



Australian  
National  
University

# Postgraduate Student Guide

ANU College of Science and Medicine



OUR DEGREES

DEGREE NAME	DESCRIPTION	DURATION (FULL TIME)	SEMESTER INTAKE	ENTRY REQUIREMENTS	CRICOS CODE	PAGE
Doctor of Medicine and Surgery	<p>The ANU Doctor of Medicine and Surgery is a comprehensive and varied program for graduate students looking to enter the rewarding field of medicine. It aims to produce graduates who are committed to compassionate, ethical health care and the expansion of medical knowledge.</p> <p>Recognized by the Australian Medical Council (AMC).</p>	4 years	1	Applicants must have completed or be studying the final year of an AQF Level 7 Bachelor Degree or AQF Level 8 Bachelor Honours Degree. Admission is based on: Weighted GPA as approved by the School of Medicine and Psychology (25%); GAMSAT score (25%) and; Interview (50%). The minimum Weighted GPA for interview consideration is 5.0. An overall score of 50 with at least 50 in each of the three sections of the GAMSAT. Postgraduate study may be considered as part of admission when ranking applicants for interview. Meeting the minimum criteria does not guarantee an interview.	077442D	5
Master of Biotechnology	Place yourself at the forefront of innovation, engineering organisms to address issues of food security, disease and climate change. Study alongside our leading researchers who work on issues of global importance in areas of biochemistry and molecular biology in the biomedical, animal and plant sciences.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0, with at least 8 courses in a cognate discipline, which must also have a minimum GPA of 5.0/7.0. The program also has a chemistry/biochemistry pre-requisite which requires a minimum of 2 courses of undergraduate chemistry/ biochemistry.	082279A	8
Master of Biotechnology (Advanced)	The Advanced program incorporates a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0, with at least 8 courses in a cognate discipline, which must also have a minimum GPA of 5.5/7.0. The program also has a chemistry/biochemistry pre-requisite which requires a minimum of 2 courses of undergraduate chemistry/ biochemistry.	082280G	8
Master of Clinical Psychology	This degree is the fundamental professional qualification in clinical psychology, and will provide you with postgraduate clinical training to practice in a range of clinical settings such as hospitals, community health centres and private practice.	2 years	1	Completion of an APAC accredited Bachelor degree with Honours in Psychology or international equivalent with a GPA of at least 5.5/7.0 or completion of an APAC accredited AQF Level 8 qualification, which must include a substantial research methodology component in Psychology, with a GPA of at least 5.5/7.0. Two referee reports, completion of a supplementary form and CV. Successful assessment of suitability which will be based on interview, supplementary form, CV and the referee reports. Eligibility for provisional or full registration with the Psychology Board of Australia.	003116G	9
Master of Earth Sciences (Advanced)	In this program students will delve into the complex systems and processes that shape our planet, at Australia's leading academic research institution for Earth sciences. Study courses from different Earth science disciplines and undertake training on how to gather data and interpret results, before undertaking a research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0, with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.	082288M	10
Master of Energy Change	Climate change is one of the greatest challenges of the 21st century, and can only be solved with a worldwide transition to carbon-free forms of energy. In this interdisciplinary degree, you'll tailor a suite of courses suited to your individual interests, skills and aspirations, developing your expertise in the relevant policy, legal, technological, environmental and regulatory aspects of energy change.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0, with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses.	082291E	12
Master of Energy Change (Advanced)	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0, with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.	082292D	12
Master of Neuroscience	How does our brain impact our behaviour and cognitive functions? How does our nervous system work? This program will give you both theoretical and practical knowledge of the modern concepts in neuroscience and methodologies employed to answer these questions.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0, with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses.	082376M	13
Master of Neuroscience (Advanced)	Master of Neuroscience will also provide you with the skills to find employment in the biomedical sciences sector, including in clinical research, with pharmaceutical companies and in policy development. The Advanced program incorporates a research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0, with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.	082342K	13
Master of Professional Psychology	The Master of Professional Psychology is an alternative pathway to your professional career in psychology, without needing an Honours degree. This program constitutes two years of postgraduate university study, after which graduates undertake a one-year internship and the relevant national psychology examination.	2 years	1	Completion of an Australian bachelor degree or international equivalent with an APAC accredited sequence of courses in Psychology with a GPA of at least 5.0/7.0. Two referee reports, submission of a supplementary form and CV. Successful assessment of suitability which will be based on interview, supplementary forms, CV and the referee reports.	096441C	14
Master of Science in Astronomy & Astrophysics	This program covers a broad range of areas including astrophysical techniques and computing, planetary science, stellar astrophysics, galaxies and cosmology. Some of these courses will provide opportunities to contribute to research by analysing telescope data, developing theoretical models, or testing of new astronomical instrumentation.	2 years	1 & 2	A Bachelor degree or international equivalent with a GPA of 5.0/7.0 with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses with a minimum of 2 courses of undergraduate second year Physics; and a minimum of 1 courses of undergraduate second year Mathematics.	0101476	15
Master of Science (Advanced) in Astronomy & Astrophysics	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a GPA of 5.5/7.0 with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses with a minimum of 2 courses of undergraduate second year Physics; and a minimum of 2 course of undergraduate second year Mathematics. Completion of ASTR3005 Astrophysics Research Topic or equivalent.	0101477	15



DEGREE NAME	DESCRIPTION	DURATION (FULL TIME)	SEMESTER INTAKE	ENTRY REQUIREMENTS	CRICOS CODE	PAGE
<b>Master of Science in Biological Sciences</b>	This program allows you to specialise in a particular area of biology such as biomedical sciences, ecology and evolution, genetics, and plant sciences. Alternatively, you can utilise the program to provide a broad overview of biological sciences today.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses.	096439G	16
<b>Master of Science (Advanced) in Biological Sciences</b>	This program offers a research component which provides the student an opportunity to conduct hands-on research in a laboratory of a research scientist/supervisor.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.	096440D	16
<b>Master of Science in Earth Sciences</b>	This program delves into the complex systems and processes that shape our planet at a time when understanding it has never been more important.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses.	0101480	11
<b>Master of Science in Materials Science</b>	This program includes a mix of coursework and research projects, equipping you with the required skills and knowledge of the scientific, technical, and societal aspects of materials to be highly competitive in the rapidly expanding materials science industry of the present day and of the future.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. with at least 8 courses in a cognate discipline with a minimum GPA of 5.0/7.0. Applicants are required to have the equivalent of an ANU minor in Chemistry and a minimum of 2 courses of undergraduate Maths and a minimum of 2 courses of undergraduate Physics.	102930J	17
<b>Master of Science (Advanced) in Materials Science</b>	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0. with at least 8 courses in a cognate discipline with a minimum GPA of 5.5/7.0. Applicants are required to have the equivalent of an ANU minor in Chemistry and a minimum of 2 courses of undergraduate Maths and a minimum of 2 courses of undergraduate Physics.	102931H	17
<b>Master of Science in Nuclear Science</b>	Students will study the fundamentals and applications of nuclear science, including materials analysis, dating techniques, nuclear medicine, and nuclear energy. The degree is a mix of coursework and projects, comprising individual and group-based research. You will develop the scientific background you need for informed debate on nuclear issues, without advocating a particular position.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. With at least 6 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses, or with completion of the Graduate Certificate of Nuclear Technology Regulation with a minimum GPA of at least 5.0/7.0 and at least 2 courses in a cognate discipline, which must also have a minimum GPA of 5.0/7.0	099254D	18
<b>Master of Science (Advanced) in Nuclear Science</b>	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0. with at least 6 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.	099251G	18
<b>Master of Science in Precision Instrumentation &amp; Measurement</b>	In this program students have the opportunity to learn the most advanced techniques for studying the heavens, the Earth, and everything in-between. The interdisciplinary expertise students acquire will impact on diverse areas of fundamental scientific research as well as industrial applications. The degree is a mix of coursework and projects, comprising individual and group-based research.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. with at least 8 courses in a cognate discipline with a minimum GPA of 5.0/7.0. Mathematics equivalent to the level of MATH2305.	099248B	19
<b>Master of Science (Advanced) in Precision Instrumentation &amp; Measurement</b>	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0. with at least 8 courses in a cognate discipline with a minimum GPA of 5.5/7.0. Mathematics equivalent to the level of MATH2305.	099249A	19
<b>Master of Science in Quantitative Biology and Bioinformatics</b>	This program provides students with experience in the use of methods and tools to organise and analyse biological data, statistically, mathematically and computationally.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses.	096439G	20
<b>Master of Science (Advanced) in Quantitative Biology and Bioinformatics</b>	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses, and must include at least 4 courses from the following disciplines: computer science, mathematics, statistics or computational chemistry.	096440D	20
<b>Master of Science in Quantum Technology</b>	This program equips you with the required skills and knowledge of the scientific, technical, business and societal aspects of quantum technology to be highly competitive in the emerging quantum industries of the present day and of the future.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses.	099252F	21
<b>Master of Science (Advanced) in Quantum Technology</b>	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.	099253E	21
<b>Master of Science in Theoretical Physics</b>	This program brings students to the cutting edge of research in an interactive training environment, being taught by some of the world's leading theoretical physicists. You will discover the breadth of theoretical physics, including how non-linear dynamics can be applied to complex problems.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses.	0101481	22
<b>Master of Science (Advanced) in Theoretical Physics</b>	The Advanced program incorporates up to a year-long research project supervised by an academic.	2 years	1 & 2	A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0. with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.	0101482	22



