WHY ANU?

- 4 Nobel Laureates
- #1 university in Australia¹
- #29 in the world¹
- 3rd best city in the world²
- Accommodation guarantee³

¹ QS World University Rankings 2020
² Lonely Planet’s "Best in Travel 2018: Top 10 Cities"
³ For new first year interstate undergraduate students

W anu.edu.au/study/accommodation/advice-procedures/accommodation-guarantee
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Please note that this student guide is correct as at time of printing and should be used as a guide only. For the most up-to-date information please visit the ANU website.
OUR DISCIPLINES

Astronomy & astrophysics
Astronomy and astrophysics is the study of everything from planets to galaxies to other universes and whatever is in between. Studying it can launch a career with NASA, defence, engineering or even finance.

Study astronomy and astrophysics in any of these degrees:
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)
> Bachelor of Philosophy (Honours) (PhB)

Earth & marine sciences
By bringing together geology, chemistry, physics, mathematics and biology, this discipline (ranked #9 in the world at ANU*) helps you understand what shapes our planet and environment. Enter into areas such as climate and ocean science, mineral and petroleum exploration, geoscience, exploratory geology, natural resource management, and environmental monitoring.

Study earth and marine sciences in any of these degrees:
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)
> Bachelor of Philosophy (Honours) (PhB)

Biology
Biology students can participate in ground-breaking research in our $240-million laboratories, or on fieldtrips around Australia such as in Tasmania or our coastal campus at Kioloa. Our graduates find careers in agricultural biotechnology, genetic counselling, environmental policy, wildlife biology and immunology, just to name a few.

Study biology in any of these degrees:
> Bachelor of Biotechnology
> Bachelor of Genetics
> Bachelor of Health Science
> Bachelor of Medical Science
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)
> Bachelor of Philosophy (Honours) (PhB)

Environment & sustainability
Finding sustainable solutions to problems such as increasing biodiversity loss, extreme weather events, urbanisation and climate change are more urgent than ever. Work alongside our world-leading researchers at fieldwork sites like Kioloa, Lake George, Kosciuszko National Park, or even across the globe in Vietnam and Fiji.

Study environment and sustainability in any of these degrees:
> Bachelor of Environment & Sustainability
> Bachelor of Environment & Sustainability Advanced (Honours)
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)
> Bachelor of Philosophy (Honours) (PhB)

Chemistry
Our chemists are making a difference to our world, by improving the understanding of diseases like Alzheimer’s, or the performance of capacitors in our electronic devices like laptops and phones. An understanding of chemistry is critically important for anyone planning a career in science, medicine or engineering.

Study chemistry in any of these degrees:
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)
> Bachelor of Philosophy (Honours) (PhB)
> Bachelor of Philosophy (Honours) (PhB)[ANU]/Bachelor of Science (Honours)[NUS]

Mathematics
Mathematics (ranked #1 in Australia at ANU*) is everywhere in science and more sophisticated and innovative mathematical tools are needed in technology and in the community. Graduates are valued for their quantitative problem-solving skills, and as technology advances, the need for skills in mathematics is more important than ever.

Study mathematics in any of these degrees:
> Bachelor of Mathematical Sciences
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)
> Bachelor of Philosophy (Honours) (PhB)
> Bachelor of Philosophy (Honours) (PhB)[ANU]/Bachelor of Science (Honours)[NUS]

*QS World University Rankings by Subject 2020
Medical & health sciences

Our researchers are making medical advances in the fields of immunology, cancer, genomics, neuroscience, mental health, infectious diseases, obesity and metabolic disorders. These researchers are your teachers in medical and health sciences at ANU and you can work alongside them in their active research labs, witnessing breakthroughs as they happen, and gaining critical practical expertise.

**Study medical and health sciences in any of these degrees:**
- Bachelor of Biotechnology
- Bachelor of Genetics
- Bachelor of Health Science
- Bachelor of Medical Science
- Bachelor of Science
- Bachelor of Science (Advanced) (Honours)
- Bachelor of Philosophy (Honours) (PhB)
- Bachelor of Medical Science [ANU]/Master of Diagnostic Pathology [UC]

Psychology

Psychology is the study of human behaviour, emotion, cognition and wellbeing. Graduates have the skills to understand human motivation and behaviour (people skills), data analytics and statistics (research and data skills). Graduates have the option to go to clinical or professional psychology, research or into the workforce.

**Study psychology in any of these degrees:**
- Bachelor of Science (Psychology)
- Bachelor of Psychology (Honours)
- Bachelor of Science
- Bachelor of Science (Advanced) (Honours)
- Bachelor of Philosophy (Honours) (PhB)
- Bachelor of Arts

Physics

ANU is home to Australia’s largest university-based physics research institution, with world-class facilities and over 150 physicists, including the team who played a critical role in the detection of gravitational waves—hailed as the biggest scientific breakthrough of the century. Our inclusive teaching environment means you will receive tailored support to pursue your interests.

**Study physics in any of these degrees:**
- Bachelor of Science
- Bachelor of Science (Advanced) (Honours)
- Bachelor of Philosophy (Honours) (PhB)
- Bachelor of Medical Science [ANU]/Master of Diagnostic Pathology [UC]

Science communication

Whether you enjoy writing, presenting, tweeting, organising big events for thousands of people or ensuring every single one of your patients gets just what they need, studying science communication enhances your communication skills and social awareness. Find work in government, the community sector, industry or the media.

**Study science communication in any of these degrees:**
- Bachelor of Science
- Bachelor of Science (Advanced) (Honours)
- Bachelor of Philosophy (Honours) (PhB)
OUR DEGREES

