

Science

Undergraduate &
Postgraduate Courses
International Students



Join a university where creativity meets technology

When you study at UTS, you join a community of inspired students, staff and industry partners who are shaping the future. We are one of the top 150 universities* in the world, known for our practical approach to learning and research. We also rank 15th in the world and 2nd in Australia for overall contributions to Sustainable Development^.

Our international community is an important part of our identity. We offer one of the most generous scholarship programs for international students in Australia: from academic excellence awards to full-award scholarships, our financial support can help you thrive at UTS. We also provide international student support including English language support and accommodation services.



Advance your career with a UTS Science degree

UTS Science is a world-class research-intensive faculty with an international reputation for its research quality and impact across a wide range of disciplines.

We'll equip you with STEM specific skills, but we won't stop there: you'll also gain critical interpersonal and practical skills, such as problem-solving, numerical literacy, analytical thinking, and the ability to build lasting professional relationships. You'll graduate with a toolkit of expertise that you can apply just about anywhere.

Rewarding careers, in or outside of the lab

Fight climate change with renewable energies, use biostatistics to help people live longer and healthier lives, diagnose and cure diseases with medical science expertise, or work at the forefront of new discoveries that lead to the next generation of quantum technologies. As a scientist, you can use knowledge to change the world for good.

Interested in life outside the lab? Pursue scientific and professional roles across a wide range of industries, including business, government, law, health, food and agriculture, pharmaceutical companies, medical diagnostics and treatment companies, hospital science, mining and construction, and education.

No. 1
UTS ranked
Australia's
#1 young* uni



UNDERGRADUATE

Which UTS Science degree is right for me?

UTS Science degrees are dynamic, hands-on and designed to meet industry need. When you study with us, you'll find yourself at the cutting edge of contemporary science practice, gaining the theoretical knowledge and practical expertise that will help you stand out from the crowd.

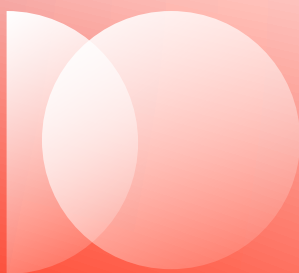
Science is all about solving problems, thinking critically and combining research and discipline expertise to the challenges that shape our world. So which degree is right for me?



UNDERGRADUATE / BACHELOR PROGRAMS

Specialised focus	CRICOS code	Benefits
Bachelor of Advanced Science	084270E	<ul style="list-style-type: none"> - Focus - Clear profile - You already know what you want to do!
Bachelor of Molecular Biotechnology	026806C	
Bachelor of Environmental Biology	079561C	
Bachelor of Forensic Science	092381J	
Bachelor of Medical Science	023607A	
Bachelor of Marine Biology and Climate Change	079735G	
Bachelor of Mathematical Sciences	106661D	

Broader and more adaptable		Benefits
Bachelor of Science CRICOS code: 040705B		
Majors: <ul style="list-style-type: none"> - Biotechnology - Chemistry - Environmental Sciences - Mathematics - Medical Sciences - Physics 	Flexible (no specific major): <ul style="list-style-type: none"> - Life and Environmental Sciences - Physical Sciences 	<ul style="list-style-type: none"> - Flexible - Major & sub-major options - Customisable - Ease of moving between majors



POSTGRADUATE

Postgraduate coursework to fast track your career

Fast track your career with a postgraduate science degree. Whether you've got your sights set on a senior role in the lab or industry, or you're shifting your career to science or a new area of science in industry where there is a high demand for employees, UTS's advanced qualifications are designed to meet skills shortages and future industry demand. They're characterised by hands-on learning, an industry-informed curriculum and flexible study options that will help you balance work, life and university.

All our Masters courses have professional subjects relevant to all professional scientists. You can also choose additional professional subjects and design a portfolio of skills relevant to your chosen career.



POSTGRADUATE / MASTER PROGRAMS

Programs:

Master of Science – 18 months | CRICOS: 071909M
 Master of Science (Extension) – 2 years | CRICOS: 080273A

Benefits:

- major in your discipline area of choice
- more subject choices

Majors:

- Advanced Studies (flexible choice of science subjects)
- Analytical Chemical Technologies
- Biomedical Engineering
- Environmental Consultancy and Conservation
- Mathematics and Data Science
- Medical Laboratory Science

Focused and more specialised Master programs

Master of Medical Biotechnology – 18 months
 Master of Medical Biotechnology (Extension) – 2 years

Master of Forensic Science – 18 months
 Master of Forensic Science (Extension) – 2 years

Master of Mathematics and Quantitative Finance
 Master of Quantitative Finance
 Master of Data Science in Quantitative Finance

CRICOS code

098057F
 098056G

098061K
 098060M

107830F
 088930G
 107831E

Research pathway, 1 year research project

CRICOS code

Transfer into:

Master of Philosophy in Science
 Master of Philosophy in Medical Biotechnology
 Master of Philosophy in Forensic Science

080272B
 098055G
 098062J



Interested in a pathway to research?

If you study one of our Extension courses, you can transfer into the Master of Science in Philosophy, Masters of Philosophy in Medical Biotechnology or Masters of Philosophy in Forensic Science, which all include a one-year research project.

UTS's research strengths in Science are:

- Medical Science
- Environmental Sciences
- Forensic Science
- Mathematical Sciences
- Marine Biology & Climate Change
- Chemistry
- Physics
- Biotechnology & Bioinnovation



Hands-on learning in world-class facilities

UTS Science teaches practical, relevant and innovative science and maths courses in world-class facilities at our vibrant city campus.

- **15 teaching laboratories dedicated to teaching and learning.** Each is fitted with state-of-the-art scientific and analytical instruments, electronic lecterns and computers.
- **Modern computer labs** with 24/7 access and advanced computing facilities with the latest mathematical and statistical software.
- Our **Hive Superlab** holds up to 270 students. Each coloured space is a distinct zone with specialist AV. Up to seven classes can run simultaneously, creating opportunities for cross-disciplinary collaboration and cross-pollination of knowledge and ideas.
- Our **Science Super Lab** consists of 25 workbenches for up to eight students. Each student has a monitor in front of them which will show a combination of information from the demonstrator's station as well as their own data input from their bench computer.
- Forensic Science students have access to two **Crime Scene Simulation Labs**, providing them with practical experience in crime scene investigations. One is set up like a city apartment, and the other with a range of commercial environments, including a cafe, retail outlet and office.



The University of Technology Sydney (UTS) is a leading university of technology and among the top 150 universities in the world. UTS prepares students for the challenges of today and tomorrow through its future-focused approach to learning and research. Located in Sydney's technology precinct, UTS is minutes away from the city's business district and some of Australia's most innovative companies and startups.


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