# POSTGRADUATE COURSEWORK PROGRAMS

## Postgraduate coursework programs

A major component of a postgraduate coursework degree program is attendance at lectures and tutorials, examinations, and the submission of assessments such as essays and assignments.

Some postgraduate coursework programs also include a research component.

Our postgraduate coursework programs result in the award of the following qualifications:

### Graduate certificate:

Approximately 24 units, or six months of full-time study.

### Graduate diploma:

Approximately 48 units or one year of full-time study.

### Master degree:

Approximately 96 units, or two years of full-time study (or less with credit).

### Master (Advanced) degree:

Approximately 96 units, or two years of full-time study (or less with credit). It includes a 24-48 units supervised research project. The length of the thesis will vary depending on the program.

## Am I qualified to apply?

Postgraduate coursework programs require completion of an undergraduate degree to apply for a postgraduate coursework program. In most cases it will need to be in a cognate (related) discipline.

Each program has specific application requirements. For up to date information please refer to the Programs and Courses page or ANU website.

## When can I start?

Most degree programs have two intakes per year and can be started in either semester one (mid-to late February) or semester two (mid-July).

For up to date information please refer to the Programs and Courses page or ANU website.

## How much does it cost?

Fees for domestic and international students can be found in each of the program descriptions in this guide. Please note the fees listed are indicative only as they are dependent on your course selection and are subject to change. For up to date information please refer to the Programs and Courses page or ANU website.

## Are scholarships available?

Some of our research schools offer scholarships for specific programs. There are a number of ANU scholarships available to domestic and international students, as well as external scholarships managed by organisations outside of the University.

For more information, visit [study.anu.edu.au/scholarships](http://study.anu.edu.au/scholarships)

## How do I apply?

Domestic students apply for postgraduate coursework programs through the University Admissions Centre (UAC) at [uac.edu.au](http://uac.edu.au).

The closing date for semester 1 entry is the end of January, and the closing date for semester 2 entry is the end of June.

International students can apply for postgraduate coursework programs and find more information about closing dates online at [study.anu.edu.au/apply/international-applications](http://study.anu.edu.au/apply/international-applications)

Most applications submitted before the 15th day of each month will be considered for an offer on the 1st day of the following month.

You can change your degree preference between the 9th and 15th day of each month.

You will have two months to accept your offer from ANU.

## How long does it take to finish a Masters degree?

A Masters degree from ANU usually takes two years of full-time study to complete, but most programs can be fast-tracked with recognition of previous study in a related discipline.

## English Language Requirements

You must provide evidence of English language proficiency required for admission to ANU.

You may meet this requirement if your tertiary studies were entirely taught and assessed in English during the past two years.

If you are an international student and you completed your English studies more than two years ago, you will need to provide an English proficiency test certificate, such as the International English Language Testing System (IELTS) or the Test of English as a Foreign Language (TOEFL).

Test	Regular Degree Programs (including Exchange and Study Abroad, excluding Doctor of Medicine and Surgery, Master of Clinical Psychology, and Master of Professional Psychology)
Academic IELTS	An overall score of 6.5 with at least 6 in each component of the test.
IELTS UKVI Academic	An overall score of 6.5 with at least 6 in each component of the test.
TOEFL iBT Paper Edition**	All of the following: Overall score: 80 Reading: 20 Writing: 20 Listening: 18 Speaking: 18
TOEFL-iBT [excluding Paper Edition and Home Edition]**	All of the following: Overall score: 80 Reading: 20 Writing: 20 Listening: 18 Speaking: 18
Cambridge C1 Advanced	An overall score of 176 with a minimum of 169 in all sub-skills.
PTE Academic [excluding PTE Academic Online]	Overall 64, minimum score of 55 in each section.
PTE Academic UKVI [excluding PTE Academic Online]	Overall 64, minimum score of 55 in each section.

\*\*The TOEFL institutional code for the ANU is 0506. Applicants may use this code to report their TOEFL results to the university.\*

## Can I get credit for previous study?

Your prior study might count towards your Master degree, meaning you can complete the degree in less than two years.

If you have an Australian undergraduate degree (or international equivalent) in a related field, you might get up to six months' credit towards your Master degree.

If you have an Australian undergraduate degree with honours (or international equivalent) in a related field, or a graduate diploma in a related field, you may be eligible for up to 48 units (1 year) of credit, leaving you with only one year of full-time study to complete your Master degree.

Graduate certificate and graduate diploma awards are available as exit options in circumstances where the two-year Master degree cannot be completed.

For up to date information please refer to the Programs and Courses entry or ANU website.



For detailed admission requirements check the Programs and Courses website: [programsandcourses.anu.edu.au](http://programsandcourses.anu.edu.au)



# POSTGRADUATE RESEARCH

We offer Doctor of Philosophy (PhD) and Master of Philosophy (MPhil) postgraduate research programs across a range of disciplines in science.

Our postgraduate research students have access to cutting-edge research facilities and work alongside some of the world’s most influential and innovative academics.

## Pathways to a PhD

If you are interested in a PhD but your previous studies do not include a research component, you can consider an advanced Master degree, which combines coursework and research. Upon completion, you will have the skills to continue your research career and the academic qualifications needed to apply for a PhD.

You can find more information about our advanced Master programs in the postgraduate coursework section of this guide.

## Postgraduate research areas

### Astronomy and astrophysics:

The research interests of our staff include planetary science, cosmology, instrumentation, observational and theoretical aspects of extra-solar planets, stellar atmospheres and evolution, the interstellar medium, globular clusters, galactic structure, the Magellanic clouds, normal galaxies, active galaxies, radio sources, quasars, and cosmology.

### Biomedical science and biochemistry:

We offer research projects in a range of biological systems, which involve fundamental investigations and applications of molecular, physiological, cellular, developmental and genetic processes in animals, plants, microorganisms and viruses.

### Chemistry:

Our research groups work in areas from a wide spectrum of chemistry, including computational chemistry, materials science and protein structure and function. A large number of international scientists visit the groups each year and contribute to research projects, the extensive seminar series and graduate lecture series.

### Earth, marine and planetary sciences:

Our research in Earth sciences focuses on the physical and chemical Earth processes ranging from those that led to the Earth’s formation and shaped its subsequent evolution, to processes impacting on our current environment. Our research is multidisciplinary and encompasses the physical sciences, geology, and biology.

### Environment and resource management:

Our research students collaborate with world-renowned academic leaders in a wide range of topics spanning environment and society, including conservation biology, landscape ecology, interdisciplinary environmental studies, sustainability science, global change, environmental policy and economics, forest science and geography.

### Evolution, ecology and genetics:

Research in evolution, ecology and genetics is a broad-based program that aims to provide students with a diversity of opportunities and training in biological research, and encourages graduates to take advantage of the rich and diverse community of biologists engaged in teaching, research, environmental management and policy formulation in Canberra.

### Mathematical and computational sciences:

Broad research areas include advanced computation and modelling, algebra and topology; analysis and geometry; applied and nonlinear analysis; astronomy and astrophysics; mathematical physics; statistical science; and stochastic analysis. Students have the choice of studying mathematics and statistics in their own right and/or applying them in other disciplines.

### Physics:

The underlying impetus of our research in physics is a belief in the fundamental importance of physics to all of science. Research areas include applied mathematics, materials engineering, quantum science, optics and theoretical physics. Students have access to some of Australia’s most important installations, such as the only Heavy Ion Accelerator and centre for nuclear research in the country.