<table>
<thead>
<tr>
<th>DEGREE NAME</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Biotechnology</td>
<td>Biotechnology is about applying new technologies to agriculture, food and medicine production, and environmental problems in the context of research, industry and the applied health sciences. You will learn the foundations of biology as well as contemporary topics like genetically modified organisms (GMOs), cloning and genetic screening.</td>
</tr>
<tr>
<td>Bachelor of Environment &amp; Sustainability</td>
<td>Learn about the scientific and social aspects of environment and sustainability as well as how to translate environmental science into government policy. You will study a combination of theory and methods while enjoying opportunities for field-based learning, hands-on applications and internships.</td>
</tr>
<tr>
<td>Bachelor of Environment &amp; Sustainability Advanced (Honours)</td>
<td>This degree gives you the opportunities of the Bachelor of Environment &amp; Sustainability but includes enhanced research-led learning opportunities and offers direct entry into a fourth year of Honours which includes a substantial original research project (thesis).</td>
</tr>
<tr>
<td>Bachelor of Genetics</td>
<td>Unravel the mysteries of DNA, understand how genes interact with the environment and how your heredity determines your risk of developing certain diseases. This degree will develop your skills in the techniques of genomics, bioinformatics and molecular genetics.</td>
</tr>
<tr>
<td>Bachelor of Health Science</td>
<td>This program will give you a foundation in health science including public health, ethics and health policy. There are places available for 60 students in each intake, 15 of which are reserved for students from Indigenous and rural backgrounds. This degree also offers a pathway to the postgraduate Doctor of Medicine and Surgery (MChD) at ANU without having to sit the GAMSAT.</td>
</tr>
<tr>
<td>Bachelor of Mathematical Sciences</td>
<td>This is an elite, research-focused degree for exceptional students who want to master quantitative problem-solving and mathematical modelling. You can concentrate on theoretical mathematics or applied areas such as mathematical modelling, mathematical finance, mathematical economics, mathematical physics, and quantitative biology.</td>
</tr>
<tr>
<td>Bachelor of Medical Science</td>
<td>This structured degree draws on the foundations of medical science including studies in genetics, immunology, nutrition, physiology, microbiology, biochemistry and anatomy. The program will prepare you for further studies in applied biomedical fields and medical research or to explore your interests in other relevant fields including neuroscience, cancer biology, human genetics or immunology.</td>
</tr>
<tr>
<td>Bachelor of Medical Science (ANU) / Master of Diagnostic Pathology of Science (UC)^*</td>
<td>This is a joint program offered by ANU and the University of Canberra (UC) providing ANU Medical Science students further qualifications in diagnostic pathology. The Master degree builds on the basic biomedical science you will learn in the Bachelor of Medical Science to provide an industry-centred professional qualification, including a work placement.</td>
</tr>
<tr>
<td>Bachelor of Philosophy (Honours) (PhB)</td>
<td>The PhB gives intellectually ambitious students the flexibility to focus on research in a range of disciplines – from physics or biology to law or international relations. You will also have a personal academic mentor.</td>
</tr>
<tr>
<td>Bachelor of Philosophy (Honours) (ANU) / Bachelor of Science (Honours) (NUS)*</td>
<td>This degree gives you the opportunities of the PhB but you will spend three semesters of your degree at the National University of Singapore (NUS) and you are required to choose one of three major areas of study offered – either chemistry, mathematics or physics.</td>
</tr>
<tr>
<td>Bachelor of Psychology (Honours)</td>
<td>This degree is for students wanting to specialise in psychology and gain direct entry into a fourth year of Honours research which is required to pursue further study in clinical psychology.</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>Whether your interests are broad or unique, the Bachelor of Science allows you to follow or find your passion. Combine areas of study such as biology and physics, or mathematics and chemistry, or even extend your interests outside science to areas such as languages or law. You can choose up to two science majors and you don’t have to decide on these until your second year of study.</td>
</tr>
<tr>
<td>Bachelor of Science (Advanced) (Honours)</td>
<td>This degree provides the same breadth of opportunities as the Bachelor of Science, with the addition of Honours pathway level courses required to extend your understanding, introduce you to more advanced concepts and introduce a research component to the degree.</td>
</tr>
<tr>
<td>Bachelor of Science (Psychology)</td>
<td>This degree provides a comprehensive overview of the six different areas of psychology (developmental, social, personality, methods, cognition and biological) and applies this knowledge to more specialised areas such as neuroscience, counseling, health and organisational (business) psychology. Students do not have a guaranteed direct pathway into Honours.</td>
</tr>
</tbody>
</table>

For detailed admission requirements check the Programs and Courses website W programsandcourses.anu.edu.au
This program will give you a foundation in health science including public health, ethics and health policy. There are three pathways to this degree.

### Bachelor of Science
- **Duration:** 3 years
- **Intake:** 1 only
- **Cut-off:** 80
- **Recommended OP (QLD):** 10
- **Recommended IB:** 29
- **Prerequisites:** Chemistry+
- **UAC Code:** 138503
- **CRICOS Code:** 036660M

### Bachelor of Biotechnology
- **Duration:** 3 years
- **Intake:** 1 & 2
- **Cut-off:** 80
- **Recommended OP (QLD):** 10
- **Recommended IB:** 29
- **UAC Code:** 138201
- **CRICOS Code:** 091180D

### Bachelor of Medical Science (ANU) /Master of Biomedical Science
- **Duration:** 4 years
- **Intake:** 1 & 2
- **Cut-off:** 95
- **Recommended OP (QLD):** 4
- **Recommended IB:** 37
- **Prerequisites:** Successful assessment of suitability based on a supplementary form
- **UAC Code:** 138302
- **CRICOS Code:** 094623B

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 3 years
- **Intake:** 1 only
- **Cut-off:** 90
- **Recommended OP (QLD):** 6
- **Recommended IB:** 34
- **Prerequisites:** Chemistry+
- **UAC Code:** 138600
- **CRICOS Code:** 064778J

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 3 years
- **Intake:** 1 only
- **Cut-off:** 90
- **Recommended OP (QLD):** 6
- **Recommended IB:** 34
- **Prerequisites:** Successful assessment of suitability based on a supplementary form
- **UAC Code:** 138302
- **CRICOS Code:** 094623B

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 3 years
- **Intake:** 1 only
- **Cut-off:** 95
- **Recommended OP (QLD):** 4
- **Recommended IB:** 37
- **Prerequisites:** Advanced mathematics*
- **UAC Code:** 138200
- **CRICOS Code:** 086223G

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 3 years
- **Intake:** 1 only
- **Cut-off:** 90
- **Recommended OP (QLD):** 6
- **Recommended IB:** 34
- **Prerequisites:** Chemistry+
- **UAC Code:** 138403
- **CRICOS Code:** 036662J

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 4.5 years
- **Intake:** 1 only
- **Cut-off:** 90
- **Recommended OP (QLD):** 6
- **Recommended IB:** 34
- **Prerequisites:** Chemistry+
- **UAC Code:** 138403
- **CRICOS Code:** 036662J

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 4 years
- **Intake:** 1 & 2
- **Cut-off:** 99
- **Recommended OP (QLD):** 1
- **Recommended IB:** 42
- **Prerequisites:** Submission of a supplementary form and two referee reports
- **UAC Code:** 138000
- **CRICOS Code:** 043746B

