you

We can help you figure out your future. Visit qut.edu.au/study to find out as much as possible about the courses you are interested in studying, access the Match My Skills quiz, or explore the START QUT program which allows you to study subjects at QUT while you are in high school.

2. Check the entry requirements

For admission to QUT you must have completed Australian Year 12 (or equivalent), or be aged 18 years or older and applying on the basis of previous study or work/life experience.

How selection is made

For most QUT courses you are selected on the basis of an ATAR or selection rank. Course thresholds on pages 48–49 indicate the lowest selection rank to which an offer was made inclusive of adjustment factors in the 15 January 2020 offer round.

Thresholds can change from year to year and should be used as a guide only.

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

Assumed knowledge

For most courses, QUT has an assumed knowledge scheme. This means that we don't use specific school subjects as entry criteria for our courses; however we assume you have this knowledge when you study with us. You may struggle with your studies if you don't have the assumed knowledge. Visit qut.edu.au/assumed-knowledge

Bridging programs

If you do not have the assumed knowledge we strongly recommend completing a bridging program through QUT or other recognised providers. Visit qut.edu.au/study/bridging-programs

Additional entry requirements

Bachelor of Nursing single and double degrees have specific English language requirements. Refer to page 24 or see the online course information at qut.edu.au/study

English language proficiency

For other courses, you must demonstrate that you can speak, write, read and comprehend academic English to a specific standard. If you have an Australian Year 12 qualification, you meet the English proficiency standards. If your first language is not English and you have not undertaken senior schooling, higher study or significant professional work experience in the English language as recognised by QUT, you must demonstrate your English language proficiency.

QUT offer guarantee

Our offer guarantee can give you peace of mind about your study choices. If you receive an ATAR or selection rank equal to or higher than the offer guarantee, you are guaranteed a place in the course regardless of the threshold. This means that when you know your ATAR or selection rank you can check your eligibility for a QUT course before receiving an offer. You still need to lodge a QTAC application by the closing date. Check the offer guarantee for each course on pages 48–49. A small number of courses do not participate in the offer guarantee.

3. Investigate the admission pathways

Your background

You may have different admission pathways depending on your background, such as Year 12, vocational education and training (VET), higher education study or work experience. Selection ranks can be assigned to each of your qualifications and experience. QUT will generally use the best of your ATAR/selection ranks for entry, however if you're a current Year 12 student, or have completed Year 12 within the past two years with no further study or employment, the minimum requirement for entry is an ATAR, completed International Baccalaureate (IB) Diploma, or Queensland Certificate of Education (or equivalent).

Overseas qualifications

QUT will consider equivalent recognised overseas qualifications for admission purposes. If you have secondary or tertiary qualifications from countries where English (as recognised by QUT) is not the standard language of instruction, you must provide evidence of English language proficiency. For more information visit qtac.edu.au

4. Consider selection rank adjustments

You may be eligible for selection rank adjustments, making you more competitive for a course offer. The maximum possible adjustment is 10 selection ranks across all schemes. Adjustments may not apply to all courses. Visit qut.edu.au/apply/adjustment-schemes

Equity adjustment—educational disadvantage

If you have been disadvantaged in your education, you can apply for the Educational Access Scheme (EAS). If you are eligible for the financial hardship category and enrol to study at QUT, you will also receive a guaranteed \$3500 QUT Equity Scholarship. Apply for the EAS on your QTAC application.

Elite athlete adjustment

If you are an elite athlete, we encourage you to apply for the QUT elite athlete entry scheme via QTAC. You may receive an adjustment of up to six selection ranks. Current Year 12 students and non-Year 12 applicants may be eligible. Support with managing your studies and scholarships may also be available.

Subject adjustment—Year 12 subject scheme

QUT's Year 12 subject scheme offers adjustments for successfully passing certain school subjects or completing a university subject while at school (e.g. START QUT) for 2020 Year 12 students applying for entry in 2021.

Aboriginal and Torres Strait Islander people

The Oodgeroo Unit's Centralised Assessment Selection Program assists Aboriginal and Torres Strait Islander applicants with QUT entry by recognising life experiences, any study undertaken, skills, commitment and potential. If you identify via QTAC as an Indigenous Australian and list QUT in your top three preferences, the Oodgeroo Unit will contact you. Financial and study support is also available. Visit qut.edu.au/about/oodgeroo

5. Check the costs and apply for scholarships

Course fees

If you are a domestic undergraduate student you will study in a Commonwealth supported place (CSP). Your fees will be partly funded by the government and you also pay a contribution to the course cost. Your student contribution depends on the number of units you study and the band for each unit. You may be eligible for a HECS-HELP loan to defer payment of your fees. For more information check the course details at qut.edu.au/study