### Plant sciences:

Research in plant sciences serves as a focal point for graduate students interested in the broad range of research in plant biology that exists in the scientific community in Canberra. Students have the opportunity to work on research incorporating photosynthesis and plant energy biology; plant environmental biology and functional ecology; plant genetics and gene regulation; and plant-microbe interactions.

### Science communication:

Research in science communication is for graduates with an interest in how science is communicated to diverse non-scientific audiences. Students may examine a scientific issue from a public communication perspective, investigate how a particular medium works to engage people with science, or explore scientists’ experiences with communication.

## How to apply for a PhD or an MPhil

### STEP 1: Expression of interest

Prospective research students first need to identify a research project and find an academic supervisor.

If you are not sure which area of research or supervisor matches your interest please complete an expression of interest online at [science.anu.edu.au/hdr-expression-interest](https://science.anu.edu.au/hdr-expression-interest)

### STEP 2: Academic supervisor

Email your preferred academic supervisor directly to enquire about projects and supervision. You may also submit a short research proposal.

Once an academic supervisor has been confirmed to support your application you may proceed to step three.

### STEP 3: Scholarships

A number of scholarships are available and are awarded on a merit basis. You can also talk to your academic supervisor about other sources of funding you might access to assist with living expenses and tuition fees.

Please note, international research scholarships are only awarded to the most outstanding students and are extremely competitive.

Scholarship applications can be made when completing the program application process, step four.

### STEP 4: Application

Applicants should apply online at

[study.anu.edu.au/apply/postgraduate-research](https://study.anu.edu.au/apply/postgraduate-research)



# DOCTOR OF MEDICINE AND SURGERY

### Key facts

**Duration:** Four years full-time  
**Semester intake:** Semester 1 only  
**Indicative annual international fee:** \$99,650.00  
**CRICOS code:** 077442D

### Admission requirements

- > Applicants must have completed or be studying the final year of an AQF Level 7 Bachelor Degree or AQF Level 8 Bachelor Honours Degree.
- > All applicants must meet the University's English Language Requirements for Students.
- > Admissions is based on a composite score derived from your weighted Grade Point Average (GPA) (25%), GAMSAT or MCAT (25%) and interview score (50%).
- > The minimum weighted GPA for interview consideration is 5.0.
- > All sections of the GAMSAT must be passed and an overall score of 50 or more achieved.
- > Postgraduate study may be considered as part of admission when ranking applicants for interview.
- > Meeting the minimum criteria does not guarantee an interview.

For more detailed, up-to-date admission information, visit the [science.anu.edu.au/study/masters/doctor-medicine-surgery-mchd](https://science.anu.edu.au/study/masters/doctor-medicine-surgery-mchd)

### What is the GAMSAT?

The GAMSAT (Graduate Australian Medical School Admissions Test) is an exam designed to assess the capacity to undertake high-level studies in medical and health professional programs. The GAMSAT evaluates skills and abilities gained during undergraduate study. Specifically, mastery of basic science concepts, problem solving, critical thinking and writing.

Both domestic and international students can take the GAMSAT and use their score to apply for the Doctor of Medicine and Surgery (MChD) at ANU.

### What is the MCAT?

The MCAT (Medical College Admission Test) is a standardised, computer-based examination used to assess readiness for medical studies. It covers areas such as biological sciences, physical sciences, social sciences, and critical reasoning.

At ANU, the MCAT is accepted only from international applicants applying for the Doctor of Medicine and Surgery.

### Program overview

The Doctor of Medicine and Surgery or Medicinae ac Chirurgiae Doctoranda (MChD) program is a Level 9 AQF Masters by coursework qualification.

The MChD program is a comprehensive and varied program for graduate students looking to enter the rewarding field of medicine as professional medical practitioners.

The MChD is underpinned by four themes:

**Medical sciences**, covering a vast scope of ever-changing and expanding knowledge that forms the basis of modern medicine;

**Clinical skills**, which ensures the acquisition of knowledge is accompanied by communication skills, the ability to examine patients and critically appraise information;

**Population health**, addressing the relationship between humans, their society and environment;

**Professionalism and leadership develops** the knowledge, understanding and skills essential to the ethical practice of modern medicine.

The curriculum is built on important frameworks that explore the social foundations of medicine, develop understanding of the indigenous health context in Australia, and provide insights and experience in health care in rural and/or remote Australian settings. Consistent with the research-intensive nature of ANU, our program also develops the research skills of our students.



**Atul Sharma**  
Doctor of Medicine and Surgery

“Within the ANU medical program, students have the option to engage in placements across the country - from Canberra and the surrounding areas, to the Sydney Adventist Hospital, and, uniquely, the Northern Territory. I went to the Northern Territory to the remote town of Mutitjulu and Yulara, right next to Uluru. It was an amazing and insightful experience into remote health and Australian culture, as well as the wild and wonderful charm of the outback. This is an opportunity that I would not have been able to engage in unless I was studying at ANU”.

### Rural placement

The award-winning rural program offers rural opportunities throughout the course. During your six-week placement in South East NSW, you will develop an understanding of the challenges unique to rural medicine through first-hand experience and engagement with the local community.

### Rural stream

In the Rural Stream, you spend a year living and working in a rural town, well-supported by local academics and clinicians. You will follow an integrated, patient-based, longitudinal study program, combining medicine, surgery, and community and child health. You will contribute to the rural community through our strong partnerships with general practices, local hospitals and community services.

### International opportunities

Our students have had life-changing experiences during elective terms in international locations: anywhere from a clinic in the remote Scottish Highlands to a bustling hospital in a Chinese metropolis.

### Indigenous health stream

Our whole-of-curriculum perspective on Indigenous health is complemented by the Indigenous Health Stream. You will be supported to undertake your research project in Indigenous health, participate in cultural immersion trips and clinical placements in Indigenous communities, as well as working with the community and Indigenous health service providers.

\*Rural & indigenous health streams are available only for domestic student cohort.



# DOCTOR OF MEDICINE AND SURGERY ADMISSION PROCESS

STEP 1:  
**Completion of an undergraduate degree**

Applicant must have completed a bachelor's degree within the last 10 years or be due to complete in the year of application.

STEP 2:  
**Sit for the admission test**

Domestic applicants sit for the Graduate Australian Medical School Admissions Test (GAMSAT).

International applicants must sit either the Medical College Admission Test (MCAT) or GAMSAT.

STEP 3:  
**Apply**

Domestic applicants must apply through the Graduate Entry Medical School Admissions System (GEMSAS) [www.gemsas.edu.au](http://www.gemsas.edu.au)

International applicants must apply directly to ANU.

STEP 4:  
**Interview**

Selection for interview is based on a 50:50 composite score derived from your GPA (weighted 50%) and overall GAMSAT or MCAT score (weighted 50%).

If applicable, a percentage bonus may be added to your composite score for completion of a standalone Honours degree (2%), Masters by Research (2%) or PhD (4%).

Interviews for domestic candidates are conducted in September. Interviews for International and Indigenous candidates are conducted in July. All interviews are held online.

STEP 5:  
**Offer made**

Offer of a place will be based on a final score derived from the interview score (50%) and the composite GPA/GAMSAT score used for interview ranking (50%).

Domestic students will be offered either a Commonwealth Supported Place (CSP) or Bonded Medical Place (BMP) according to their final offer rank. Both places are government supported. A BMP has a return of service obligation which includes a commitment to work in eligible regional, rural and remote areas for a specific period of time after completion of the MChD program. Students who indicate in their GEMSAS application that they do not wish to be considered for a BMP place may be passed over in the offer round if their final offer rank is not sufficient for a CSP offer.

International students will be offered a full fee paying place.

**Indigenous Applicants**

ANU encourages applications from Aboriginal and/or Torres Strait Islander people. We have recognised places available in the MChD program each year to applicants of this background. All Indigenous students commencing the MChD are guaranteed a Scholarship. Applicants who identify as Aboriginal or Torres Strait Islander are welcome to apply through GEMSAS or directly to ANU. If applying directly, you will need to complete the application form on our website and provide all relevant supporting documentation.

Applicants are encouraged to visit [health.anu.edu.au/study/doctormedicine-and-surgery](http://health.anu.edu.au/study/doctormedicine-and-surgery) for more information.

Note : English proficiency requirement set by the Medical Board of Australia for internship registration is a minimum IELTS (academic) score of 7 in all four components.