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 4 years
- **Intake:** 1 & 2
- **Cut-off:** 99
- **Recommended OP (QLD):** 1
- **Recommended IB:** 42
- **Prerequisites:** Submission of a supplementary form and two referee reports
- **UAC Code:** 138005
- **CRICOS Code:** 054595K

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 4 years
- **Intake:** 1 & 2
- **Cut-off:** 95
- **Recommended OP (QLD):** 4
- **Recommended IB:** 37
- **UAC Code:** 138130
- **CRICOS Code:** 0366803

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 3 years
- **Intake:** 1 & 2
- **Cut-off:** 80
- **Recommended OP (QLD):** 10
- **Recommended IB:** 29
- **Prerequisites:** Some subjects require prior knowledge
- **UAC Code:** 138003
- **CRICOS Code:** 000335K

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 4 years
- **Intake:** 1 & 2
- **Cut-off:** 95
- **Recommended OP (QLD):** 4
- **Recommended IB:** 37
- **Prerequisites:** Some subjects require prior knowledge
- **UAC Code:** 138004
- **CRICOS Code:** 065138M

### Bachelor of Science (Honours) (ANU) /Bachelor of Philosophy (Honours) (PhB)
- **Duration:** 3 years
- **Intake:** 1 & 2
- **Cut-off:** 80
- **Recommended OP (QLD):** 10
- **Recommended IB:** 29
- **UAC Code:** 138123
- **CRICOS Code:** 047423M

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* Joint degree offered with the National University of Singapore (NUS)
* This is a vertical double degree. The Bachelor degree is taught through ANU and the Master degree is taught through the University of Canberra (UC)
* The chemistry bridging course is offered through the ANU Research School of Chemistry chemistry.anu.edu.au/study/bridging-course
* The mathematics bridging course is offered through the ANU Mathematical Sciences Institute maths.anu.edu.au/study/bridging-course

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2020 Student Guide
BACHELOR OF BIOTECHNOLOGY

Minimum entry requirements: 80 ATAR, 10 OP, 29 IB
For further details on admission requirements please see pages 16-19.
Duration: 3 years full-time
Intake: Semester 1 only
The Bachelor of Biotechnology can also be taken as part of a Flexible Double Degree or Flexible Vertical Double Degree. See page 20 for more information.
Chemistry prerequisite. See page 21 for more information on the bridging course.
UAC Code: 138503
CRICOS Code: 036660M

Program overview
In the Bachelor of Biotechnology, you will learn the foundations of biology, from genes through to ecology, while examining important questions about ethics and intellectual property.
This program gives you the knowledge to develop the fuel sources, foods and medical treatments of the future, while teaching you to think ethically about how they will change our society.

Career outcomes
Our Bachelor of Biotechnology graduates are highly sought after by government and industry employers in chemical, plant and agricultural, and medical biotechnology. You may also find positions in hospitals, food and pharmaceutical industries, or continue on to a career in research.

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Biology 1: Evolution, Ecology and Genetics</th>
<th>Chemistry 1</th>
<th>Elective</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Biology 2: Molecular and Cell Biology</td>
<td>Chemistry 2</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Genes: Replication and Expression</td>
<td>Chemical Biology 1</td>
<td>Biotechnology elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Molecular Gene Technology</td>
<td>Biotechnology elective</td>
<td>Biotechnology elective</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Genomics and its Applications</td>
<td>3000 level BIOL course</td>
<td>3000 level BIOL/CHEM/NEUR course</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Biology, Society and Ethics</td>
<td>3000 level BIOL/CHEM/NEUR course</td>
<td>3000 level BIOL/CHEM/NEUR course</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

W science.anu.edu.au/study/bachelor-degrees/bachelor-biotechnology

STUDENT PROFILE
Jiansi Long
Bachelor of Biotechnology (Honours)
“[I think biotechnology is important because today we’re learning more and more about how genes work. I want to use biotechnology to make drugs more personalised, doing something like gene therapy.]”
Minimum entry requirements: 80 ATAR, 10 OP, 29 IB
For further details on admission requirements please see pages 16-19.

Duration: 3 years full-time
Intake: Semester 1 & 2 (commencing your studies in Semester 2 may limit course choices)
The Bachelor of Environment & Sustainability can also be taken as part of a Flexible Double Degree or Flexible Vertical Double Degree. See page 20 for more information.

UAC Code: 138201
CRICOS Code: 091180D

Program overview
The Bachelor of Environment & Sustainability is a contemporary degree, covering environmental science, policy and social sciences, allowing you to address the complex challenges of sustainability by giving you a broad environmental education.

Career outcomes
Work on environment and sustainability issues in a range of global, national and local contexts.

Montana de Meillon
Bachelor of Environment & Sustainability/ Bachelor of Development Studies

“As part of the Environmental Science Field School offered by the Fenner School of Environment and Society, we went to the Clonakilla vineyard in Murrumbateman. By conducting soil sample tests in a range of sites across a single vineyard, we participated in real-world consultancy. After collecting data, we developed a picture of what soils made the best wines.”

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Science elective</th>
<th>Minor</th>
<th>Major</th>
<th>Elective</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Major</td>
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<td></td>
<td></td>
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<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>1</td>
<td>Major</td>
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<td>2</td>
<td></td>
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<tr>
<td>3</td>
<td>1</td>
<td>Major</td>
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<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

Bachelor of Environment & Sustainability Advanced (Honours) option available

Entry requirements: 95 ATAR, 4 OP, 37 IB
Duration: 4 years full-time
Intake: Semester 1 & 2 (commencing your studies in Semester 2 may limit course choices)
70% minimum average required throughout degree

UAC Code: 138202
CRICOS Code: 091181C

Program overview
The Bachelor of Environment & Sustainability (Advanced) (Honours) has a higher entry requirement and students must complete the fourth Honours year, which consists of intensive research and a thesis.
BACHELOR OF GENETICS

Minimum entry requirements: 90 ATAR, 6 OP, 34 IB
For further details on admission requirements please see pages 16-19.

Duration: 3 years full-time

Intake: Semester 1 only

65% minimum average required throughout degree

The Bachelor of Genetics can also be taken as part of a Flexible Double Degree or Flexible Vertical Double Degree. See page 20 for more information.

Chemistry prerequisite. See page 21 for more information on the bridging course.

UAC Code: 138600
CRICOS Code: 064778J

Program overview

In this program you’ll learn how genes hold our hereditary information, study classical genetics, molecular genetics, population genetics, and bioinformatics. You can even follow interests in areas as diverse as plant genetics, evolutionary genetics or medicine and health.