2020 student contribution bands for Commonwealth supported students

Band	Estimated cost (two semesters)
Band 1 Education, nursing, visual and performing arts, behavioural science, social studies, foreign languages	\$6684
Band 2 Computing, built environment, health, engineering, mathematics, statistics, science, surveying	\$9527
Band 3 Accounting, administration, economics, commerce, law	\$11 155

Scholarships

QUT is proud to offer a broad range of scholarships to recognise and support students. Visit qut.edu.au/scholarships

6. Make your application count

Applications for QUT undergraduate courses, including the Master of Social Work-Qualifying, are made through the Queensland Tertiary Admissions Centre (QTAC) online application service. For advice about how to apply and ordering your QTAC preferences, visit qtac.edu.au

International students completing Year 12 studies in Australia must apply through QTAC. All other international applicants must apply directly to QUT or through one of our authorised agents or representatives. Visit qut.edu.au/international or phone (Australia Freecall) 1800 181 848.

Have a back-up plan

If you don't think you will receive the ATAR or selection rank for entry to your preferred course you can undertake further study to receive a new selection rank. This is called upgrading. Your options include completing one year of degree-level study, completing a diploma or advanced diploma, or a TAFE QUT dual award with human services or social work. Make sure you consider these options when completing your QTAC application. For details visit qut.edu.au/upgrading

If you choose to undertake degree study as your upgrading pathway, the table below shows how your grade point average (GPA) is converted to a selection rank to be used for entry to another degree.

GPA (7-point scale)	Selection rank
	One year or more full-time equivalent
6.50+	99.00
6.00-6.49	98.00
5.50-5.99	97.00
5.00-5.49	96.00
4.50-4.99	95.00
4.25-4.49	94.00
4.00-4.24	93.00
3.75-3.99	88.00
3.50-3.74	85.00
3.25-3.49	82.00
3.00-3.24	79.00
2.75-2.99	76.00
2.50-2.74	72.00
2.25-2.49	67.00
2.00-2.24	60.00
< 2.00	45.00

7. Accept your offer

QTAC will notify you by email if you receive an offer. Once you have accepted your offer through QTAC, you can enrol at QUT via a link in your QTAC application. Visit qut.edu.au/apply/what-happens-next

Advanced standing

You can apply for advanced standing (credit) after you have received your QTAC offer. Students who have completed an IB Diploma may receive advanced standing for some units. Visit qut.edu.au/credit

Deferment

If you are a domestic applicant you can defer the start of your study for one year, except in some courses with admission requirements such as portfolio, audition, prior study or work experience, or where course changes do not permit deferment. In many circumstances, QUT may grant a further deferment of up to 12 months. For courses that are offered in both February and July, you can also request deferment of six or 18 months. Visit qut.edu.au/deferment



Confident start

I really enjoyed START QUT and it reinforced that QUT was 100 per cent for me. I loved the atmosphere and meeting people who shared my passions. When starting uni, I was more prepared and confident with a good understanding of what was expected for assessment and what the lectures and tutorials looked like. It gave me a great head start and I felt like I belonged.

Zoie Mearns
START QUT

Health at a glance

Course	Campus	QTAC code	Duration (years)	Assumed knowledge	2020 selection rank (including adjustments)	Offer guarantee	Deferment	Entry	
Single degrees									
Behavioural Science (Psychology)	KG	425081	3F or 6P ²	English	77.00	93.00	Yes	February July	
Biomedical Science	GP	418401	3F or 6P ²	English, Math Methods, Chemistry, Biology	75.00	93.00	Yes	February	
Clinical Exercise Physiology	KG	425422	4F	English, Math Methods, and at least one of Chemistry, Physics, Biology	82.00	93.00	Yes	February	
Health Information Management	KG	425391	3F or 6P ²	English	72.00	87.00	Yes	February	
Human Services	KG	425071	3F or 6P ²	English	70.00	87.00	Yes	February July	
Medical Imaging (Honours)	GP	418182	4F	English, Math Methods, Physics	99.00*	No	Yes	February	
Medical Laboratory Science	GP	418201	4F or 8P ²	English, Math Methods, Chemistry	70.00	87.00	Yes	February	
Nursing	KG	425231	3F or 6P ²	English+	79.00	93.00	No	February July	
Nursing—graduate entry	KG	425252	2F	English+ Prerequisite: Applicants must have successfully completed a bachelor degree not in nursing in the past 10 years.	93.00	No	No	February July	
Nutrition and Dietetics (Honours)	KG	425442	4F	English, Math Methods, Chemistry	94.00	No	Yes	February	
Nutrition Science	KG	425332	3F	English, Math Methods, Chemistry	70.00	93.00	Yes	February	
Paramedic Science	KG	425592	3F	English	92.00	93.00	Yes	February	
Paramedic Science—graduate entry	KG	425582	2F	Prerequisite: Applicants must have successfully completed an Australian bachelor degree in a health science or medical science field in the past 10 years.	95.00	No	Yes	February	
Pharmacy (Honours)	GP	418512	4F	English, Math Methods, Chemistry	77.00	93.00	Yes	February	
Podiatry	KG	425222	4F	English, Math Methods, Chemistry	82.00	93.00	Yes	February	
Podiatry—graduate entry	KG	425102	2.5F	Prerequisite: Applicants must have successfully completed a bachelor degree in a health science or medical science field in the past 10 years.	93.00^	No	Yes	July	
Public Health	KG	425372	3F	English	72.00	87.00	Yes	February	
Radiation Therapy	GP	418192	4F	English, Math Methods, Physics	96.00	No	Yes	February	
Social Work	KG	425042	4F	English	72.00	87.00	Yes	February July	
Sport and Exercise Science	KG	425302	3F	English, Math Methods, and at least one of Chemistry, Physics, Biology	70.00	87.00	Yes	February	
Vision Science/Optomety [†]	KG	425312	5F	English, Chemistry, Math Methods, Physics	98.00*	No	Yes	February	
Double degrees									
Behavioural Science (Psychology)	Business	KG GP	409532	4F	English; and for accountancy, finance, financial planning, economics and marketing: Maths	79.00	93.00	Yes	February July
	Justice	KG GP	409752	4F	English	77.00	93.00	Yes	February July
	Laws (Honours)	KG GP	409572	5.5F	English	87.00	93.00	Yes	February July
	Nursing	KG	425112	4F	Prerequisite: English+	79.00	93.00	No	February
	Social Work	KG	425062	5F	English	77.00	93.00	Yes	February July