**Understanding the entry requirements**

**Bachelor Degree:**

As a minimum, applicants must have completed a Bachelor Degree or be in the final year of their Bachelor Degree in the year of application. Bachelor degrees must be equivalent to an AQF level 7 qualification and must be comprised of at least three years of full time equivalent study (3.0 EFTSL).

There are no preferred bachelor degrees or prerequisite subjects. We welcome applicants from all undergraduate backgrounds.

**Grade Point Average (GPA):**

The GPA calculation is based on three years of full-time equivalent study (3.0 FTE) in your most recent eligible degree, or combination of eligible degrees (if applicable). For the purpose of the GPA calculation, eligible degrees include Bachelor, Honours, Graduate Diploma and coursework Masters programs. Course results from eligible degrees will be included in the GPA calculation if the degree is already complete or due to be completed by 31 December in the year of application.

The minimum weighted GPA for consideration is 5.0.

**GAMSAT or MCAT:**

GAMSAT, applicants must achieve a minimum overall score of 50, with a minimum score of 50 in each section for their application to be considered.

For MCAT, a minimum score of 125 in each section is required for the application to be considered.

For further enquiries, please contact : [admissions.smp@anu.edu.au](mailto:admissions.smp@anu.edu.au)

# MASTER OF BIOTECHNOLOGY



**Key facts**

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual domestic fee:** \$56,120.00

**Indicative annual international fee:** \$56,120.00

**CRICOS code:** 082279A / 082280G (Advanced)

**Cognate disciplines:** Biochemistry, Molecular Biology and Gene Technology

#1 in Australia for Natural Sciences\*  
\*QS World University Rankings 2025

**Admission requirements**

A Bachelor degree or international equivalent with a minimum GPA of 5.0/7.0, with at least 8 courses in a cognate discipline, which must also have a minimum GPA of 5.0/7.0. The program also has a chemistry/biochemistry pre-requisite which requires a minimum of 2 courses of undergraduate chemistry/biochemistry.

**Eligibility for credit**

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

**Program description**

The Master of Biotechnology is a coursework program that provides a pathway for science graduates with background knowledge in biochemistry, molecular biology and chemistry to acquire new knowledge, or extend and update their theoretical and practical understanding of modern biotechnology.

Throughout the program, students have many opportunities to interface with scientists who are advancing research in areas of biochemistry and molecular biology in the biomedical, animal and plant sciences.

**Career opportunities**

A Master of Biotechnology degree provides students with opportunities to carry out research in basic, medical or agricultural sciences in university, industry or government research institutions. Opportunities exist in scientific sales, pharmaceutical and pathology companies, or in government and public service positions. A Master of Biotechnology (Advanced) can lead to a PhD.



**STUDENT PROFILE**

**Mihir Vardhan Singh**

**Master of Biotechnology**

"I have always dreamt of working with the micro-and nanoscale world whose manipulations could contribute towards mankind. So I decided to pursue a Master of Biotechnology at ANU: the University has top-notch educational resources and exposure to the leading scientists in the world. This degree gives me insight into the real scientific world and challenges me to think and communicate like a scientist, which fascinates me enormously and drives me to continue learning."

**MASTER OF BIOTECHNOLOGY  
(ADVANCED)**

**Admission requirements**

A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0, with at least 8 courses in a cognate discipline, which must also have a minimum GPA of 5.5/7.0. The program also has a chemistry/biochemistry pre-requisite which requires a minimum of 2 courses of undergraduate chemistry/biochemistry.

**Eligibility for credit**

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

**Program description**

The Advanced program incorporates a research project supervised by an academic, and is a gateway to further research, such as a PhD.



# MASTER OF CLINICAL PSYCHOLOGY



## Key facts

**Duration:** Two year full-time  
**Semester intake:** Semester 1 only  
**Indicative annual international fee:** \$59,270.00  
**CRICOS code:** 003116G  
**Cognate disciplines:** Psychology

## Admission requirements

- > Completion of an APAC accredited Bachelor degree with Honours in Psychology or international equivalent with a GPA of at least 5.5/7.0 or completion of an APAC accredited AQF Level 8 qualification, which must include a substantial research methodology component in Psychology, with a GPA of at least 5.5/7.0.
- > Two referee reports.
- > Supplementary form and CV.
- > Successful assessment of suitability which will be based on interview, supplementary form, CV and the referee reports.
- > Eligibility for provisional or full registration with the Psychology Board of Australia.
- > All applicants must meet the University's English Language Admission Requirements for Students. Please visit : <https://study.anu.edu.au/apply/english-language-requirements>

## Additional Information

Applicants can check the acceptability of their degree via Australian Psychology Accreditation Council website : [apac.au/accredited-programs](http://apac.au/accredited-programs)

Applicants with qualifications obtained outside Australia must have a formal degree equivalency assessment completed by the Australian Psychological Society before submitting an application for study.

Additional factors considered in assessing applications are previous relevant experience, availability of supervision for the research component, and written application.

Competitive applicants may be invited to participate in a suitability assessment process which will include a panel interview and other activities .

Due to the highly structured nature of this program, it is recommended that this program should be taken full-time. Part-time enrolment should be negotiated with the Program Convener and would require part-time with a minimum of two courses per semester, taken in the order prescribed by the School of Medicine & Psychology.

## Program overview

The Master of Clinical Psychology is a two-year program listed with the Australian Psychology Accreditation Council. You will study clinical coursework and undertake a clinical field placement and clinical research. Our contemporary training is founded on the scientist-practitioner model where clinical skills and interventions are considered on the basis of available scientific evidence and knowledge.

In your first year you will undertake supervised clinical practice in the ANU Psychology Clinic. You will also do at least two supervised clinical placements outside ANU in variety of community and hospital based settings within Canberra or nearby country areas. They include community health centres, general hospital, psychiatric and medical units, neurology and neuropsychology services, veterans' counselling services, alcohol and drug services and school counselling units.

Under supervision from our clinical psychology team, you will gain a comprehensive understanding of the core areas of clinical psychology and develop practical skills that will underpin your career. In addition to 1,000 hours of clinical placement and coursework you will conduct an approved empirical research project. Throughout your degree, you will conduct research culminating in a thesis in the form of a journal article.

At ANU you will be learning from world-class experts and tackle big ideas while relating them to real-world contexts. We have a reputation for research excellence in the areas of cognition and perception, developmental, clinical and health psychology, and social psychology.

## Career opportunities

The well-regarded degree is the fundamental professional qualification in clinical psychology, and prepares you to practise in a range of clinical settings such as hospitals, community health centres and private practice, all while providing a strong foundation for life-long professional learning.

This degree can also form the basis of a career in other areas including corporate consulting, evaluation science, social policy, recruitment, mediation, and population health.

Within psychology, graduates from this program have gone on to work as clinical psychologists, counsellors, forensic psychologists, neuropsychologist, health psychologists, organisational psychologists and sport psychologists

# MASTER OF EARTH SCIENCES (ADVANCED)



## Key facts

**Duration:** Two years full-time (or less with credit)  
**Semester intake:** Semester 1 or 2  
**Indicative annual international fee:** \$56,120.00  
**CRICOS code:** 082288M  
**Cognate disciplines:** Earth & Marine Sciences, Physics, Chemistry, Biology, Computer Sciences, Astronomy & Astrophysics, Physical Geography, Mathematics, Engineering

- 🏆 #1 in Australia for Earth and Marine Sciences, Geology, Geophysics and Natural Sciences\*  
\*QS World University Rankings 2025
- 🏆 #20 in the World for Geography\*  
#21 in the World for Earth and Marine Sciences\*  
#22 in the World for Geophysics\*  
#26 in Geology\*  
\*QS World University Rankings 2025

## Admission requirements

A Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0, with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program description

Earth science deals with complex systems and processes that shape our planet. Pressing issues such as the safe supply of water, resources and energy, climate change, sea level rise as well as natural hazards are all intimately related to Earth sciences. Courses from different Earth science disciplines and training on how to gather data and interpret them are offered, as well as expert supervision for your extensive research project.

A number of scholarships are on offer to the best international and domestic students.



## GRADUATE PROFILE

**Faye Williamson**  
**Master of Earth Sciences (Advanced)**

“I am incredibly proud of what I learnt and achieved during my Master of Earth Sciences (Advanced) that I completed part-time at ANU. I have been able to use the results from my research to improve practices at my workplace (NSW Department of Planning and Environment) and at the MDBA. I wouldn't have been able to achieve what I did without the support of my amazing supervisors and conveners.”