Career outcomes

Our graduates have gone on to positions at:

- Medical and agricultural research institutes
- Hospitals
- Government departments
- Schools and universities
- Patent firms
- Genetic counselling services
- Forensic laboratories
- and biotechnology companies.

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course Module</th>
<th>Core Course Module</th>
<th>Elective Course Module</th>
<th>Elective Course Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Biology 1: Evolution, Ecology and Genetics</td>
<td>Chemistry 1</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Biology 2: Molecular and Cell Biology</td>
<td>Chemistry 2</td>
<td>Diversity of Life</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Genes: Replication and Expression</td>
<td>Genetics</td>
<td>Genetics Elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Experimental Design and Analysis in Biology</td>
<td>Molecular Gene Technology</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Genomics and its Applications</td>
<td>Genetics of Human Disease 1</td>
<td>Genetics Elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Bioinformatics and its Applications</td>
<td>Genetics Elective</td>
<td>Genetics Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

W science.anu.edu.au/study/bachelor-degrees/bachelor-genetics
BACHELOR OF HEALTH SCIENCE

Minimum entry requirements: 90 ATAR, 6 OP, 34 IB
For further details on admission requirements please see pages 16-19.

Duration: 3 years full-time

Intake: Semester 1 only
60 places available each intake (15 places reserved for Indigenous and rural students)

The Bachelor of Health Science can also be taken as part of a Flexible Vertical Double Degree. See page 20 for more information.

The Bachelor of Health Science can also be combined with a Master of Secondary Teaching from the University of Canberra. See page 20 for more information.

Some subjects have assumed knowledge, particularly in chemistry, mathematics and physics. See page 21 for more information on bridging courses.

UAC Code: 138302
CRICOS Code: 094623B

Additional requirements: A compulsory supplementary form must be submitted by 31 May for direct applications submitted to ANU or 30 November in the year of application for UAC applications.

Program overview
Draw upon the world-leading strengths of ANU in medical education, biomedical science, population health, psychology, social science and public policy to prepare you for a future in medical, allied health and health-related professions.

This program will equip you with a broad understanding of the themes explored in advanced studies of medicine.

Career outcomes
You can launch your career path in medicine, allied health, health organisations and the public service, including in hospitals, public health units, healthcare foundations and academia.

The Bachelor of Health Science can also provide a pathway to the Doctor of Medicine and Surgery (MChD) without having to sit the GAMSAT.

W medicalschool.anu.edu.au/study/pathway-programs

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Subject</th>
<th>Course</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Human Biology</td>
<td>Health in the 21st Century</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Biology 2: Molecular and Cell Biology</td>
<td>Research Methods in the Health Sciences</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Health Systems and Policy: An Introduction</td>
<td>Medical Physiology and Pharmacology</td>
<td>Applications of Health/Pre-med stream course</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Introduction to Global Health: Issues, Theories and Practices</td>
<td>Pathogenesis of Human Disease</td>
<td>Applications of Health/Pre-med stream course</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Aboriginal and Torres Strait Islander Health</td>
<td>3000 level Science course</td>
<td>Applications of Health/Pre-med stream course</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Professional Practice in Health Science</td>
<td>Introduction to Population Health</td>
<td>Health Promotion Principles and Practice</td>
</tr>
</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

W science.anu.edu.au/study/bachelor-degrees/bachelor-health-science
Minimum entry requirements: 95 ATAR, 4 OP, 37 IB
For further details on admission requirements please see pages 16-19.

Duration: 3 years full-time

Intake: Semester 1 only
70% minimum average required throughout degree
The Bachelor of Mathematical Sciences can also be combined with a Master of Secondary Teaching from the University of Canberra. See page 20 for more information.
Maths prerequisite. See page 21 for more information on the bridging course.

UAC Code: 138200
CRICOS Code: 086223G

Program overview
If you’d like to master quantitative problem-solving, mathematical modelling and critical thinking, this is the degree for you.
It is an elite, research-focused program for exceptional students at Australia’s highest-ranked university.

Career outcomes
This degree is designed for students who want a career based in the quantitative modelling of the real world, a research-oriented career in government, commerce or industry, or who are interested in pursuing postgraduate studies.
Our mathematics graduates have gone on to positions at:

> CSIRO
> Bureau of Meteorology
> Geosciences Australia
> Australian Signals Directorate
> Macquarie Bank
> Boston Consulting
> Treasury
> Australian Tax Office
> and Google.

Degree structure

*Example study plan is a suggestion on how this program can be structured.
BACHELOR OF MEDICAL SCIENCE

Minimum entry requirements: 90 ATAR, 6 OP, 34 IB
For further details on admission requirements please see pages 16-19.
Duration: 3 years full-time
Intake: Semester 1 only
65% minimum average required throughout degree
The Bachelor of Medical Science can also be taken as part of a Flexible Double Degree. See page 20 for more information.
The Bachelor of Medical Science can also be combined with a Master of Diagnostic Pathology from the University of Canberra.
Chemistry prerequisite. See page 21 for more information on the bridging course.
UAC Code: 138403
CRICOS Code: 036662J

Program overview
Do you want to know how the human body works? This degree brings the disciplines of genetics, immunology, nutrition, physiology, microbiology, biochemistry and anatomy into a single degree.
The flexibility of the degree allows you to choose additional subjects in complementary disciplines such as neuroscience, psychology, molecular biology and ethics in order to develop your interests further.

Career outcomes
You’ll gain the fundamental knowledge of the medical sciences and skills in modern molecular, cellular and biotechnological techniques required to continue with postgraduate study in medicine or research.

> Lab technician
> Genetic counsellor
> Health policy advisor
> Dietician
> Science teacher
> Physiotherapist (further study required)
> Pharmacist (further study required)
> General practitioner (further study required)
> Surgeon (further study required)
> Physician (further study required)
> Pathologist (further study required)
> Neuroscientist (further study required)
> Honours and PhD in medical research

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Subject Module</th>
<th>Subject Module</th>
<th>Elective</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Biology 1: Evolution: Ecology &amp; Genetics</td>
<td>Chemistry 1</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Biology 2: Molecular &amp; Cell Biology</td>
<td>Chemistry 2</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Medical Physiology and Pharmacology</td>
<td>Genes: Replication &amp; Expression</td>
<td>Biochemistry &amp; Nutrition</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>General Microbiology</td>
<td>Medical Science elective</td>
<td>Medical Science elective</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Medical Science elective</td>
<td>Medical Science elective</td>
<td>Medical Science elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Medical Science in the Workplace</td>
<td>Medical Science elective</td>
<td>Medical Science elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

W science.anu.edu.au/study/bachelor-degrees/bachelor-medical-science
W science.anu.edu.au/study/bachelor-degrees/bachelor-medical-science-master-diagnostic-pathology
BACHELOR OF PHILOSOPHY (HONOURS) (PHB)

Minimum entry requirements: 99 ATAR, 1 OP, 42 IB
For further details on admission requirements please see pages 16-19.