Course		Campus	QTAC code	Duration (years)	Assumed knowledge	2020 selection rank (including adjustments)	Offer guarantee	Deferment	Entry
Biomedical Science	Business	GP	419432	4F	English, Math Methods, Chemistry, Biology	79.00	93.00	Yes	February
	Laws (Honours)	GP	419462	5.5F	English, Math Methods, Chemistry, Biology	87.00	93.00	Yes	February
	Mathematics	GP	419112	4F	English, Math Methods, Chemistry, Biology	89.00	93.00	Yes	February
Human Services	Business	KG GP	409022	4F	English; and for accountancy, finance, financial planning, economics and marketing; Maths	79.00	93.00	Yes	February July
	Creative Industries	KG	429062	4F	English	70.00	87.00	Yes	February July
	Justice	KG GP	409092	4F	English	70.00	87.00	Yes	February July
	Public Health	KG	425772	4F	English	72.00	87.00	Yes	February
Nursing	Behavioural Science (Psychology)	KG	425112	4F	English+	79.00	93.00	No	February
	Paramedic Science	KG	425992	4F	English+	92.00	93.00	No	February
	Public Health	KG	425282	4F	English+	79.00	93.00	No	February
Nutrition Science	Communication (Professional Communication)	KG	429512	4F	English, Math Methods, Chemistry	70.00	93.00	Yes	February
Paramedic Science	Nursing	KG	425992	4F	English+	92.00	93.00	No	February
Public Health	Communication (Professional Communication)	KG	429522	4F	English	72.00	87.00	Yes	February
	Nursing	KG	425282	4F	English+	79.00	93.00	No	February
	Human Services	KG	425772	4F	English	72.00	87.00	Yes	February
Social Work	Behavioural Science (Psychology)	KG	425062	5F	English	77.00	93.00	Yes	February July

QUT continually updates its courses to ensure relevance to the real world and to maximise choice and flexibility for students. For the latest in-depth course information visit qut.edu.au/study

Footnotes

F = full time
P = part time

GP = Gardens Point
KG = Kelvin Grove

- Evening only classes are not available.
- * Field positions or other ranks were used to select applicants at the threshold.
- + For information about English requirements for nursing degrees see page 24.
- ^ The graduate-entry selection rank is from the Semester 2, 2019 offer round.
- † You must complete the Bachelor of Vision Science with a minimum grade point average of 4.0 to be eligible for entry to the Master of Optometry.

The selection rank shown is the lowest to receive an offer in the 15 January 2020 offer round inclusive of adjustment factors.

The selection rank is a good indication of the equivalent ATAR. The 2020 selection rank should be taken as a general indication only. Courses may be harder or easier to get into from year to year, depending on demand for the available places.

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 Extension, 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 assumed knowledge subjects visit qut.edu.au/assumed-knowledge

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

HEALTH

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Gardens Point campus

2 George Street, Level 3, V Block

Kelvin Grove campus

Victoria Park Road, Level 2, R Block

International students

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Phone +61 3 9627 4853

qut.edu.au/international

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In 2020, online activities may replace in-person events. To make sure you don't miss out on any opportunities, register your details at 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. Some courses are not open to international students. To check the courses that are available for international student entry, or for more information about QUT, visit qut.edu.au/international

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QUT is committed to sustainability. The paper used in QUT Health Undergraduate Guide 2021 has the credentials:



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