## Career opportunities

A Master of Earth Sciences (Advanced) degree gives you the opportunity to gain a wide range of knowledge and skills that are relevant for employment in industry, government agencies, education, as well as for further university studies. It is an excellent qualification for pursuing a career at geosciences agencies or within mineral & hydrocarbon exploration, natural resource management, environmental monitoring, data sciences and the energy sector. The program is also an ideal pathway to a PhD in Australia or at leading institutes around the world.



# MASTER OF SCIENCE IN EARTH SCIENCES



### Key facts

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual international fee:** \$56,120.00

**CRICOS code:** 0101480

**Cognate disciplines:** Earth & Marine Sciences, Physics, Chemistry, Biology, Computer Sciences, Astronomy & Astrophysics, Physical Geography, Mathematics, Engineering

🏆 #1 in Australia for Earth and Marine Sciences, Geology, Geophysics and Natural Sciences\*  
\*QS World University Rankings 2025

🏆 #20 in the World for Geography\*  
#21 in the World for Earth and Marine Sciences\*  
#22 in the World for Geophysics\*  
#26 in Geology\*  
\*QS World University Rankings 2025

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.0/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

As a Master of Science in Earth Sciences student, you'll delve into the complex systems and processes that shape our planet at a time when understanding it has never been more important. You'll be studying at Australia's leading academic research institution for Earth sciences, ranked #1 in Australia (QS, 2024). We have a reputation for international leadership and innovation, focused on developing new methods, whether experimental, analytical or computational. You'll study courses ranging from computational geosciences to analytical techniques, biogeochemistry, experimental petrology, geobiology, geochemistry, geochronology, geophysics, ocean and climate change and planetary sciences.

### Career opportunities:



### STUDENT PROFILE

#### Steven Petkovski

#### Master of Science in Earth Sciences

Steven Petkovski is the Museum Curator for the National Mineral and Fossil Collection at Geoscience Australia.

"We organised this lunar touchstone display. It's the only place in the Southern Hemisphere where you can actually touch a piece of the Moon. Astronauts in the final Apollo mission in 1972 flew over and picked up over 60 kilograms worth of samples. NASA cut off little slivers like this one from one particular piece, specifically dedicated to making touchstones. We've got this on long-term loan from NASA. It's one of only eleven in the world."

A Master of Science in Earth Sciences gives you the opportunity to gain a wide range of knowledge and skills that are relevant for employment in industry, government agencies and education. It is an excellent qualification for pursuing a career in tectonics, geochronology, mineral exploration and hydrocarbon exploration.

# MASTER OF ENERGY CHANGE



### Key facts

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual international fee:** \$56,120.00

**CRICOS code:** 082291E / 082292D (Advanced)

**Cognate disciplines:** Biology, Business and Finance, Chemistry, Earth Sciences, Economics, Engineering, Environmental Studies, Information Sciences, Law, Mathematics, Physics, Political Science, Sociology

🏆 #1 in Australia for Natural Sciences\*  
\*QS World University Rankings 2025

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.0/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Master of Energy Change is an interdisciplinary coursework program that allows you to develop a program of advanced learning suited to your individual interests, skills and aspirations in the area of energy change. A major key to addressing climate change is the need for a world-wide change to carbon-free forms of energy production.

### Career opportunities

The need for energy change is well-established yet there are relatively few people with an effective overview or the multi-disciplinary skills needed to effectively contribute to this complex issue. Depending on the area of study and specialisation, our graduates find work in government, policy, scientific research, development and aid organisations, multi-national companies, and many other exciting fields. The Advanced program is also a pathway to further study.



### GRADUATE PROFILE

#### Rahul Ravindranathan and Aniruddha Deshpande

#### Master of Energy Change

Good friends Rahul Ravindranathan and Aniruddha Deshpande didn't know one another until they found themselves on the same journey from India to Canberra to study a Master of Energy Change. Now they've graduated from ANU, but the journey continues for both of them – with jobs in the local renewable energy sector.

### MASTER OF ENERGY CHANGE (ADVANCED)

#### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 and at least 8 courses in cognate disciplines with a GPA of 5.5/7.0 in those courses.

#### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

#### Program description

The Master of Energy Change (Advanced) is a multi-disciplinary coursework and research degree which will provide you with both a strong basis in the fundamental areas related to energy change, as well as allowing you to undertake advanced courses and research in areas suited to your individual interests.



# MASTER OF NEUROSCIENCE



## Key facts

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual international fee:** \$59,270.00

**CRICOS code:** 082376M / 082342K

**Cognate disciplines:** Cellular and molecular biology, genetics, biotechnology, medicine, anatomy and physiology, biological psychology

## Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least eight courses in cognate disciplines, which must also have a minimum GPA of 5.0/7.0.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit.

Applicants with a Graduate Diploma or Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program overview

The Master of Neuroscience is an opportunity to deepen your understanding of biology, biotechnology and policy roles in clinical medicine, biomedical science and education.

The Master of Neuroscience offers a variety of study areas such as cellular and systems neuroscience, cell physiology in health and disease, neuroscience research proposal, medical physiology and pharmacology, biochemistry and nutrition, advanced research techniques, research, treatment and policy, neuropsychology and cognitive neuroscience, science communication, and human ecology.

You'll have the opportunity to work alongside some of the Australia's leading scientists in the field to develop the theoretical and practical skills for conducting research into modern concepts and methodologies in neuroscience.

This highly interactive, research-based neuroscience program provides opportunities to work closely with staff on a range of neuroscience projects. Current research staff are focused on modern aspects of neuroscience, including optogenetics, a way of studying brain cell sensitivity to light, measuring nerve activity and how chemicals are released, and the degradation of the eye's retina.

## Career opportunities

A Master of Neuroscience will also provide you with the skills to find employment in the Australian public service including Therapeutic Goods Administration (TGA) or other health departments. Other career pathways include biomedical sciences including in clinical research, with pharmaceutical companies and in policy development.

[science.anu.edu.au/study/masters/master-neuroscience](http://science.anu.edu.au/study/masters/master-neuroscience)



## GRADUATE PROFILE

### Tom Shaw

#### Master of Neuroscience (Advanced)

"I've just started my research project, using neuroimaging to look at whether poor cardiovascular health affects a loss of myelin in the brain, and vice versa. In the future I'd like to go into research on Alzheimer's or abnormal brain functioning.

I didn't have undergraduate training in cellular neuroscience so the Master program was challenging at first, but it's exactly what I want to do, so that's kept me motivated. The teachers have all been great and very supportive too.

I moved to Canberra because of ANU. Looking at these amazing facilities, and the research that's going on here, it's definitely been worth it.

## MASTER OF NEUROSCIENCE (ADVANCED)

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 and at least 8 courses in cognate disciplines with a GPA of 5.5/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit.

### Program description

The ANU Master of Neuroscience (Advanced) consists of one year of coursework plus one year of independent research. The coursework component will provide you with an advanced knowledge of current concepts in neuroscience, and will support those who wish to move into a neuroscience field from related areas of science and psychology but do not have a significant neuroscience background.

# MASTER OF PROFESSIONAL PSYCHOLOGY



## Key facts

**Duration:** Two years full-time

**Semester intake:** Semester 1 only

**Indicative annual international fee:** \$59,270.00

**CRICOS code:** 096441C

**Cognate disciplines:** Psychology

## Admission requirements

- > An Australian bachelor degree or international equivalent with an APAC accredited three-year sequence of courses in Psychology with a GPA of at least 5.0/7.0 .
- > Two referee reports.
- > Supplementary form and CV.
- > Successful assessment of suitability which will be based on interview, supplementary form, CV and the referee reports.
- > Successful assessment of suitability which will be based on interview, supplementary forms, CV and the referee reports.
- > All applicants must meet the University's English Language Admission Requirements for Students.

## Eligibility for credit

Applicants with an AQF8 Graduate Diploma or Honours degree with an APAC accredited sequence of courses in Psychology may be eligible for up to 48 units (one year) of credit. Applicants who receive credit will also need to satisfy the progression requirements.



### Samuel Moorby Master of Professional Psychology

"What I found is an outstanding program with a significant focus on practical skills, led by educators who treated us as valuable professionals. It has prepared me to begin my career as a capable and competent provisional psychologist."