Duration: 4 years full-time

Intake: Semester 1 & 2 (commencing your studies in Semester 2 may limit course choices)

75% minimum average required throughout degree
Honours (One year of research and a thesis)

Some subjects have assumed knowledge, particularly in chemistry, mathematics and physics. See page 21 for more information on bridging courses.

UAC Code: 138000
CRICOS Code: 043746B

Program overview
There’s no other degree like it in Australia. Explore your interests by undertaking research as an undergraduate student and receiving one-on-one mentoring by leading academics, all while enjoying the camaraderie of a group of like-minded students.

Career outcomes
Many of our graduates have used the PhB program as a pathway to completing PhDs in some of the best universities around the world. The PhB can also provide a pathway to the Doctor of Medicine and Surgery (MChD) without having to sit the GAMSAT.

W medicalschool.anu.edu.au/study/pathway-programs

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Science course</th>
<th>Science course</th>
<th>Science course</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Science course</td>
<td>Science course</td>
<td>Science course</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Science course</td>
<td>Science course</td>
<td>Science course (Advanced Studies Extension)</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Science course</td>
<td>Science course</td>
<td>Advanced Studies Course</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Science course</td>
<td>Science course (Advanced Studies Extension)</td>
<td>Science course (Advanced Studies Extension)</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Science course</td>
<td>Science course</td>
<td>Advanced Studies Course</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Science course</td>
<td>Science course</td>
<td>Advanced Studies Course</td>
<td>Elective</td>
</tr>
</tbody>
</table>

Honours course

*Example study plan is a suggestion on how this program can be structured.

Bachelor of Philosophy (Honours) [ANU]/ Bachelor of Science (Honours) [NUS]

Combine your PhB from ANU with a Bachelor of Science from the National University of Singapore (NUS). Spend three semesters in residence and write your Honours thesis at ANU, and spend the other three semesters at NUS.

Three majors available: Chemistry, Mathematics or Physics
UAC Code: 138005
CRICOS Code: 054595K

W science.anu.edu.au/study/bachelor-degrees/bachelor-philosophy-honours-phb
W science.anu.edu.au/study/bachelor-degrees/bachelor-philosophy-honours-anu-bachelor-science-honours-nus

GRADUATE PROFILE

Lachlan Arthur
Bachelor of Philosophy (Honours) (PhB) 2018

“The PhB gave me the ultimate flexibility for my undergraduate degree. It meant that I could tailor my degree to my interests while also having the ability to fit in research projects and study abroad opportunities. The program set me up to continue my research career alongside postgraduate clinical medicine.”
BACHELOR OF PSYCHOLOGY (HONOURS)

Minimum entry requirements: 95 ATAR, 4 OP, 37 IB
For further details on admission requirements please see pages 16-19.
Duration: 4 years full-time
Intake: Semester 1 & 2 (commencing your studies in Semester 2 may limit course choices)
75% minimum average required throughout degree
Honours (One year of research and a thesis)
UAC Code: 138130
CRICOS Code: 036680G

Program overview
Explore the research and applied components of psychology, with the opportunity to specialise in an area of interest when completing Honours in your fourth year.

Career outcomes
This program prepares you for postgraduate study, leading to a career in clinical practice or academic research.
The program is also a fantastic launch pad for a range of careers, including:
> research
> management consulting
> human resources
> marketing
> public policy
> universities
> private and public sector
> community services
> counselling
> and clinical practice.

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Psychology 1: Understanding Mind, Brain and Behaviour</th>
<th>Science elective</th>
<th>Elective</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Psychology 2: Understanding People in Context</td>
<td>Science elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Developmental Psychology</td>
<td>Science elective</td>
<td>Quantitative Methods in Psychology</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Social Psychology</td>
<td>Cognition</td>
<td>Biological Basis of Behaviour</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Psychopathology Across the Lifespan</td>
<td>Advanced Research Methods</td>
<td>3000 level PSYC course</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Personality Psychology</td>
<td>3000 level PSYC course</td>
<td>3000 level PSYC course</td>
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<td>Honours course</td>
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</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

W science.anu.edu.au/study/bachelor-degrees/bachelor-psychology-honours
BACHELOR OF SCIENCE (PSYCHOLOGY)

Minimum entry requirements: 80 ATAR, 10 OP, 29 IB
For further details on admission requirements please see pages 16-19.

Duration: 3 years full-time
Intake: Semester 1 & 2 (commencing your studies in Semester 2 may limit course choices)
The Bachelor of Science (Psychology) can also be taken as part of a Flexible Double Degree. See page 20 for more information.

UAC Code: 138123
CRICOS Code: 047423M

Program overview
The Bachelor of Science (Psychology) provides you with a great base in six different areas of psychology: developmental, social, personality, methods, cognition and biological.

Career outcomes
Psychology graduates have skills essential to any workplace: an understanding of human motivation and behaviour, analytical skills and statistics.
The Bachelor of Science (Psychology) is a fantastic launch pad for a range of careers, including:

> research
> management consulting
> human resources
> public policy
> child development and welfare
> health and human services
> education
> counselling
> and clinical practice.

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Psychology 1: Understanding Mind, Brain and Behaviour</th>
<th>Science elective</th>
<th>Elective</th>
<th>Elective</th>
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</thead>
<tbody>
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<td>Psychology 2: Understanding People in Context</td>
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<td>1</td>
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<td>Quantitative Methods in Psychology</td>
<td>Elective</td>
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<tr>
<td>1</td>
<td>2</td>
<td>Social Psychology</td>
<td>Cognition</td>
<td>Biological Basis of Behaviour</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
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<td>Psychopathology Across the Lifespan</td>
<td>Advanced Research Methods</td>
<td>3000 level PSYC course</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Personality Psychology</td>
<td>3000 level PSYC course</td>
<td>3000 level PSYC course</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

W science.anu.edu.au/study/bachelor-degrees/bachelor-science-psychology
BACHELOR OF SCIENCE

Minimum entry requirements: 80 ATAR, 10 OP, 29 IB
For further details on admission requirements please see pages 16-19.