[science.anu.edu.au/study/masters/master-professional-psychology](http://science.anu.edu.au/study/masters/master-professional-psychology)

## Additional Information

Students must satisfy the progression requirements of provisional registration or equivalent with the Psychology Board of Australia before progressing to the final 48 units.

Students who do not satisfy the progression requirement of provisional registration with the Psychology Board of Australia will be transferred to graduate from the Graduate Diploma of Professional Psychology.

Due to the highly structured nature of this program, it is highly recommended that this program should be taken full-time. Part-time enrolment should be negotiated with the Program Convener and would require part-time with a minimum of two courses per semester, taken in the order prescribed by the School of Medicine and Psychology.

## Program overview

The Master of Professional Psychology is a two-year (full-time) program and offers an alternative pathway to your professional career in psychology, without the need for an honours degree. The program includes coursework on psychological assessment, interventions and professional skills; a group research project in the first year and practical placement experience in the second year. The Master of Professional Psychology is less research-intensive than honours.

This course is accredited by the Australian Psychology Accreditation Council (APAC), and will provide the fourth and fifth years of university study in the Psychology Board of Australia 5+1 internship program to registration as a psychologist.

Graduates from the degree will be required to complete a one-year internship and pass the National Psychology Examination before they can apply for full registration as a psychologist. Graduates will be eligible for Associate Membership of the Australian Psychological Society.

## Career opportunities

The Master of Professional Psychology can lead to a psychology career in a wide range of private, government and not for profit settings. Fully registered Psychologists can work in private practice or diverse community, non-government and government settings.

Graduates will be eligible for associate membership of the Australian Psychological Society. If you complete a one-year internship and the National Psychology Examination you can apply for general registration as a psychologist with the Australian Health Practitioner Regulation Agency.



# MASTER OF SCIENCE IN ASTRONOMY & ASTROPHYSICS



## Key facts

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual international fee:** \$56,120.00

**CRICOS code:** 0101476 / 0101477 (Advanced)

**Cognate disciplines:** Astronomy & Astrophysics, Computer Science, Earth & Marine Sciences, Physics, Mathematics

**#1 in Australia for Physics & Astronomy\***  
\*QS World University Rankings 2025

## Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 with at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in these courses with a minimum of 2 courses of undergraduate second year Physics; and a minimum of 1 course of undergraduate second year Mathematics.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program description

The Master of Science in Astronomy & Astrophysics is a full-time two year program based upon 100% coursework. The coursework may be tailored to a student's needs, and can include astrophysical techniques, astrophysical computing, planetary science, stellar astrophysics, galaxies, cosmology, and courses from cognate disciplines.

Many courses contain research or hands-on components that develop skills and knowledge in the latest advances in astronomy and astrophysics. They also offer training in areas highly relevant outside of academia, for example, project management, computer programming, and problem solving skills. Some of the courses may include the acquisition and analysis of telescope data, the development of theoretical models, or the development and testing of new astronomical instrumentation.

## MASTER OF SCIENCE (ADVANCED) IN ASTRONOMY & ASTROPHYSICS



### GRADUATE PROFILE

#### Melanie Kaasinen

##### Master of Astronomy and Astrophysics

"I have collaborated with researchers from Germany, the USA, France, and Japan and met many more from institutions all over the world. I was also able to travel to Hawaii to observe with the Keck II telescope, one of the world's largest telescopes. These opportunities have enabled me to rapidly develop as a researcher."

## Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses with a minimum of 2 courses of undergraduate second year Physics; and a minimum of 2 courses of undergraduate second year Mathematics. Completion of ASTR3005 Astrophysics Research Topic or equivalent.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program description

The Advanced program provides you with the opportunity to extend your practical and coursework experience with the development and implementation of a research project supervised by an academic. The research component commences in the 2nd semester of study. This is particularly relevant to those who wish to benefit from the research strengths of ANU and pursue a career in research.

[science.anu.edu.au/study/masters/master-science-astronomy-astrophysics](https://science.anu.edu.au/study/masters/master-science-astronomy-astrophysics)

# MASTER OF SCIENCE IN BIOLOGICAL SCIENCES



## Key facts

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual international fee:** \$56,120.00

**CRICOS code:** 096439G / 096440D (Advanced)

**Cognate disciplines:** Biology, Biomedical Sciences, Molecular Biology, Genetics, Evolution, Ecology, and Plant Sciences

**#1 in Australia for Natural Sciences\***  
\*QS World University Rankings 2025

## Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least 8 courses in a cognate discipline with a GPA of at least 5.0/7.0 in those courses.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program description

The Master of Science in Biological Sciences is a versatile program that allows you to explore different fields in biology. You can also explore related topics such as biological anthropology, ethics, health and disease, innovation and public policy, environmental change, and contemporary perspectives in environmental science.

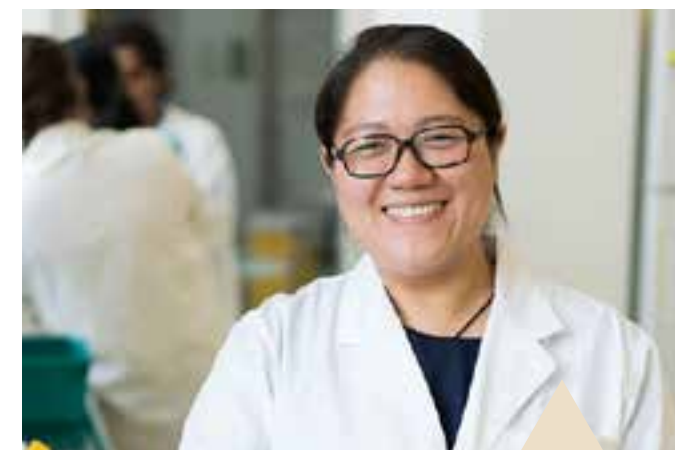
Through this program you will also develop a critical understanding of the role of science in society, a vital skill that will enable you to identify, communicate and respond to societal needs and global challenges.

## Career opportunities

A postgraduate degree in biological science will provide you with a solid background to pursue career goals in a range of fields including plant and animal laboratory science, field ecology, industry, agriculture, public and environmental policy.

Our graduates find interesting careers in a range of areas including agricultural biotechnology and plant breeding, clinical or medical research, pharmaceutical companies, biosecurity, environmental policy and biological education.

[science.anu.edu.au/study/masters/master-science-biological-sciences](https://science.anu.edu.au/study/masters/master-science-biological-sciences)



### GRADUATE PROFILE

#### Xiaojun Yuan

##### Master of Biological Sciences (Advanced)

"My Masters is better than I imagined. My supervisor is fantastic and I love working with her. I'm having such a good time. My supervisor and I are getting very nice results from the experiments we're doing on autotransporters, which is really exciting. We're studying the assembly of a specific autotransporter to see if it's a good target for developing new antibiotics. It's still too early to say how important what we're working on will be, but it's very promising."

## MASTER OF SCIENCE (ADVANCED) IN BIOLOGICAL SCIENCES

## Admission requirements

Applicants must present a Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0, with at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program description

The Advanced program incorporates a research project supervised by an academic, and is a gateway to further research, such as a PhD.



# MASTER OF SCIENCE IN MATERIALS SCIENCE



## Key facts

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual international fee:** \$56,120.00

**CRICOS code:** 102930J / 102931H (Advanced)

**Cognate disciplines:** Chemistry, Physics, Chemical Engineering and Materials Engineering

🏆 #1 in Australia for Physics and Astronomy\*  
\*QS World University Rankings 2025

## Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.0/7.0 in those courses.

Applicants are required to have the equivalent of an ANU minor in Chemistry and a minimum of 2 courses of undergraduate Maths and a minimum of 2 courses of undergraduate Physics.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program description

This program provides a broad understanding of the fundamentals and specialist knowledge to face the key challenges in the development of new materials including nanomaterials. You can apply this knowledge to address current global challenges, such as producing materials for renewable energies, battery storage, energy efficiency, tissue engineering, and environmentally conscious and biocompatible materials such as biodegradable plastics.

## Career opportunities

Drawing on world leading expertise from materials scientists across our chemistry, physics and engineering research schools, this program will provide you with the techniques and skills that are in high demand. It will prepare you for a bright future in industry, government or education across areas including green energy technologies, polymer technologies, biomedical engineering, materials engineering, and chemical engineering.



## FACILITIES

### Battery Materials and Energy Storage Laboratory (Battery Lab)

Hosted within the ANU Research School of Chemistry, the Battery Lab enables research into new battery and storage technologies.

This national facility supports the characterisation, development and performance testing of battery materials, electrolytes and devices.

## MASTER OF SCIENCE (ADVANCED) IN MATERIAL SCIENCES

### Admission requirements

Applicants must present a Bachelor degree or international equivalent with a minimum GPA of 5.5/7.0 and at least 8 courses in a cognate discipline with a GPA of at least 5.5/7.0 in these courses.

Applicants are required to have the equivalent of an ANU minor in Chemistry and a minimum of 2 courses of undergraduate Maths and a minimum of 2 courses of undergraduate Physics.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Advanced program incorporates a research project supervised by an academic, and is a gateway to further research, such as a PhD.

[science.anu.edu.au/study/masters/master-science-materials-science](https://science.anu.edu.au/study/masters/master-science-materials-science)

# MASTER OF SCIENCE IN NUCLEAR SCIENCE



## Key facts

**Duration:** Two years full-time (or less with credit)

**Semester intake:** Semester 1 or 2

**Indicative annual international fee:** \$56,120.00

**CRICOS code:** 099254D / 099251G (Advanced)

**Cognate disciplines:** Physics, Engineering, Chemistry, Mathematics

🏆 #1 in Australia for Physics and Astronomy\*  
\*QS World University Rankings 2025

## Admission requirements

A Bachelor degree or international equivalent with GPA of 5.0/7.0 and at least 6 courses in a cognate discipline with GPA of 5.0/7.0. Or, with completion of the Graduate Certificate of Nuclear Technology Regulation with GPA of 5.0/7.0 and at least 2 courses in a cognate discipline with GPA of 5.0/7.0.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (1 semester full-time) of credit. Applicants with a Graduate Diploma or Honours in a cognate discipline may be eligible for up to 48 units (1 year full-time) of credit.

Courses completed in the Graduate Certificate of Nuclear Technology Regulation at ANU may contribute as credit towards the Master of Science in Nuclear Science.

## Program description

The Australian National University is the only university in Australia that offers postgraduate education in nuclear science and is the ideal location to pursue an advanced degree in this growing field. Over two years, you will study the fundamentals and applications of nuclear science, including materials analysis, dating techniques, nuclear medicine, and nuclear energy. The degree is a mix of coursework and projects, comprising individual and group-based research. You will develop the scientific background you need for informed debates on nuclear issues, without advocating a particular position.

## Career opportunities

Our students go on to careers in policy development, defence, security or related fields, and on to careers in the nuclear industry. Examples of roles of our graduates include research roles, both fundamental (university) and applied (medical/industrial); regulatory roles in the commercial (mining) and government (radiation protection, customs, security) sectors; and analyst and policy roles in government.

## MASTER OF SCIENCE (ADVANCED) IN NUCLEAR SCIENCE

[science.anu.edu.au/study/masters/master-science-nuclear-science](https://science.anu.edu.au/study/masters/master-science-nuclear-science)



## GRADUATE PROFILE

### Lachlan McKie

#### Master of Science (Advanced) in Nuclear Science

"It seems like our nuclear industry is at a turning point, with the building of the submarines, it's a very, very exciting time to be a nuclear physicist here, and I hope to be a part of it."

## Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 and at least 6 courses in a cognate discipline with a GPA of 5.5/7.0 in those courses. Mathematics -assumed knowledge : Background knowledge equivalent to high-school maths study is recommended but not essential.

## Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

## Program description

The Advanced program provides you with the opportunity to extend your practical, coursework experience in nuclear science with the development and implementation of a research project supervised by an academic. You will be required to develop expertise in a nominated area through independent research and completion of a thesis. It is particularly relevant to those who wish to benefit from the research strengths of ANU.



# MASTER OF SCIENCE IN PRECISION INSTRUMENTATION AND MEASUREMENT



## Key facts

**Duration:** Two years full-time (or less with credit)  
**Semester intake:** Semester 1 or 2  
**Indicative annual international fee:** \$56,120.00  
**CRICOS code:** 099248B / 099249A (Advanced)  
**Cognate disciplines:** Physics, Engineering

🏆 #1 in Australia for Physics and Astronomy\*  
\*QS World University Rankings 2025



## GRADUATE PROFILE

### Mrunmayi Deshpande

#### Master of Science in Precision Instrumentation and Measurement

“The Master of Science in Precision Instrumentation and Measurement is a unique blend of physical engineering and astronomy. It also has a research component that makes the degree all-round. It taught me real life implementation of science and instrumentation.”

## MASTER OF SCIENCE (ADVANCED) IN PRECISION INSTRUMENTATION AND MEASUREMENT

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.5/7.0 in those courses. Undergraduate mathematics equivalent to the level of MATH2305.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Advanced program extends your practical, coursework experience in precision instrumentation and measurement with the development and implementation of a research project supervised by an academic. You will be required to develop expertise in a nominated area through independent research and completion of a thesis. A Master of Science (Advanced) in Precision Instrumentation and Measurement can also lead to a PhD.

[science.anu.edu.au/study/masters/master-science-precision-instrumentation-measurement](https://science.anu.edu.au/study/masters/master-science-precision-instrumentation-measurement)

# MASTER OF SCIENCE IN QUANTITATIVE BIOLOGY AND BIOINFORMATICS



## Key facts

**Duration:** Two years full-time (or less with credit)  
**Semester intake:** Semester 1 or 2  
**Indicative annual international fee:** \$56,120.00  
**CRICOS code:** 096439G / 096440D (Advanced)  
**Cognate disciplines:** Computer Science, Mathematics, Statistics, Biology, Computational Chemistry

🏆 #1 in Australia for Natural Sciences\*  
\*QS World University Rankings 2025



## GRADUATE PROFILE

### Priya Rao

#### Master of Science (Advanced) in Quantitative Biology and Bioinformatics

“What I personally am interested in – the reason why I also came here to ANU – is mostly malaria research.” That led Priya to the Master of Science (Advanced) in Quantitative Biology and Bioinformatics at ANU, which she describes as “basically a cocktail of biology with mathematics, statistics, and computer science.”

## Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.0/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Master of Science in Quantitative Biology and Bioinformatics is a program that provides students with experience in the use of methods and tools to organise and analyse biological data, statistically, mathematically and computationally. The course caters to a range of students including students who have come from an undergraduate biological degree, by providing the appropriate mathematical and programming skills; to students with a more quantitative undergraduate background, by providing the necessary background in biology and biological data and analyses. Students also have the opportunity to learn about, and apply, techniques in client engagement and the real-world practice of consulting.

### Career opportunities

This program provides you with skills that are in high demand in a variety of areas including forensic science, agri-technology, the pharmaceutical industry, medical research, bioengineering and biotechnology.

[science.anu.edu.au/study/masters/master-science-quantitative-biology-bioinformatics](https://science.anu.edu.au/study/masters/master-science-quantitative-biology-bioinformatics)

## MASTER OF SCIENCE (ADVANCED) IN QUANTITATIVE BIOLOGY AND BIOINFORMATICS

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 with at least 8 courses in a cognate discipline, which must also have a minimum GPA of 5.5/7.0, and must include at least 4 courses from the following disciplines: computer science, mathematics, statistics or computational chemistry.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Advanced program incorporates a research project supervised by an academic, and is a gateway to further research, such as a PhD. Students will develop work on an original research project that builds on, and applies, their knowledge of quantitative biological data analysis.



# MASTER OF SCIENCE IN QUANTUM TECHNOLOGY



### Key facts

**Duration:** Two years full-time (or less with credit)  
**Semester intake:** Semester 1 or 2  
**Indicative annual international fee:** \$56,120.00  
**CRICOS code:** 099252F / 099253E (Advanced)  
**Cognate disciplines:** Physics, Engineering, Mathematics

🏆 #1 in Australia for Physics and Astronomy\*  
\*QS World University Rankings 2025

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.0/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

Quantum technologies such as computing, metrology and communications have the potential to vastly change our world, as they push us towards the Quantum Age. By exploiting quantum phenomena, society-changing technologies such as unbreakable cryptography or exponentially faster computers are poised to become a reality. Recently, many of these technologies have matured to the point that a commercial quantum industry is emerging. This has been met with huge investments from government and industry, both domestically and internationally.