Duration: 3 years full-time
Intake: Semester 1 & 2 (commencing your studies in Semester 2 may limit course choices)

The Bachelor of Science can also be taken as part of a Flexible Double Degree, or combined with a Master of Secondary Teaching from the University of Canberra. See page 20 for more information.

Some subjects have assumed knowledge, particularly in chemistry, mathematics and physics. See page 21 for more information on bridging courses.

UAC Code: 138003
CRICOS Code: 000335K

Program overview
Explore the possibilities of science from astronomy to zoology and everything in between with our most flexible science degree. Tailor a program to your unique interests while giving you the broad critical-thinking and problem-solving skills needed for the workforce.

Career outcomes
> Policy advisor
> Consultant
> Science journalist
> Science teacher
> Environmental scientist
> Research officer at scientific organisation (CSIRO)
> Liaison officer at pharmaceutical company

Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Major</th>
<th>Minor</th>
<th>Elective</th>
<th>Elective</th>
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</thead>
<tbody>
<tr>
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<td>1</td>
<td>Major</td>
<td>Minor</td>
<td>Elective</td>
<td>Elective</td>
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<td>Minor</td>
<td>Elective</td>
<td>Elective</td>
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<tr>
<td>2</td>
<td>1</td>
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</tr>
<tr>
<td>3</td>
<td>1</td>
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<tr>
<td></td>
<td>2</td>
<td>Major</td>
<td>Major</td>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*Example study plan is a suggestion on how this program can be structured.

Bachelor of Science (Advanced) (Honours) option available

Entry requirements: 95 ATAR, 4 OP, 37 IB
Duration: 4 years full-time
Intake: Semester 1 & 2 (commencing your studies in Semester 2 may limit course choices)
70% minimum average required throughout degree

UAC Code: 138004
CRICOS Code: 065138M

Program overview
The Bachelor of Science (Advanced) (Honours) has a higher entry requirement and students must complete the fourth Honours year, which consists of intensive research and a thesis.

The Bachelor of Science (Advanced) (Honours) can also be combined with a Master of Secondary Teaching from the University of Canberra. See page 20 for more information.

W science.anu.edu.au/study/bachelor-degrees/bachelor-science
W science.anu.edu.au/study/bachelor-degrees/bachelor-science-advanced-honours
HOW TO APPLY

Applying direct to ANU

STEP 1: Check you’re eligible to submit a direct Admission, Scholarships and Accommodation application

> You can complete a direct application if you are a domestic Australian school leaver wanting to apply for an undergraduate program that starts in the following year.
> Australian school leavers mean those who will complete an Australian Year 12 or International Baccalaureate Diploma (November session) in Australia.
> You can also apply for campus accommodation and all available scholarships in the same application.

STEP 2: Consider which programs are best for you

> Choose from over 50 Bachelor degrees, or combine degrees to study a Flexible Double Degree program.
> Some degrees require you to have studied specific subjects in Year 12. Before you apply, make sure you’re eligible for your chosen degree by checking the prerequisites on Programs and Courses.
> www.programsandcourses.anu.edu.au

STEP 3: Check you meet the co-curricular or service requirement

> All domestic school leavers are required to meet the requirement.
> You can find out more about the requirement on pages 18-19.

STEP 4: Apply direct to ANU

> Great work! You’re now ready to apply.

Applying through UAC

If you do not meet the criteria to submit a direct application to ANU, you can apply to ANU via UAC (The Universities Admissions Centre). You can submit a UAC application if you’re:

> not a school-leaver, e.g., a gap year student
> seeking admission as a mature-age applicant
> transferring from another institution
> otherwise not a domestic Australian school-leaver.

For UAC application dates, please refer to uac.edu.au

Applying as an international student

If you are an international undergraduate student, there are different application processes. Please make sure you check application deadlines and round timelines when submitting an application.

For the most up-to-date admissions information, please visit:

www.anu.edu.au/study/apply/international-applications-undergraduate-and-postgraduate
# Adjustment Factors

## Equity Adjustments

ANU Bachelor degree programs with a minimum selection rank requirement of 80.00-97.00 may receive up to 10 equity adjustments. ANU Bachelor degree programs with a minimum selection rank requirement of 98.00 or above may receive up to 5 equity adjustments. ANU allocates National Access adjustment factors in recognition of difficult circumstances that you may have faced in your studies. Refer to anu.edu.au/study/apply/national-access-scheme

### Educational Access Scheme (Equity) Schedule Domestic Applicants

<table>
<thead>
<tr>
<th>EAS type</th>
<th>Equity adjustments</th>
<th>EAS category and description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial hardship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 6</td>
<td>F01A–Youth Allowance/Austudy/Abstudy</td>
<td></td>
</tr>
<tr>
<td>Up to 6</td>
<td>F01B–Other Centrelink income</td>
<td></td>
</tr>
<tr>
<td>Up to 6</td>
<td>F01C–Exceptional financial hardship</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>F01D–Parental Family Tax Benefit Part A</td>
<td></td>
</tr>
<tr>
<td>Severe family disruption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>H01A–Death of immediate family member/close friend</td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>H01B–Life-threatening or severe illness of immediate family</td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>H01C–Divorce or separation of parents or applicant</td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>H01D–Legal matters</td>
<td></td>
</tr>
<tr>
<td>Excessive family responsibility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 6</td>
<td>H03A–Care of children/other family members</td>
<td></td>
</tr>
<tr>
<td>Up to 6</td>
<td>H03B–Required to work to support family</td>
<td></td>
</tr>
<tr>
<td>Up to 3</td>
<td>H03C–Sole responsibility for care of self</td>
<td></td>
</tr>
<tr>
<td>Abuse</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>H04A–Abuse to applicant, parents, or siblings</td>
<td></td>
</tr>
<tr>
<td>English language difficulty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 3</td>
<td>L01A–ESL/started school in Australia in Year 11 or 12</td>
<td></td>
</tr>
<tr>
<td>Personal illness/disability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>P01A–Disability or long-term medical condition</td>
<td></td>
</tr>
<tr>
<td>Refugee status</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>School environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 3</td>
<td>S01C–Rural school</td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>S01D–Studying Year 12 subjects by distance education or Access program</td>
<td></td>
</tr>
</tbody>
</table>

You may be considered for adjustment factors if you have:

> applied directly to ANU or through UAC for an eligible ANU Bachelor degree program
> undertaken Australian Year 12 or International Baccalaureate
> achieved an ATAR or equivalent at or above 70
> not previously attempted tertiary study.