### Career opportunities:

A Master degree specialising in quantum technology provides you with the skills to pursue a career at the forefront of the emerging quantum industry, including quantum computing, quantum communication, quantum metrology, policy surrounding quantum technologies or further study. ANU has a strong reputation in the field of quantum science, meaning our graduates are highly sought-after and go on to find interesting careers in a range of areas.



### GRADUATE PROFILE

#### Angela Anna Baiju

#### Master of Science in Quantum Technology

“Now that quantum is a buzzword, it’s easy to get distracted in the flow. This program helped me to identify what quantum technologies are beyond the hype it carries. It has helped to obtain hands-on experience on various quantum technologies and identify its applications. The flexibility this program provides helped me to explore much more than I expected.”

## MASTER OF SCIENCE (ADVANCED) IN QUANTUM TECHNOLOGY

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.5/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Advanced program provides you with the opportunity to extend your practical, coursework experience in precision quantum technology with the development and implementation of a research projects supervised by an academic. You will be required to develop expertise in a nominated area through independent research and completion of a thesis. It is particularly relevant to those who wish to benefit from the research strengths of ANU. A Master of Science in Quantum Technology (Advanced) can also lead to a PhD.

[science.anu.edu.au/study/masters/master-science-quantum-technology](https://science.anu.edu.au/study/masters/master-science-quantum-technology)

# MASTER OF SCIENCE IN THEORETICAL PHYSICS



### Key facts

**Duration:** Two years full-time (or less with credit)  
**Semester intake:** Semester 1 or 2  
**Indicative annual international fee:** \$56,120.00  
**CRICOS code:** 0101481 / 0101482 (Advanced)  
**Cognate disciplines:** Physics, Engineering, Mathematics

🏆 #1 in Australia for Physics and Astronomy\*  
\*QS World University Rankings 2025

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.0/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.0/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Master of Science in Theoretical Physics brings students to the cutting edge of research in an interactive training environment, being taught by some of the world’s leading theoretical physicists. You will discover the breadth of theoretical physics, including understanding how non-linear dynamics can be applied to complex problems.

If you are interested in big questions, like how the universe works or how elementary particles interact with each other to form nuclei and stars, then you will enjoy learning about quantum field theory. With applications such as particle physics and condensed matter, quantum field theory is arguably the most far-reaching attempt to combine special relativity and quantum physics in a unique framework.

### Career opportunities:

Drawing on world leading expertise from the ANU Research School of Physics, this program will provide you with the techniques and skills necessary for a bright future in research or related careers in education, science and industry.

## MASTER OF SCIENCE (ADVANCED) IN THEORETICAL PHYSICS



### FACILITIES

#### Australian Plasma Fusion Research Facility (H-1NF)

The Australian Plasma Fusion Research Facility (H-1NF) is a uniquely versatile plasma research facility, located at ANU.

The heart of the facility is the H-1 Heliac, a large stellarator device which is the Australian focus of basic experimental research on magnetically confined plasma, important in developing fusion energy, a clean, virtually inexhaustible energy source.

### Admission requirements

A Bachelor degree or international equivalent with a GPA of 5.5/7.0 and at least 8 courses in a cognate discipline with a GPA of 5.5/7.0 in those courses.

### Eligibility for credit

Applicants with a Bachelor degree or Graduate Certificate in a cognate discipline may be eligible for up to 24 units (one semester full-time) of credit. Applicants with a Graduate Diploma or a Bachelor degree with Honours in a cognate discipline may be eligible for up to 48 units (one year full-time) of credit.

### Program description

The Master of Science (Advanced) in Theoretical Physics program provides you with the opportunity to extend your practical and coursework experience in theoretical physics with the development and implementation of a research project supervised by an academic. This is particularly relevant to those who wish to benefit from the research strengths of ANU and pursue a career in research.

[science.anu.edu.au/study/masters/master-science-theoretical-physics](https://science.anu.edu.au/study/masters/master-science-theoretical-physics)



# INTERNSHIPS



Apply for our official internship program to work in an organisation on an agreed project, earning course credit during a semester. As an intern, you will get hands on work experience that will put you ahead of the competition when it's time to graduate. And did we mention you'll get credit towards your degree?

The internship program is an opportunity for you to work in an organisation for 1-2 days a week in a semester. Opportunities may exist for intensive internships during semester breaks, with a greater time commitment over a shorter period. The number of internships available each semester is based on the number of available projects from host organisations.

## Current internship hosts

- > ACT Health
- > Australian Academy of Science
- > Australian Institute of Health & Welfare
- > Australian Science Innovations
- > Endangered Heritage
- > Esri Australia
- > Fight Food Waste Ltd
- > Food2Soil
- > NSW Biodiversity Conservation Trust
- > Relationships Australia
- > Safe Work Australia
- > Women's Mentoring Foundation

## Self-sourced internships

Students can undertake external internship opportunities if there is no existing formal agreement with the proposed host organisation. In self-sourced internships, students must meet the learning outcomes and other requirements to receive credit for their internship. Students must contact the internship course convener for further information before they undertake self-sourced internships.

E [science.internships@anu.edu.au](mailto:science.internships@anu.edu.au)

## Example of self-sourced internship

### CSIRO

- > Our students often work with leading CSIRO scientists in their world-class facilities, leading to further research and employment opportunities.

## Applications for internships

### Semester 1:

Applications open early December, close mid-January.

### Winter Semester/Semester 2:

Applications open late March, close mid April.

[students.science.anu.edu.au/careers-opportunities/internship-program](https://students.science.anu.edu.au/careers-opportunities/internship-program)



## STUDENT PROFILE

### Tanya Javaid

#### CSIRO Internship

Tanya Javaid is an international student at ANU and completed an internship at CSIRO as part of her degree.

"Getting caught up in the stress of grades and deadlines, you often forget to enjoy what you're learning, and fail to see that information is used beyond the classroom. An internship is a great way to study what you love in a hands-on way, without obsessing over your grade at the end of it!"

## Eligibility

- > Domestic and international students may apply.
- > You must have completed a minimum of 72 units with at least a Distinction average in Science courses.
- > Postgraduate students require approval from their Postgraduate Program Convener.
- > Selection may include an interview.
- > Additional selection criteria may be set by the host organisation.

# FIELDWORK



A number of our courses offer fieldwork activities, across a range of science fields, to help you get hands-on experience in the field and assist you in solidifying your theoretic knowledge. Here are some fieldwork highlights you can undertake during your studies. Please note: some field trip course are capped due to capacity restrictions and are subject to travel restrictions.



## Coral Reef Field Studies

### EMSC6119, offered by the Research School of Earth Sciences

Learn from ANU researchers on One Tree Island or Heron Island. Several days will be spent on location studying a modern reefal setting, fossil reef depositional environments and relevant biological processes.



## Advanced Field Studies in Functional Ecology

### BIOL6303, offered by the Biology Teaching and Learning Centre

Understand field studies in plant and animal functional ecology. The course location varies each year but has previously been held in Singapore, Kosciuszko National Park and the Daintree Rainforest.

[science.anu.edu.au/study/student-experience/field-trips](https://science.anu.edu.au/study/student-experience/field-trips)



## Planetary Science

### EMSC6002 offered by the Research School of Earth Sciences

Step back in time to examine the earliest solar system, going back to the origin of the elements themselves and the processes that build new solar systems, planetary surfaces and planetary interiors.

## Fundamentals of Geology

### EMSC6123 offered by the Research School of Earth Sciences

In this course you will visit Wee Jasper and learn about basic geological concepts around the formation, evolution and deformation of rocks and geological structures in the solid earth. It will be divided into three sections; sedimentology, geological structures and igneous and metamorphic petrology.





Australian  
National  
University

## Contact us




**ANU College of Science and Medicine**  
**The Australian National University**

W [science.anu.edu.au](http://science.anu.edu.au)  
E [science@anu.edu.au](mailto:science@anu.edu.au)

### Student enquiries

T 1800 620 032  
E [future.student@anu.edu.au](mailto:future.student@anu.edu.au)

### Connect with us

 [facebook.com/ScienceANU](https://facebook.com/ScienceANU)  
 [twitter.com/ScienceANU](https://twitter.com/ScienceANU)  
 [instagram.com/ScienceANU](https://instagram.com/ScienceANU)  
 [linkedin.com/showcase/anu-colleges-of-science](https://linkedin.com/showcase/anu-colleges-of-science)  
 [tiktok.com/@scienceanu](https://tiktok.com/@scienceanu)

Cover photo: Pollen. Photo credit: Dr Angus Rae, Centre for Advanced Microscopy.