## Elite Athlete and Performer Adjustments

ANU is an Elite Athlete Friendly University. We will provide additional support if you are recognised as an elite athlete by the Australian Sports Commission’s AIS Personal Excellence program.

If you are an elite athlete or sporting coach, you may be eligible for five elite athlete and performer adjustments.

> anu.edu.au/study/apply/elite-athlete-status

**Disclaimer:** Correct at time of print August 2019. Adjustment factors are reviewed annually please refer to anu.edu.au/study/apply/anu-adjustment-factors
CO-CURRICULAR OR SERVICE REQUIREMENT

To apply to ANU, you have to meet our co-curricular or service requirements*. Check to see if you have met the requirements before you apply.

*If you are a domestic Australian school leaver in 2019, wanting to apply for an undergraduate degree starting in 2020.

Skill to succeed

The skills you gain outside of the classroom matter. These experiences will help you succeed at university and increase your employability upon graduation. At ANU you’ll have the opportunity to develop these skills further through participating in internships, international exchange programs and much more.

In your application, you will have the opportunity to tell us what you’ve learnt outside the classroom. These include activities such as volunteering, part-time work, caring for a family member or playing sport.

Meeting the co-curricular or service requirement

To gain admission to ANU, you will be required to meet the co-curricular or service requirement in addition to meeting the academic requirements for your preferred ANU program. The matrix on the next page provides examples of the type of activities that we recognise.

Each activity is mapped against seven skills:

> Creative and Critical Thinking
> Community Engagement
> Inclusion and Awareness of Diversity
> Communication
> Leadership
> Personal Responsibility
> Teamwork

You have met the co-curricular or service requirement when you can demonstrate that you’ve attained at least three of seven skills.

How the co-curricular or service requirement works

> The co-curricular or service requirement is a threshold which is either met or not met. We won’t rank you against other applicants.
> The requirement won’t modify your ATAR or ANU selection rank. You must meet it in addition to other admission requirements that apply to your preferred program.
> The requirements can be met through activities that were completed in Years 10, 11 or 12; and must be met at the time of application.
> Supporting documentation must be submitted to confirm your participation in activities. Example documentation and templates are available for download.

For more information and to check if you’ve met the co-curricular or service requirement
W anu.edu.au/study/apply
### Academic Extension Activities
- Research Programs or Internships
- Summer School Programs
- Oxbridge Summer Program
- UBS Finance Academy
- University Academic Extension Programs
- ‘F1 in Schools’ Academic Program
- USYD Gifted & Talented Discovery Program
- Model United Nations
- International Academic Exchange

### Community and Service Activities
- Volunteering for a registered charity
- Volunteering for community events, including school events
- Member of a Community or School-based Club
- Student Council
- School Captaincy
- Girl Guides/Scouts (or similar)
- Youth Cadets (or similar)
- Caring for a family member or individual with specific needs (Primary and Secondary carer roles included)

### Creative and Performance Activities
- Creative Art (Individual)
- Competitive Writing
- Heywire Competition
- Future Leaders Writing Prize
- Whitlam Institute What Matters? Competition
- Poetry
- Panda Competition
- Creative Art (Team)
- Creative Performance (Individual)
- Creative Performance (Group)
- Cast or Crew member of a Creative Production
- Lead Performer or Lead Crew Member of a Creative Production

### Educational and Scholastic Activities
- Educational Competition / Test / Challenge (Individual)
- Educational Competition / Test / Challenge (Team)
- International Educational / Test / Competition (Individual)
- International Education / Test / Competition (Team)
- Youth Forums
- International Youth Forums
- Google Science Fair
- Youth Citizen Entrepreneurship Competition
- United Nations Youth Association or Youth Parliament
- Public Speaking
- Debating
- Voice of Youth or Lions Youth of the Year
- Conducting an Animal Show/Exhibition

### Employment
- Paid and Unpaid Employment

### Gaming, Sport and Fitness Activities
- Sport (Individual)
- Gaming (Individual)
- Sport or Gaming (Team)
- Fitness or Training (Individual)
- Fitness or Training (Group)
- Coaching or Leading a Gaming, Sport or Fitness Activity
- Umpiring a Gaming, Sport or Fitness Activity
- National Interschool Chess Competition

Some activities have minimum commitment requirements. For additional detail on the activities recognised as meeting the co-curricular or service requirements, see: anu.edu.au/study/apply

**This process will:**
- operate as a simple threshold which is met when an applicant has attained 3 out of 7 skills
- highlight skills that enhance employability outcomes

**This process will not:**
- competitively rank students by the activities they undertake
- change a student’s ATAR, or impact other entry requirements
- replace ANU adjustment factors
DEGREE PROGRAMS

Flexible Double Degrees
W anu.edu.au/study/study-options/flexible-double-degrees

Bachelor degree + Bachelor degree
Study two undergraduate degrees at the same time and graduate with two qualifications.
> Double your job prospects
> It takes less time than studying two undergraduate degrees separately
> Same full-time workload per year as studying a single undergraduate degree

Flexible Vertical Double Degrees
W anu.edu.au/study/study-options/vertical-double-degrees

Bachelor degree + Master degree
Expand your career options with two qualifications.
> In a Flexible Vertical Double Degree (FVDD) you can study a Bachelor and a Master in a shorter time.
> Typically takes four years to complete.
> Save on time and cost when compared with studying a Bachelor and Master separately.

Science Bachelor options
> Biotechnology*
> Environment & Sustainability
> Genetics*
> Health Science

Master options
> Environment
> Public Health

Pathway to secondary teaching with the University of Canberra
W science.anu.edu.au/study/pathway-secondary-teaching-uc

ANU and the University of Canberra have collaborated to create degree offerings for ANU science, health and medicine students which offer you a direct pathway to becoming a secondary teacher.

By combining a Bachelor degree from ANU with a Master of Secondary Teaching from UC, you will graduate with both an undergraduate and postgraduate degree.

The joint degree is offered for the following programs:
> Bachelor of Health Science
> Bachelor of Mathematical Sciences
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)

*Program includes another prerequisite in addition to selection rank.

What are majors, minors and specialisations?
Majors, minors and specialisations are groups of courses with a common theme that demonstrate you have concentrated your studies in a certain area. Each of the courses you take is worth a certain number of units, depending on how involved they are. Majors are 48 units, typically 8 courses, and are required to complete some degrees. Minors are 24 units, typically 4 courses. Specialisations also require 24 units but must be taken in conjunction with an associated major.

Majors, minors and specialisations are only required in the following degrees:
> Bachelor of Environment & Sustainability
> Bachelor of Environment & Sustainability Advanced (Honours)
> Bachelor of Science
> Bachelor of Science (Advanced) (Honours)
Fees

Australian domestic undergraduate students are eligible for a Commonwealth Supported Place (CSP). This means that your tuition fees are subsidised by the Australian Government.

University tuition fees are charged based on your enrolment. Fees are not a set amount based on the degree you take, each course you enrol in has an associated fee that may be different to your other courses. From year to year tuition fee rates change. They can change for a number of reasons including those set by the University and those set by the Australian government. Specific course fee amounts are listed in the relevant course entry at programsandcourses.anu.edu.au

For the most up-to-date information about university tuition fees in Australia for domestic students, go to studyassist.gov.au

Fee help and financial assistance

Financial help is available to eligible students from the Australian Government through various schemes.

HECS-HELP is a loan program to help eligible students pay their student contribution. For details head to studyassist.gov.au

Youth Allowance is financial help available to eligible full-time students aged between 16 and 24 years of age. For details go to humanservices.gov.au/individuals/services/centrelink/youth-allowance-students-and-australian-apprentices

ABSTUDY is available to eligible Aboriginal and Torres Strait Islander students. For details go to humanservices.gov.au/individuals/services/centrelink/abstudy

SA-HELP is available to enable eligible students at ANU and other Australian universities to defer paying the Student Services and Amenities Fee (SA fee). For details go to studyassist.gov.au/help-loans/sa-help

For up-to-date information about the Student Services and Amenities Fee go to anu.edu.au/students/program-administration/costs-fees/services-amenities-fee

Scholarships

ANU offers a wide range of scholarships to help make university more affordable. Scholarships are awarded for a range of criteria including academic merit, financial need, and equity and accessibility. Domestic students are automatically assessed for scholarships in the direct application process. For more information, visit anu.edu.au/scholarships

Bridging courses

If the program you are interested in in studying requires completion of mathematics or chemistry, you have the option of completing a bridging course. For applicants who have not completed the prerequisites, bridging courses can give you the equivalent skills.

The chemistry bridging course is offered through the ANU Research School of Chemistry chemistry.anu.edu.au/study/bridging-course

The mathematics bridging course is offered through the ANU Mathematical Sciences Institute maths.anu.edu.au/study/bridging-course

Alternate pathways

Pathways may be available to students who do not meet the minimum admission requirements.

For more information, visit anucollege.edu.au

Transferring from another University

Transferring between universities is almost the same as applying for the first time. That means you will need to apply through UAC (see How to apply). If you have completed one year or more at another university you will be assessed on the basis of your tertiary results.

Mature age entry

If you are not a recent school-leaver, you might qualify for mature age or adult entry. You may still qualify for admission to ANU on the basis of previous studies.

There are a number of pathways into university studies for the mature-aged student. Consider the ANU Special Adult Entry Scheme or the University Preparation Scheme.

More information about the various mature age entry options can be found at students.anu.edu.au/applications/mature
GLOBAL OPPORTUNITIES

Vietnam Field School

ENVS2017, offered by the Fenner School of Environment & Society

A three-week intensive course on the complex relationship between development and the environment in Vietnam. This in-country subject includes fieldtrips, homestays, language training, and formal classes taught by staff from ANU and An Giang University.

Psychology Cross Cultural Project in China

A unique opportunity to engage in a cross cultural project in China for 2 weeks at Southwest University in Chongqing, China.

Heriot-Watt University Chemistry Ambassador Program

Offered by Research School of Chemistry in partnership with Heriot-Watt University

Fly to Edinburgh, Scotland where you’ll be immersed in the chemistry department of our partner institution, Heriot-Watt University for an intensive study abroad program.

IARU Global Summer Program

As the only Australian member of the International Alliance of Research Universities (IARU), ANU offers you the opportunity to study at some of the other most prestigious unis in the world. Learn about sustainability at Oxford, the Challenges of global food production at Yale, or health ageing at the University of Copenhagen.
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.

Coral Reef Field Studies
EMSC3019, 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.

Fire in the Environment
ENVS3008, offered by the Fenner School of Environment and Society
Explore a range of important themes concerning bushfires in Australian and international environments. Gain insight into the ongoing research at the Fenner School, land management agencies and the Bushfire Research Facility at CSIRO.

Field Studies in Functional Ecology
BIOL2203, 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.

Introduction to Structural and Field Geology
Students leave no stone unturned on this field trip in the Wee Jasper region in NSW developing a geological map and working out how the region has been deformed. Students develop their practical skills and the ability to think in 3D – essential skills for any geologist.

W science.anu.edu.au/study/field-trips
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 available number of projects from host organisations.

Examples of internship opportunities

**Airservices Australia**
> Airservices Australia manage the movements of over four million aircraft every year, and as an intern you’ll be working on the algorithms to keep them in the sky.

**Australian Academy of Science**
> Put your scientific mind to the task of writing policy positions on anything from climate change to ethics as a Science Intern at the iconic ‘Shine Dome’ building.

**Environment Institute of Australia and New Zealand (EIANZ)**
> The Environment Institute is a professional association for environmental practitioners from across Australia and New Zealand.

**Government**
> The Australian National Internships Program (ANIP) can get your foot in the door of the offices of MPs and Senators, government departments, embassies and think-tanks for the complete national capital experience.

**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

**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.

**Emlyn Graham**

**Flexible Double Degree, Bachelor of Science (Honours)/Bachelor of Mathematical Sciences**

Emlyn completed an internship at the Australian Academy of Science where he produced a policy document on science and mathematics education in Australia.

“When you do a uni assignment, it goes to the lecturer, gets marked and no-one ever sees it again.

With the internship, I felt like all the effort I put into the policy is going to have a wider impact beyond the numbers I’ll see on my transcript at the end of semester.”

**Applications for 2020 internships**

**Semester 1:**

**Semester 2:**
Applications open early May 2020, close late May 2020.

W science.anu.edu.au/current-students/internships
CONTACT US

ANU College of Science
ANU College of Health & Medicine
The Australian National University

W science.anu.edu.au

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T 1800 620 032
E future.student@anu.edu.au

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